

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078685.D
 Acq On : 28 Jul 2023 15:15
 Operator : JC\MD
 Sample : VN0728WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS03

Quant Time: Jul 29 00:49:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	779903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1327316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1143744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	448928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	530420	50.732	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.460%			
35) Dibromofluoromethane	8.177	113	476588	52.894	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.780%			
50) Toluene-d8	10.576	98	1701314	49.983	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.859	95	557298	53.155	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	180785	18.907	ug/l	99
3) Chloromethane	2.371	50	170893	16.443	ug/l	95
4) Vinyl Chloride	2.518	62	164052	12.202	ug/l	94
5) Bromomethane	2.947	94	177038	17.597	ug/l	99
6) Chloroethane	3.118	64	102440	11.101	ug/l	99
7) Trichlorofluoromethane	3.500	101	284501	17.702	ug/l	99
8) Diethyl Ether	3.971	74	102027	19.054	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	154570	18.169	ug/l	94
10) Methyl Iodide	4.600	142	210284	17.987	ug/l	94
11) Tert butyl alcohol	5.547	59	172999	107.302	ug/l	97
12) 1,1-Dichloroethene	4.347	96	149737	18.195	ug/l	93
13) Acrolein	4.194	56	151815	95.707	ug/l	97
14) Allyl chloride	5.030	41	233989	20.808	ug/l #	82
15) Acrylonitrile	5.736	53	433727	106.474	ug/l	98
16) Acetone	4.447	43	318768	97.876	ug/l	94
17) Carbon Disulfide	4.718	76	410005	17.230	ug/l	100
18) Methyl Acetate	5.047	43	285908	20.738	ug/l	89
19) Methyl tert-butyl Ether	5.812	73	507357	18.712	ug/l	97
20) Methylene Chloride	5.289	84	186264	19.185	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	169020	18.226	ug/l #	82
22) Diisopropyl ether	6.688	45	513306	20.386	ug/l	91
23) Vinyl Acetate	6.618	43	1563485	97.673	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	317866	18.735	ug/l	97
25) 2-Butanone	7.500	43	539530	105.238	ug/l	89
26) 2,2-Dichloropropane	7.500	77	261608	18.852	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	198064	18.463	ug/l	92
28) Bromochloromethane	7.824	49	165925	20.763	ug/l	87
29) Tetrahydrofuran	7.853	42	364594	108.381	ug/l #	81
30) Chloroform	7.971	83	328042	18.571	ug/l	91
31) Cyclohexane	8.265	56	266455	18.857	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	283032	17.872	ug/l	98
36) 1,1-Dichloropropene	8.377	75	241999	18.601	ug/l	98
37) Ethyl Acetate	7.577	43	224573	20.707	ug/l	97
38) Carbon Tetrachloride	8.371	117	260414	18.417	ug/l	97
39) Methylcyclohexane	9.606	83	225942	19.026	ug/l	87
40) Benzene	8.618	78	758745	19.686	ug/l	98

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 Quant Title : SW846 8260
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Manual Integrations APPROVED

Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	126014	22.792	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	239936	18.302	ug/l	100
43) Isopropyl Acetate	8.700	43	390691	21.881	ug/l #	92
44) Trichloroethene	9.359	130	184149	17.727	ug/l	100
45) 1,2-Dichloropropane	9.629	63	197834	20.266	ug/l	98
46) Dibromomethane	9.718	93	129277	18.816	ug/l	90
47) Bromodichloromethane	9.894	83	258551	18.772	ug/l	98
48) Methyl methacrylate	9.688	41	162688	19.667	ug/l #	84
49) 1,4-Dioxane	9.700	88	75123	416.419	ug/l	88
51) 4-Methyl-2-Pentanone	10.453	43	1111020	104.610	ug/l	97
52) Toluene	10.635	92	462993	19.382	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	270173	19.148	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	304654	20.256	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	181894	19.326	ug/l	96
56) Ethyl methacrylate	10.882	69	268308	20.393	ug/l #	87
57) 1,3-Dichloropropane	11.171	76	310166	19.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	482153	102.834	ug/l	92
59) 2-Hexanone	11.200	43	795561	105.397	ug/l	96
60) Dibromochloromethane	11.365	129	198594	19.113	ug/l	100
61) 1,2-Dibromoethane	11.476	107	180828	18.651	ug/l	100
64) Tetrachloroethene	11.112	164	150033	17.448	ug/l	99
65) Chlorobenzene	11.900	112	471268	18.434	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	181183	18.422	ug/l	97
67) Ethyl Benzene	11.970	91	821879	19.019	ug/l	100
68) m/p-Xylenes	12.076	106	618546	38.714	ug/l	95
69) o-Xylene	12.406	106	296117	18.349	ug/l	92
70) Styrene	12.417	104	485950	19.247	ug/l	99
71) Bromoform	12.588	173	130759	19.631	ug/l #	97
73) Isopropylbenzene	12.700	105	752913	17.849	ug/l	99
74) N-amyl acetate	12.500	43	265598	18.270	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	262473	20.447	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	213174m	19.645	ug/l	
77) Bromobenzene	12.988	156	179363	18.581	ug/l	98
78) n-propylbenzene	13.041	91	814573	18.056	ug/l	99
79) 2-Chlorotoluene	13.129	91	538133	18.211	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	605822	18.177	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	75983	18.401	ug/l #	85
82) 4-Chlorotoluene	13.229	91	495949	17.992	ug/l	99
83) tert-Butylbenzene	13.447	119	506278	17.891	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	599538	18.519	ug/l	100
85) sec-Butylbenzene	13.623	105	649516	18.159	ug/l	100
86) p-Isopropyltoluene	13.735	119	517970	18.035	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	282239	17.429	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	268707	16.474	ug/l	98
89) n-Butylbenzene	14.064	91	376100	18.302	ug/l	98
90) Hexachloroethane	14.341	117	103806	19.162	ug/l	74
91) 1,2-Dichlorobenzene	14.111	146	272426	16.904	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39573	18.382	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	68857	13.387	ug/l	95
94) Hexachlorobutadiene	15.506	225	61109	20.527	ug/l	96
95) Naphthalene	15.647	128	203650	11.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	83789	14.168	ug/l	98

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MSVOA_N
ClientSampleId :
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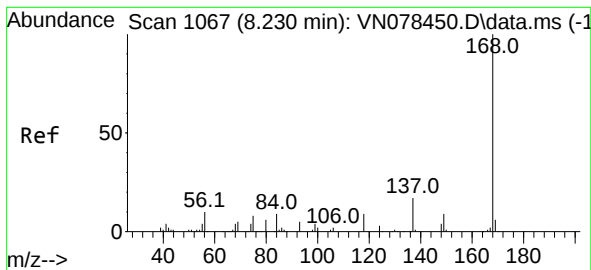
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

Quant Time: Jul 29 00:49:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

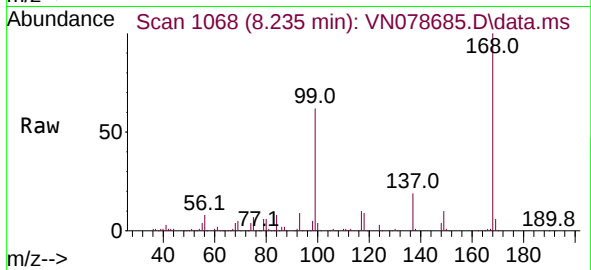
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

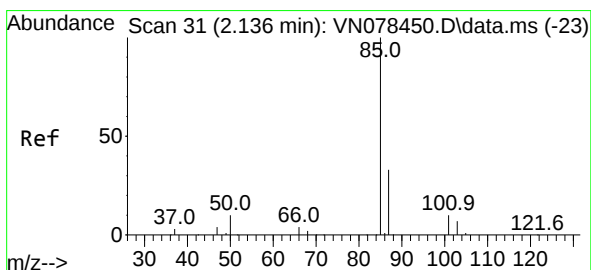
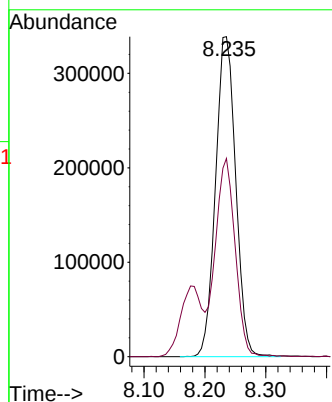
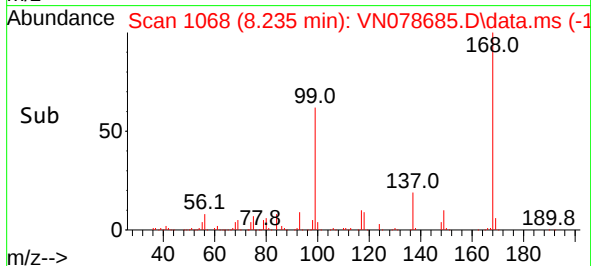
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion:168 Resp: 77990
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6

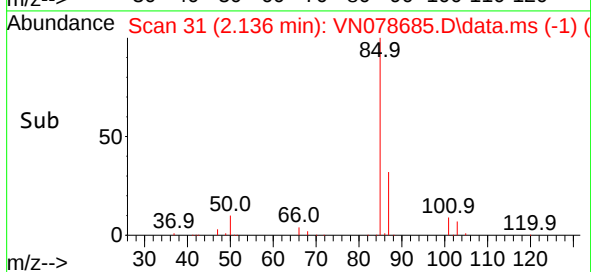
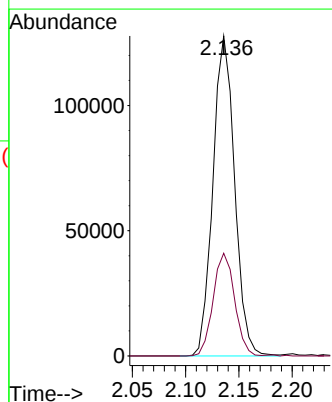
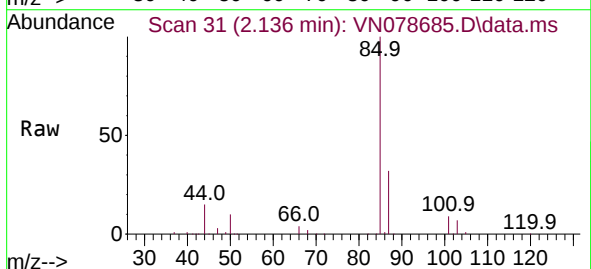
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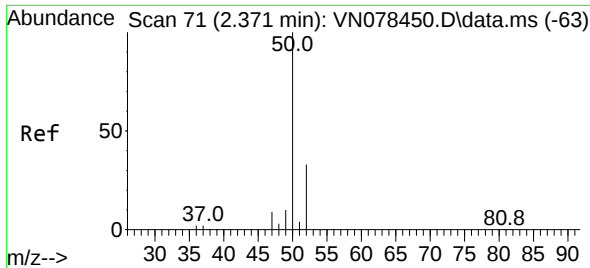
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 18.907 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

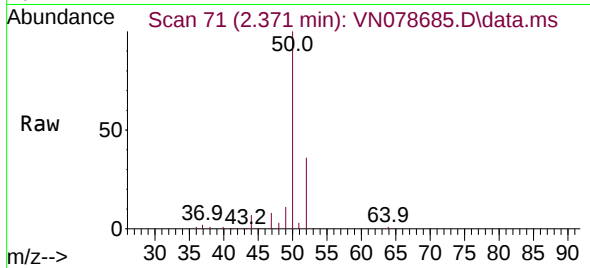
Tgt Ion: 85 Resp: 180785
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4





#3
Chloromethane
Concen: 16.443 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

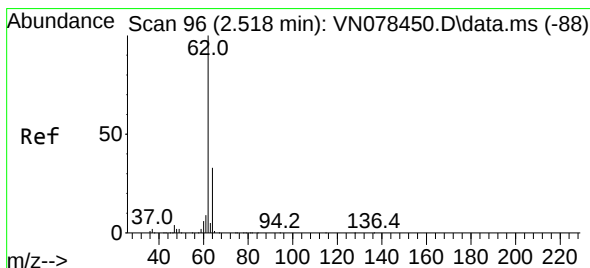
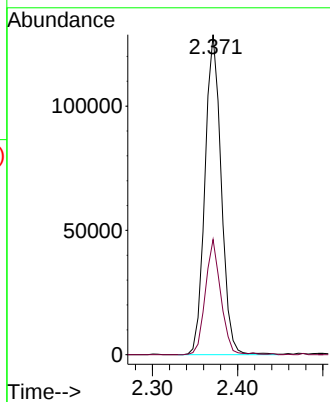
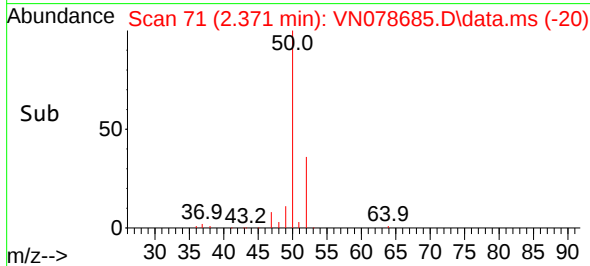
Instrument :
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ClientSampleId :
VN0728WBS03



Tgt Ion: 50 Resp: 17089
Ion Ratio Lower Upper
50 100
52 36.0 26.5 39.7

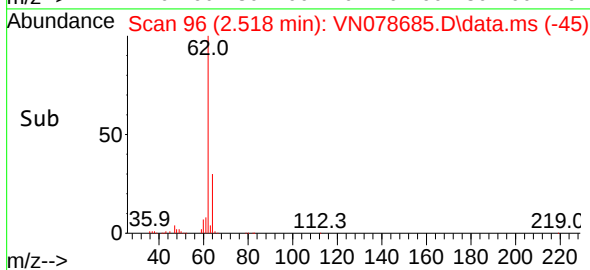
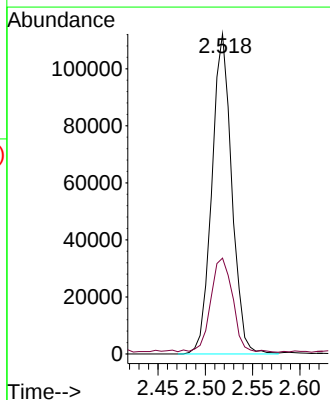
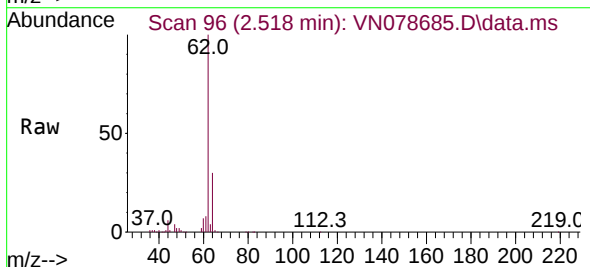
Manual Integrations
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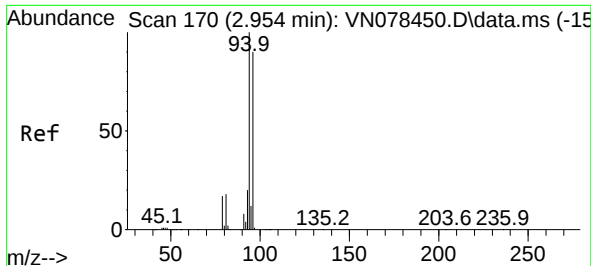
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 12.202 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Tgt Ion: 62 Resp: 164052
Ion Ratio Lower Upper
62 100
64 29.4 26.2 39.2





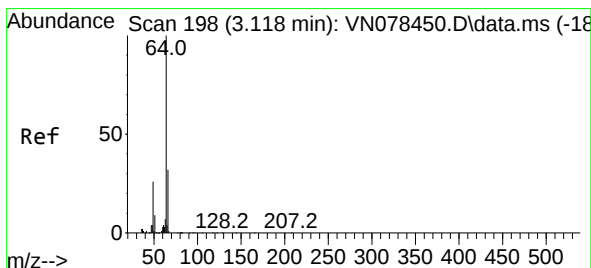
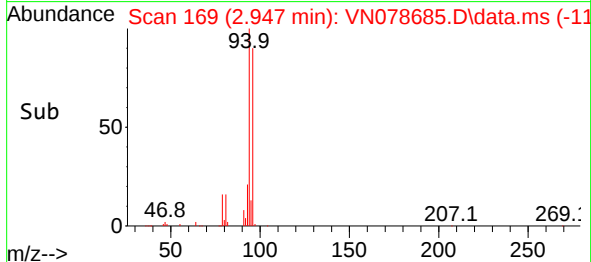
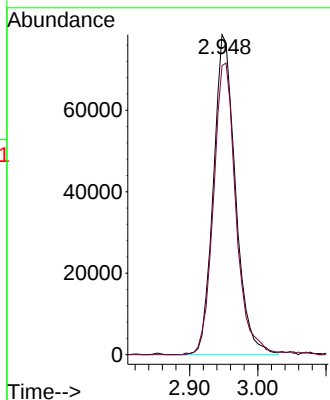
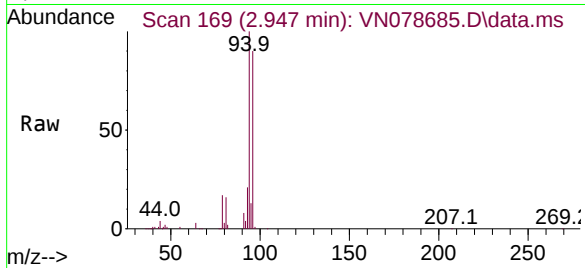
#5
Bromomethane
Concen: 17.597 ug/l
RT: 2.947 min Scan# 170
Delta R.T. -0.007 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Instrument :
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Client Sample Id :
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Tgt Ion: 94 Resp: 177038
Ion Ratio Lower Upper
94 100
96 90.3 73.1 109.7

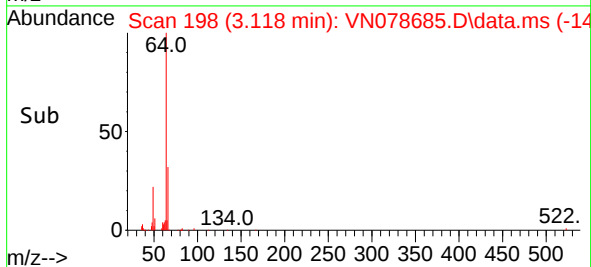
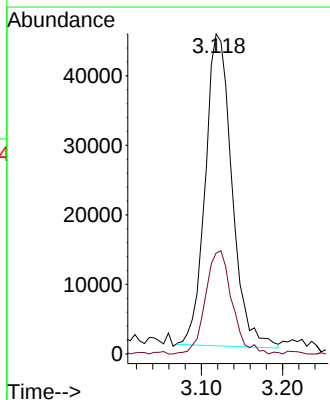
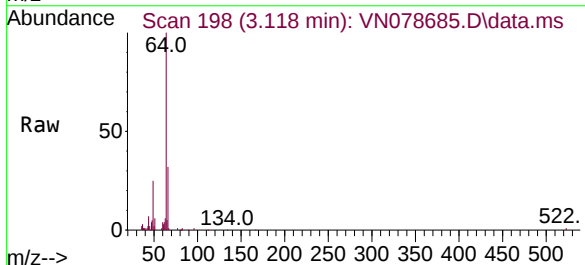
Manual Integrations
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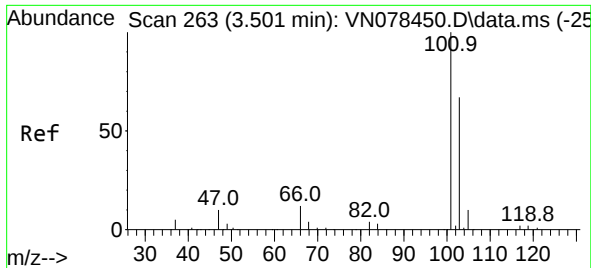
Reviewed By :John Carlone 07/31/2023
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#6
Chloroethane
Concen: 11.101 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

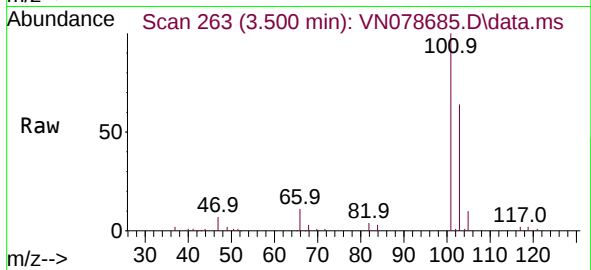
Tgt Ion: 64 Resp: 102440
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 17.702 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.001 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

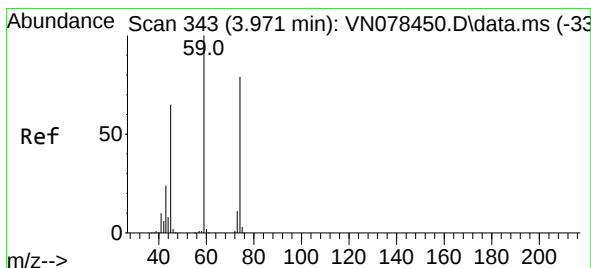
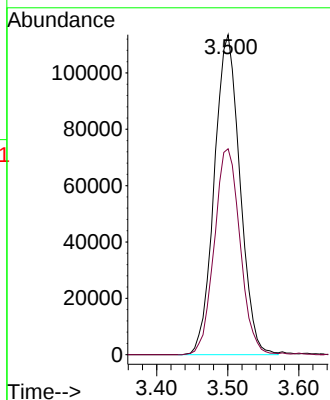
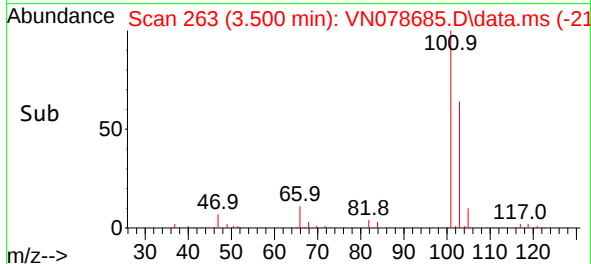
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion:101 Resp: 28450
Ion Ratio Lower Upper
101 100
103 64.4 50.7 76.1

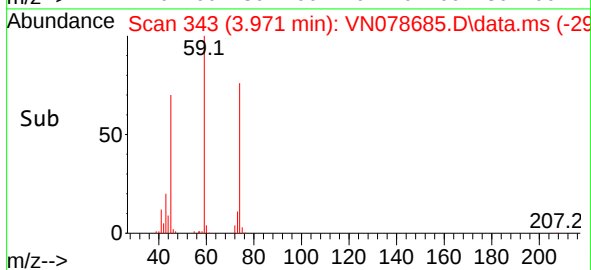
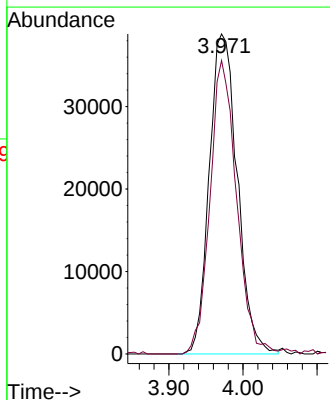
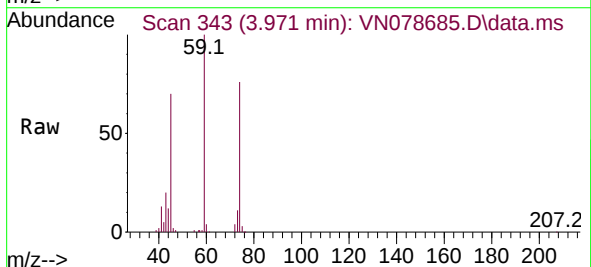
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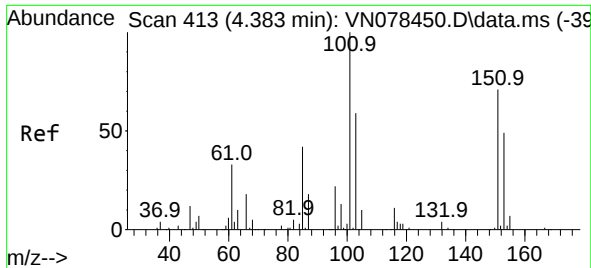
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#8
Diethyl Ether
Concen: 19.054 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Tgt Ion: 74 Resp: 102027
Ion Ratio Lower Upper
74 100
45 86.7 34.4 103.3





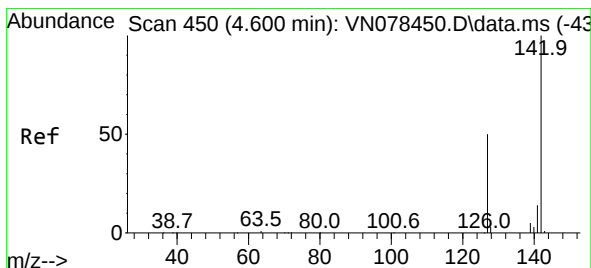
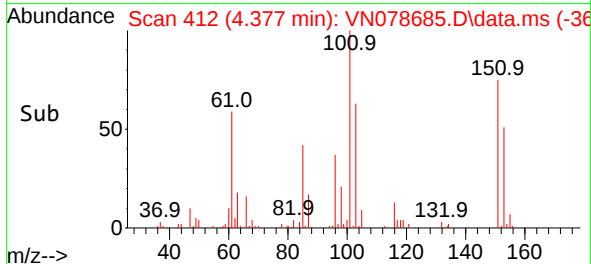
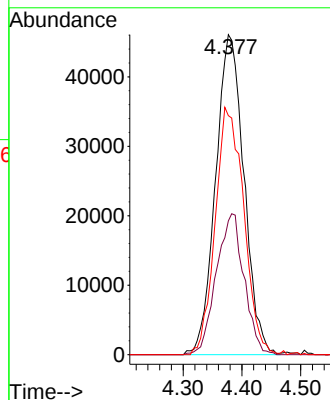
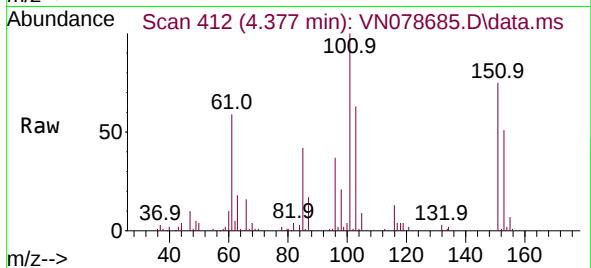
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.169 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03

Tgt Ion:101 Resp: 154570
Ion Ratio Lower Upper
101 100
85 43.2 36.6 55.0
151 77.8 57.6 86.4

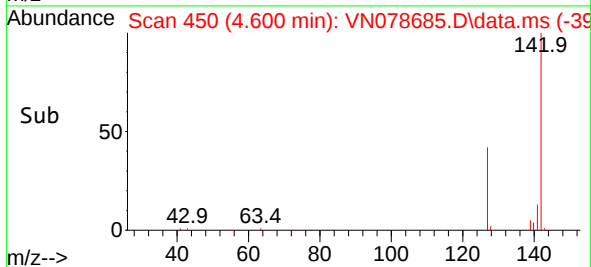
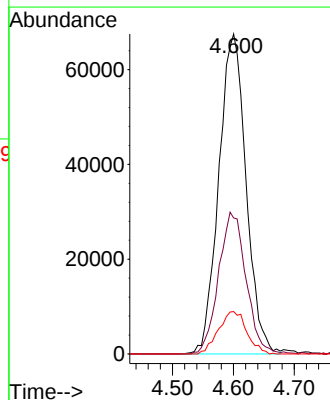
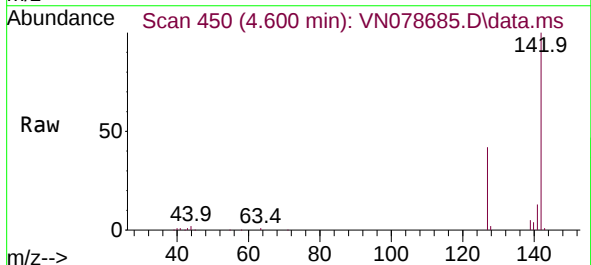
Manual Integrations
APPROVED

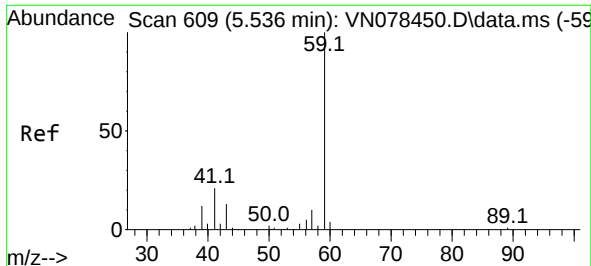
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Methyl Iodide
Concen: 17.987 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Tgt Ion:142 Resp: 210284
Ion Ratio Lower Upper
142 100
127 42.5 37.6 56.4
141 13.3 11.4 17.0





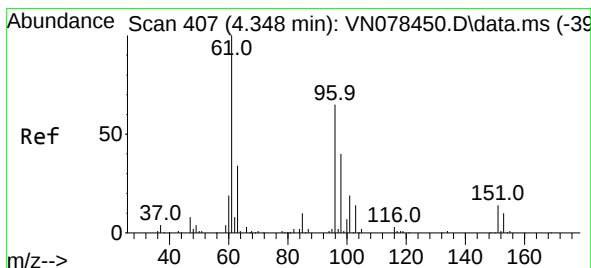
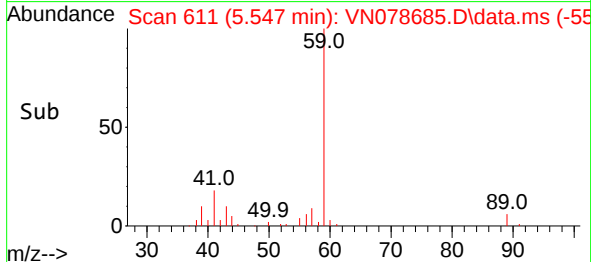
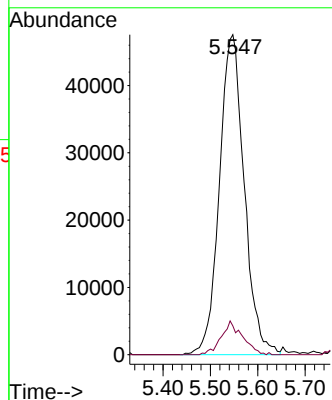
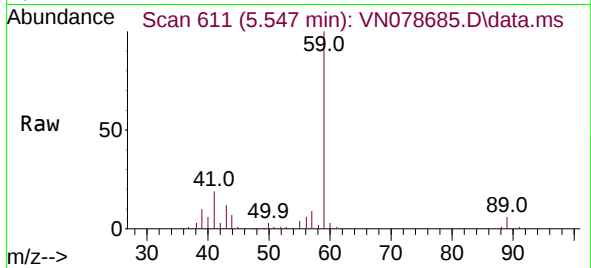
#11
Tert butyl alcohol
Concen: 107.302 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03

Tgt Ion: 59 Resp: 172999
Ion Ratio Lower Upper
59 100
57 9.0 8.2 12.4

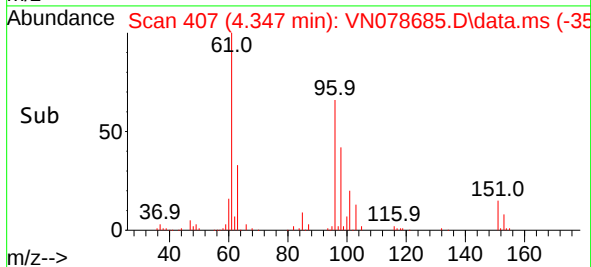
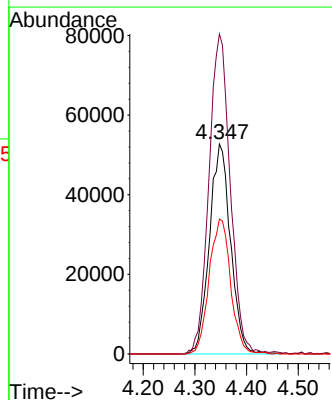
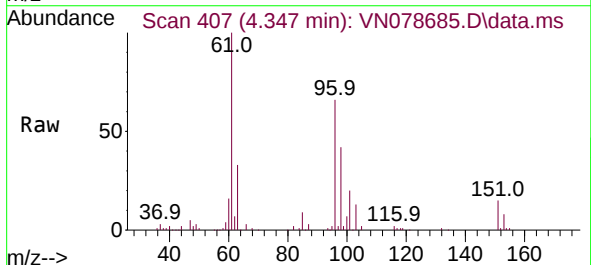
Manual Integrations
APPROVED

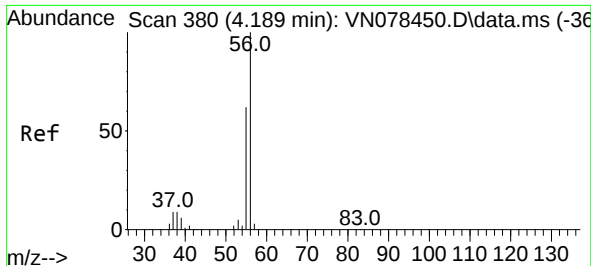
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#12
1,1-Dichloroethene
Concen: 18.195 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Tgt Ion: 96 Resp: 149737
Ion Ratio Lower Upper
96 100
61 152.4 112.7 169.1
98 64.2 51.2 76.8





#13

Acrolein

Concen: 95.707 ug/l

RT: 4.194 min Scan# 381

Delta R.T. 0.005 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS03

Tgt Ion: 56 Resp: 15181

Ion Ratio Lower Upper

56 100

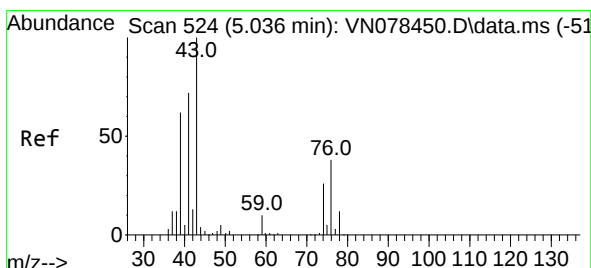
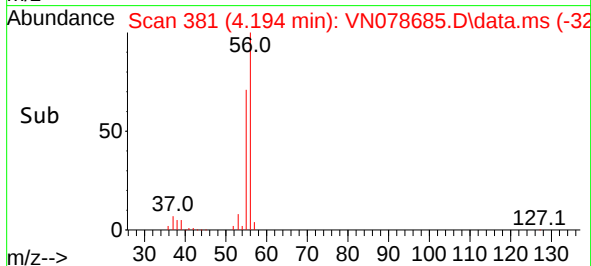
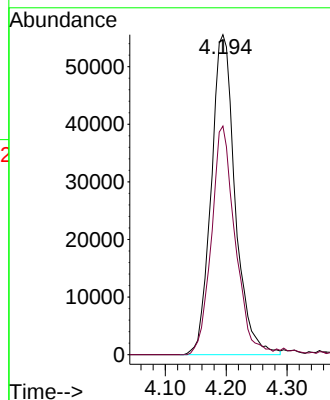
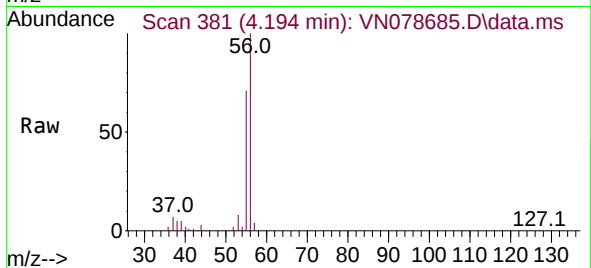
55 70.6 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#14

Allyl chloride

Concen: 20.808 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.006 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

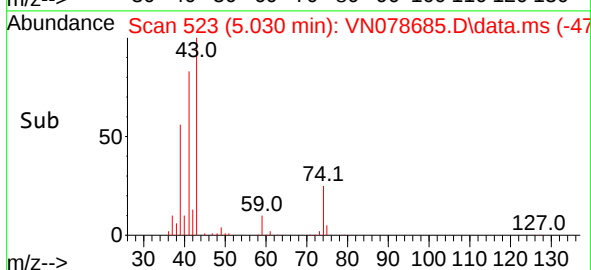
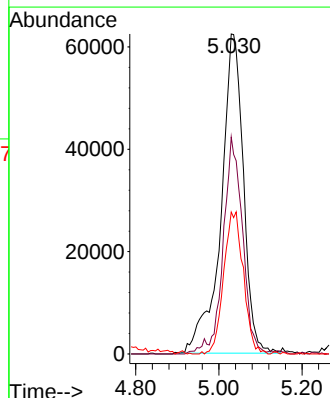
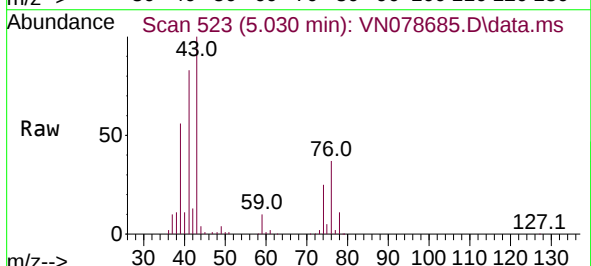
Tgt Ion: 41 Resp: 233989

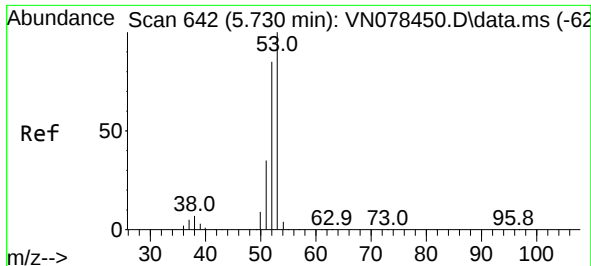
Ion Ratio Lower Upper

41 100

39 55.7 58.8 88.2#

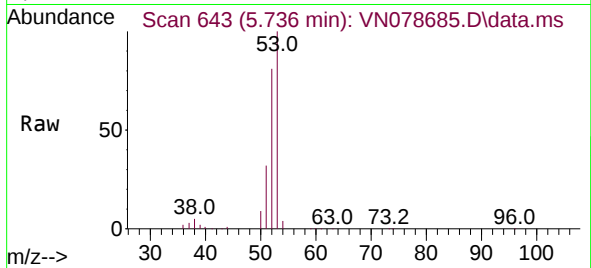
76 39.0 39.1 58.7#





#15
Acrylonitrile
Concen: 106.474 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

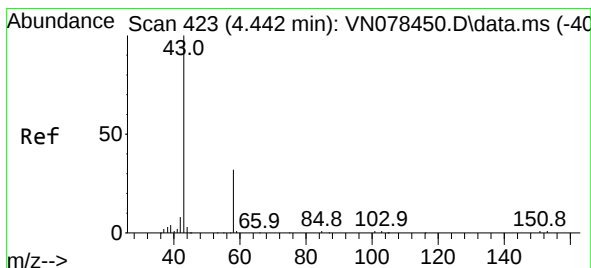
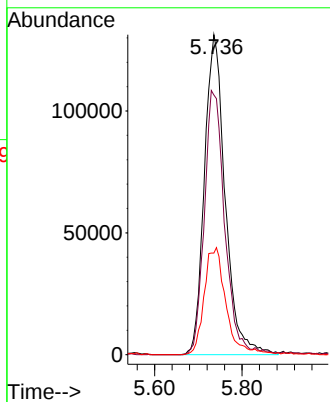
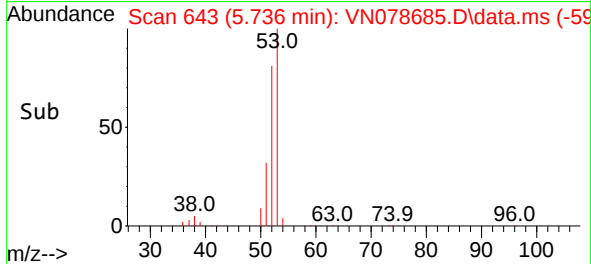
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



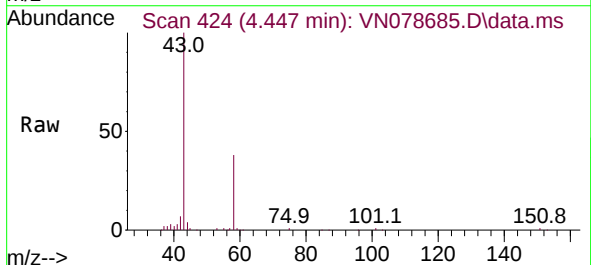
Tgt Ion: 53 Resp: 433721
Ion Ratio Lower Upper
53 100
52 80.3 65.3 97.9
51 35.1 28.9 43.3

Manual Integrations
APPROVED

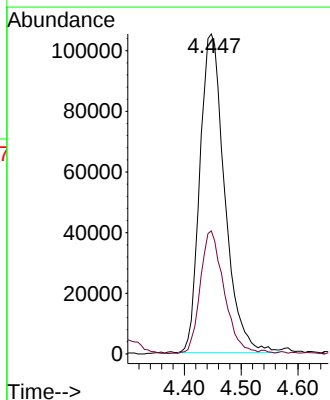
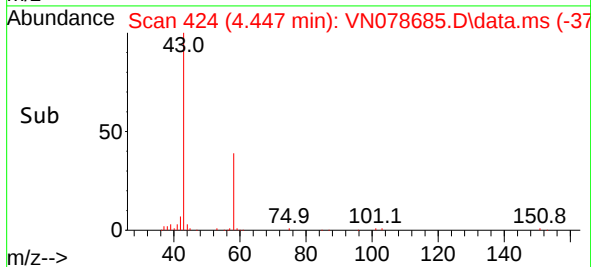
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

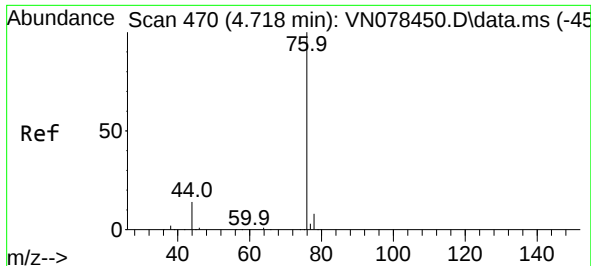


#16
Acetone
Concen: 97.876 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15



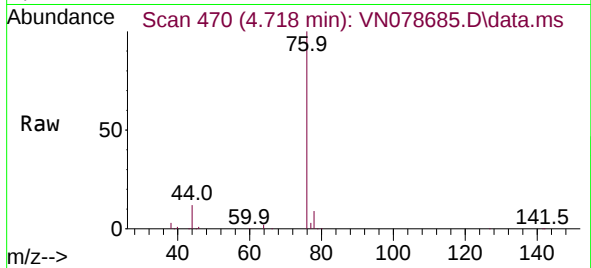
Tgt Ion: 43 Resp: 318768
Ion Ratio Lower Upper
43 100
58 38.4 28.0 42.0





#17
Carbon Disulfide
Concen: 17.230 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

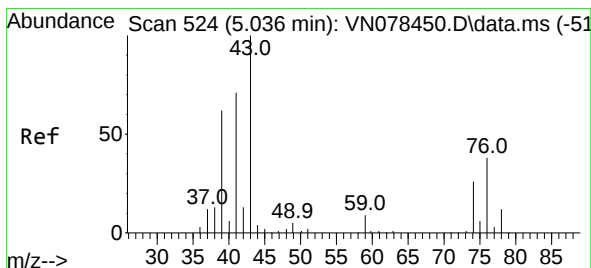
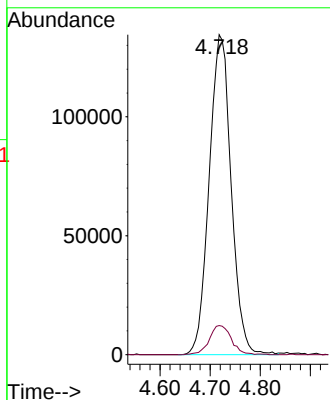
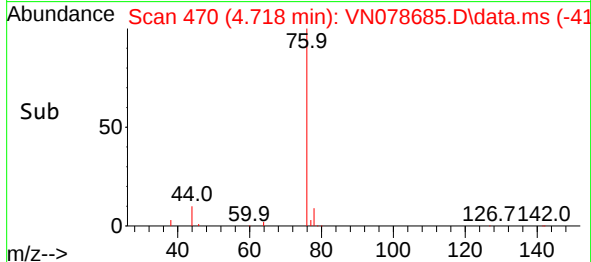
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



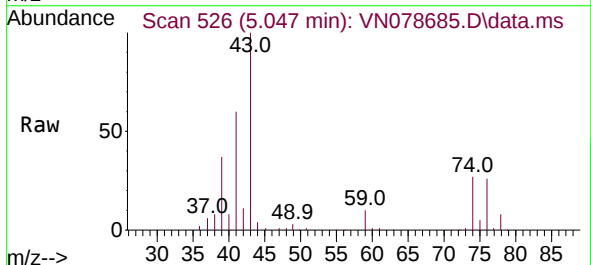
Tgt Ion: 76 Resp: 41000
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations
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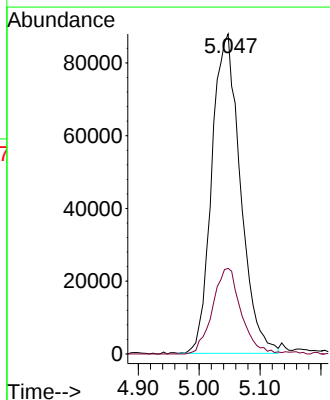
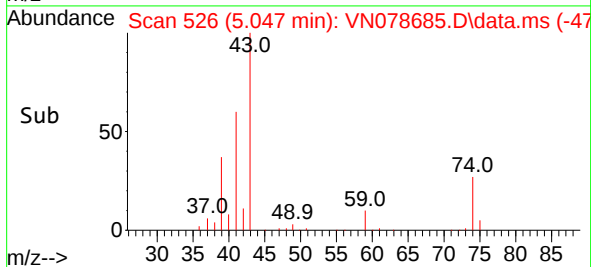
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

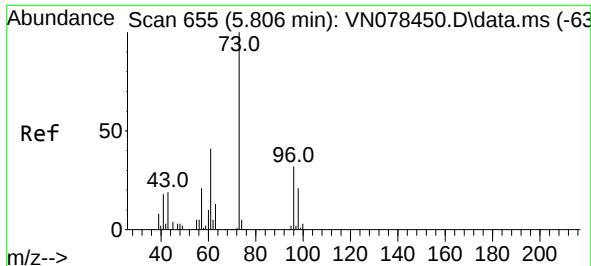


#18
Methyl Acetate
Concen: 20.738 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.011 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15



Tgt Ion: 43 Resp: 285908
Ion Ratio Lower Upper
43 100
74 26.7 26.2 39.4





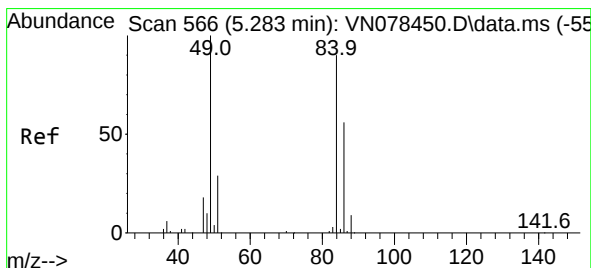
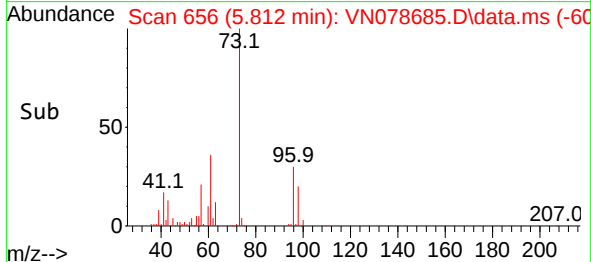
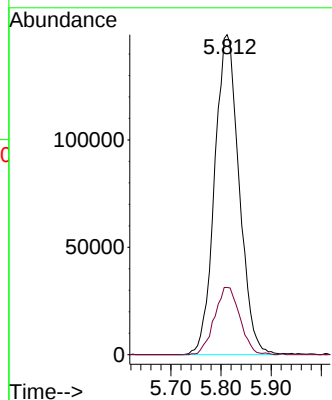
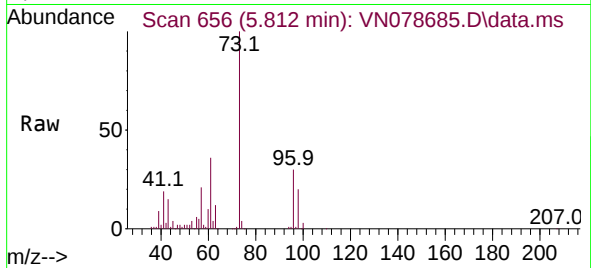
#19
Methyl tert-butyl Ether
Concen: 18.712 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03

Tgt Ion: 73 Resp: 50735
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4

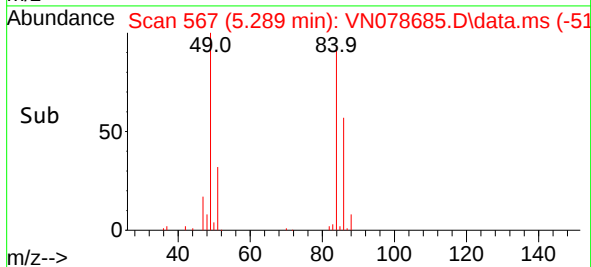
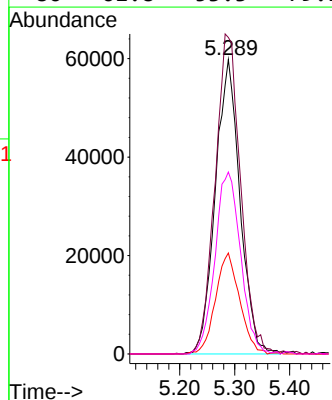
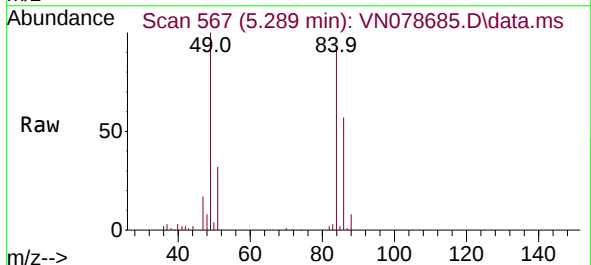
Manual Integrations
APPROVED

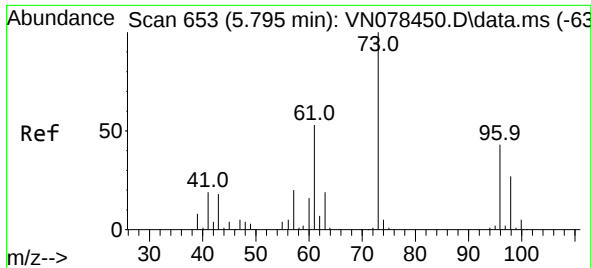
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Methylene Chloride
Concen: 19.185 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

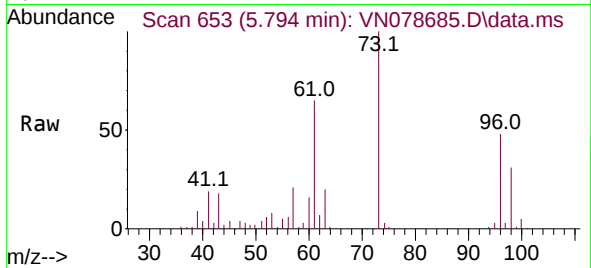
Tgt Ion: 84 Resp: 186264
Ion Ratio Lower Upper
84 100
49 107.5 79.7 119.5
51 34.3 25.2 37.8
86 61.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.226 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.001 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

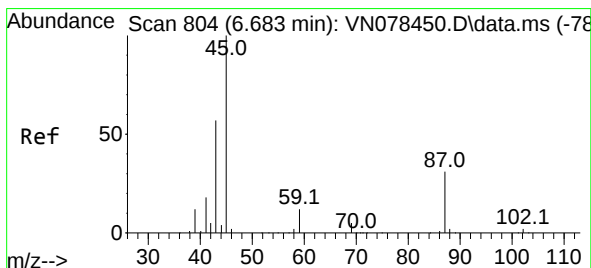
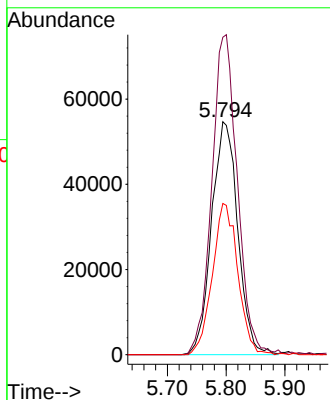
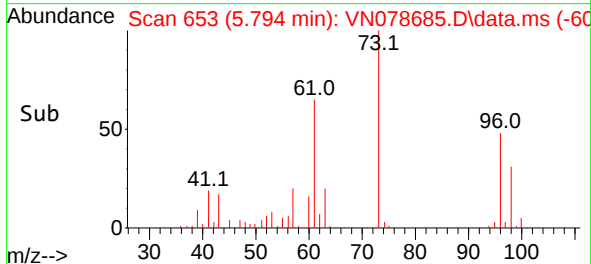
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



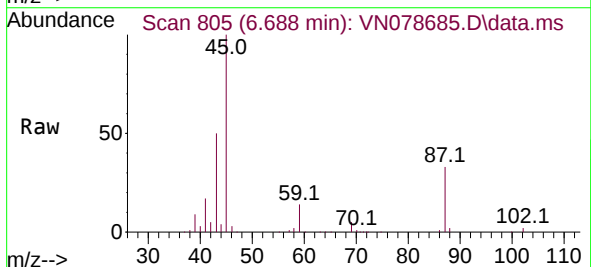
Tgt Ion: 96 Resp: 169020
Ion Ratio Lower Upper
96 100
61 136.2 90.1 135.1
98 64.9 46.4 69.6

Manual Integrations
APPROVED

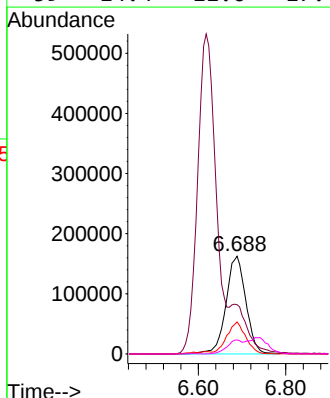
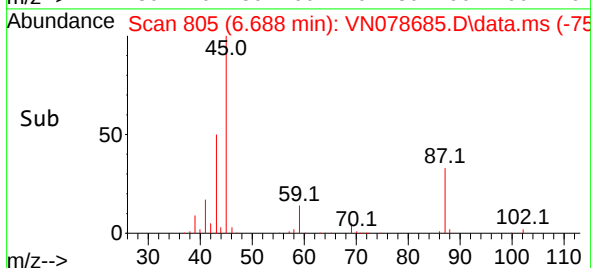
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

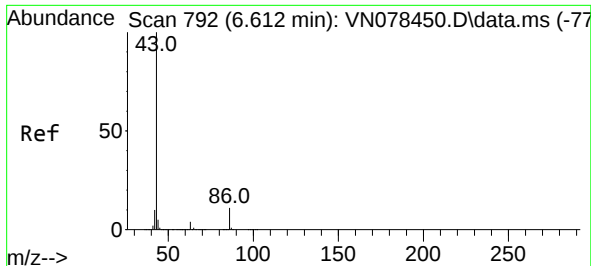


#22
Diisopropyl ether
Concen: 20.386 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.005 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15



Tgt Ion: 45 Resp: 513306
Ion Ratio Lower Upper
45 100
43 49.6 45.5 68.3
87 32.7 31.8 47.8
59 14.4 11.6 17.4





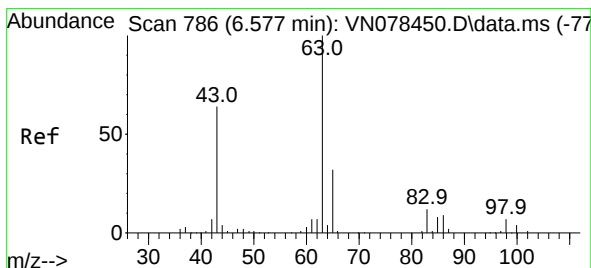
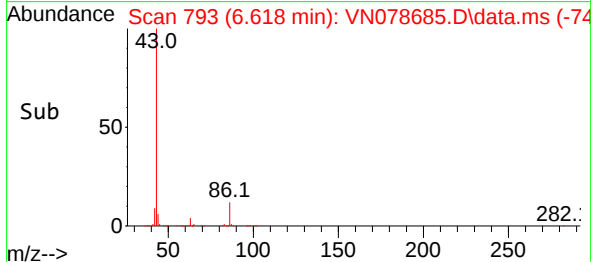
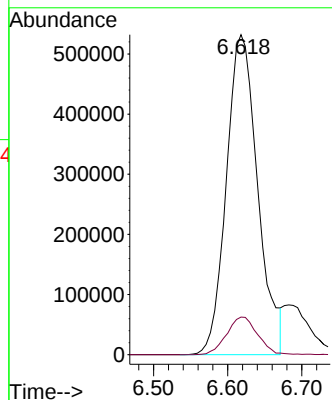
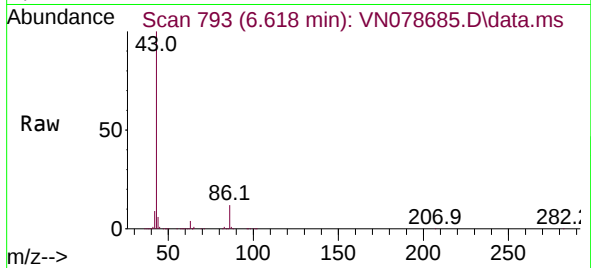
#23
 Vinyl Acetate
 Concen: 97.673 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078685.D
 Acq: 28 Jul 2023 15:15

Instrument :
 MSVOA_N
 Client Sample Id :
 VN0728WBS03

Tgt Ion: 43 Resp: 156348
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

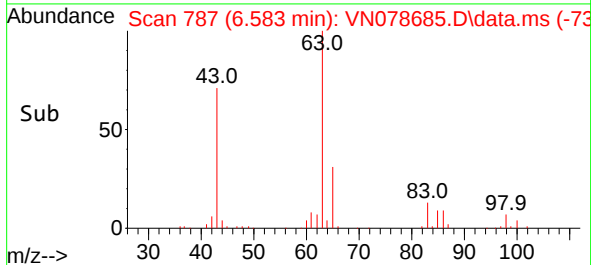
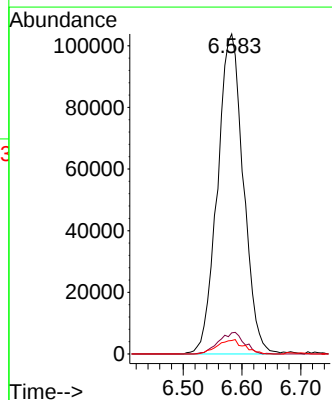
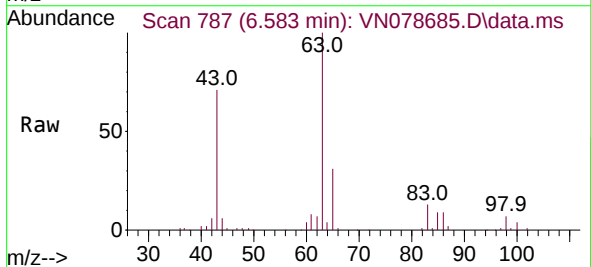
Manual Integrations
 APPROVED

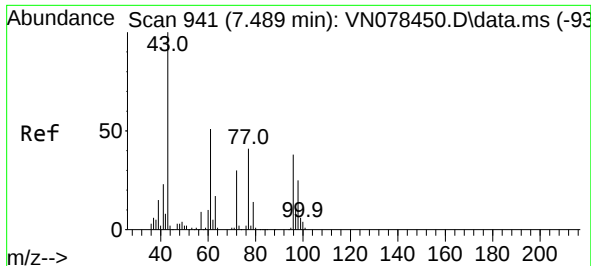
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#24
 1,1-Dichloroethane
 Concen: 18.735 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078685.D
 Acq: 28 Jul 2023 15:15

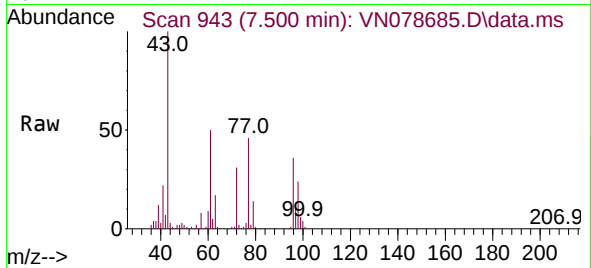
Tgt Ion: 63 Resp: 317866
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.2 2.5 7.4





#25
2-Butanone
Concen: 105.238 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.011 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

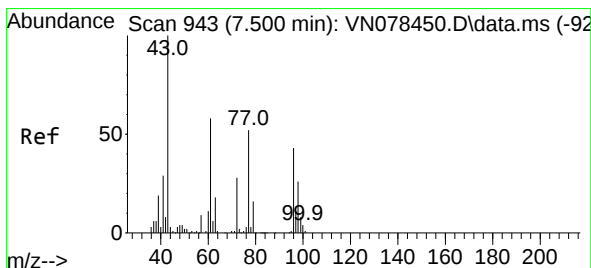
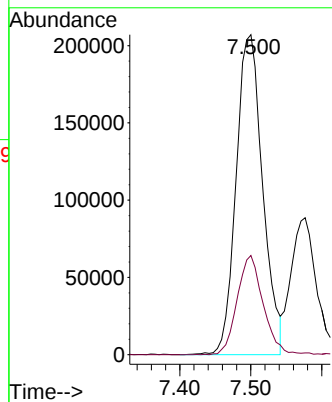
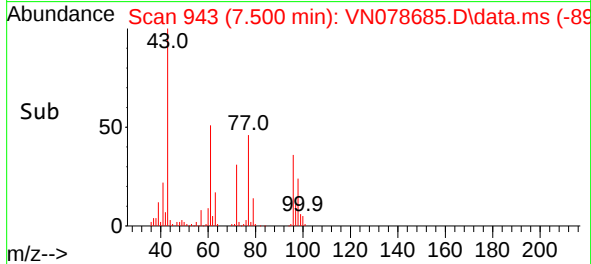
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion: 43 Resp: 539530
Ion Ratio Lower Upper
43 100
72 31.0 30.2 45.2

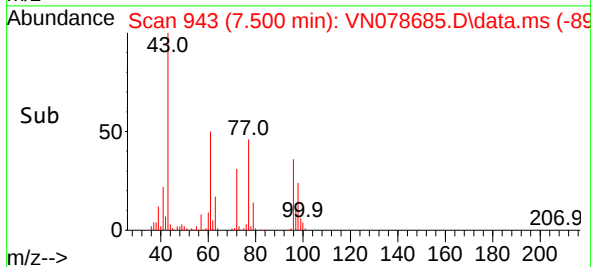
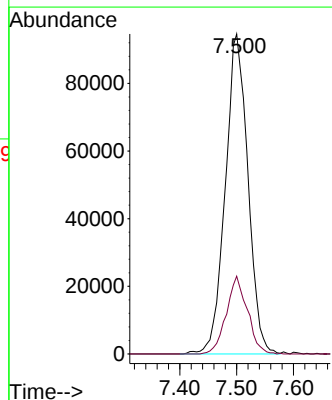
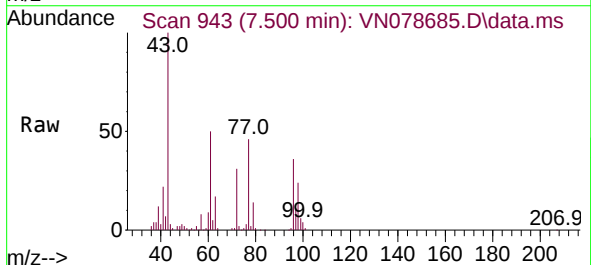
Manual Integrations
APPROVED

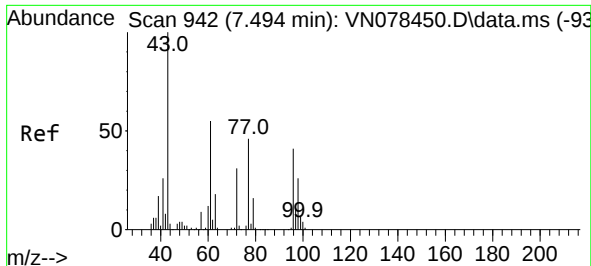
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
2,2-Dichloropropane
Concen: 18.852 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

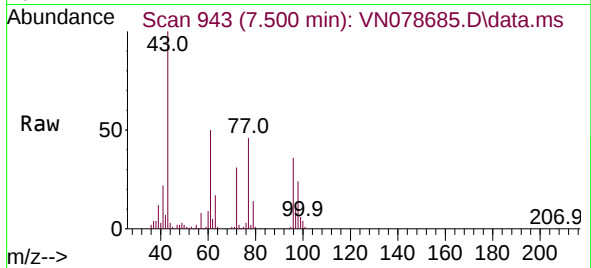
Tgt Ion: 77 Resp: 261608
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.463 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078685.D
 Acq: 28 Jul 2023 15:15

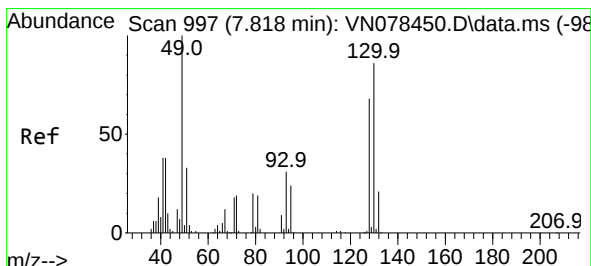
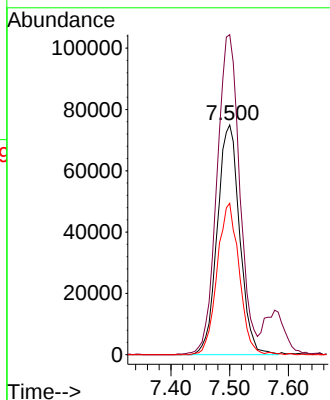
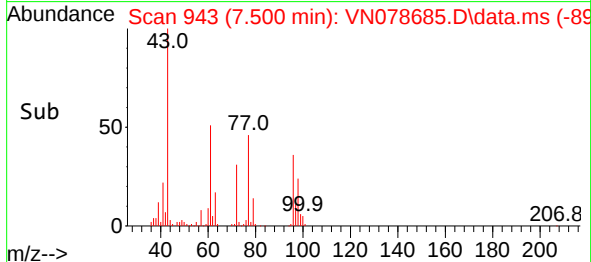
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS03



Tgt Ion: 96 Resp: 198064
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 255.2
 98 64.7 0.0 128.8

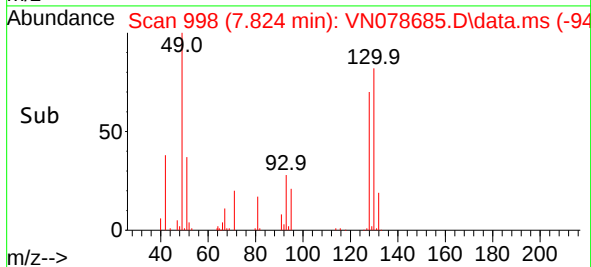
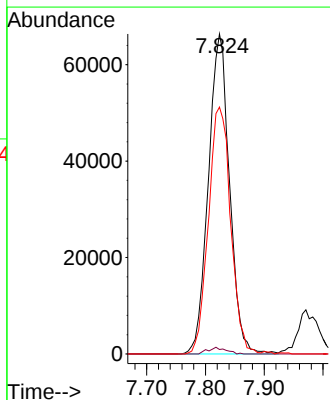
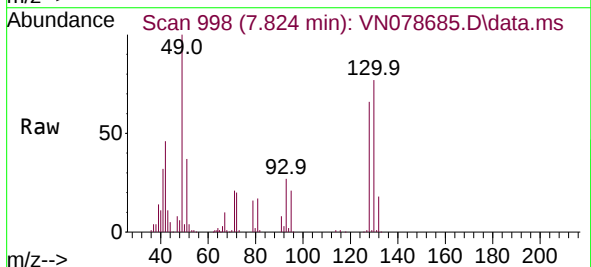
Manual Integrations
 APPROVED

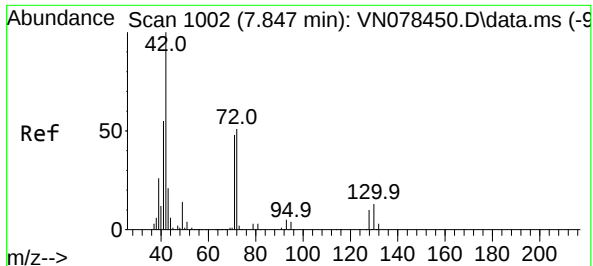
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#28
 Bromochloromethane
 Concen: 20.763 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078685.D
 Acq: 28 Jul 2023 15:15

Tgt Ion: 49 Resp: 165925
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 81.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 108.381 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS03

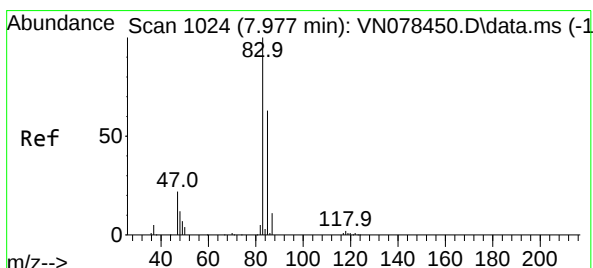
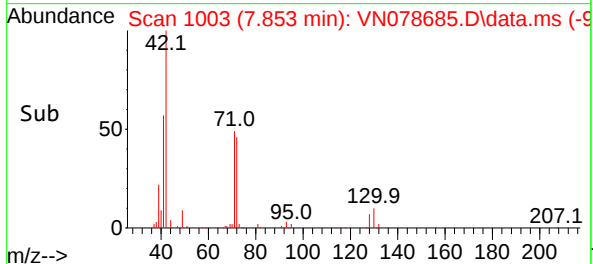
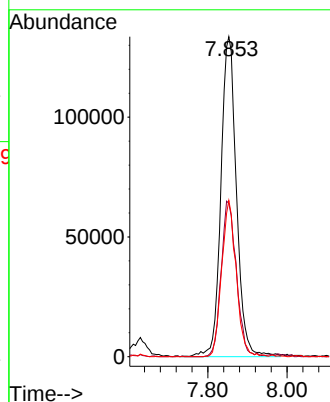
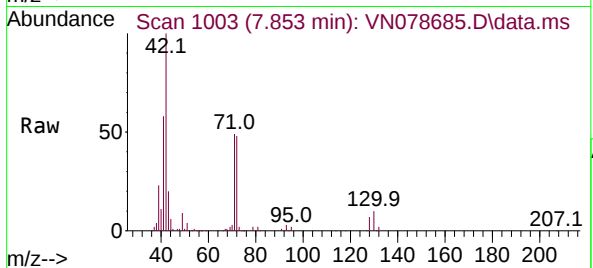
Tgt Ion:	42	Resp:	364594
Ion Ratio	Lower	Upper	
42	100		
72	47.7	49.8	74.6
71	45.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Chloroform

Concen: 18.571 ug/l

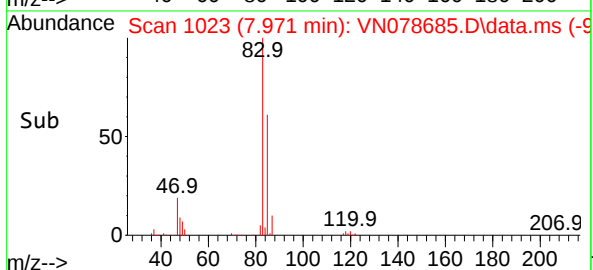
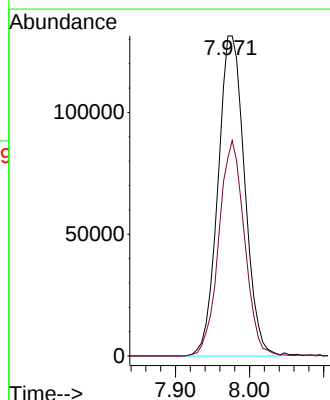
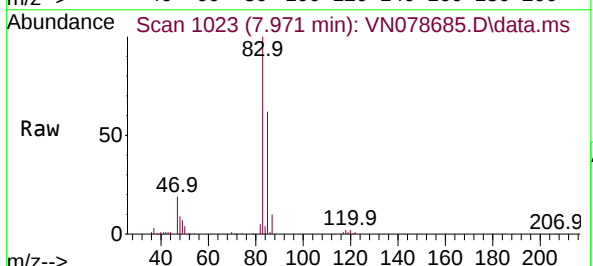
RT: 7.971 min Scan# 1023

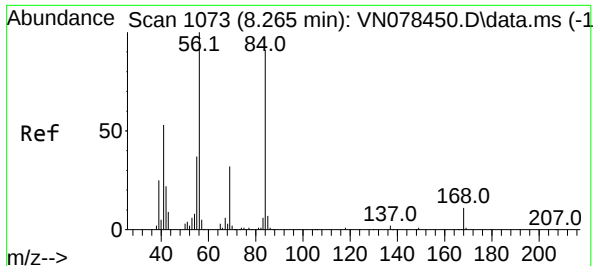
Delta R.T. -0.006 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

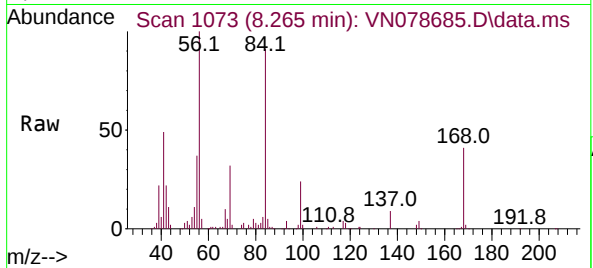
Tgt Ion:	83	Resp:	328042
Ion Ratio	Lower	Upper	
83	100		
85	61.8	55.4	83.0





#31
Cyclohexane
Concen: 18.857 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

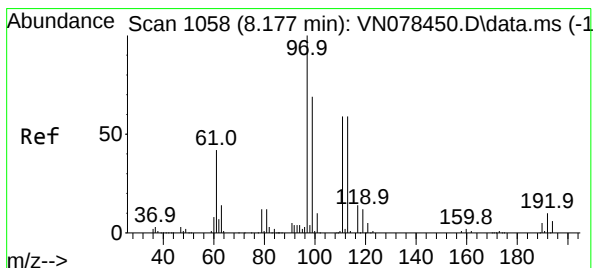
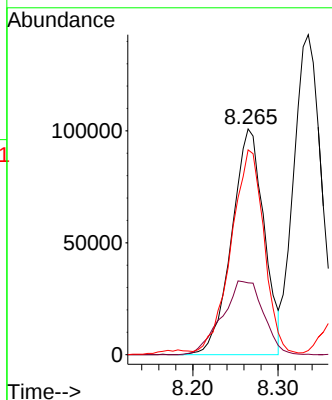
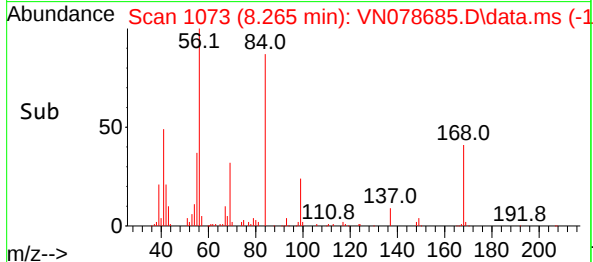
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion: 56 Resp: 26645
Ion Ratio Lower Upper
56 100
69 31.8 26.8 40.2
84 88.6 81.8 122.6

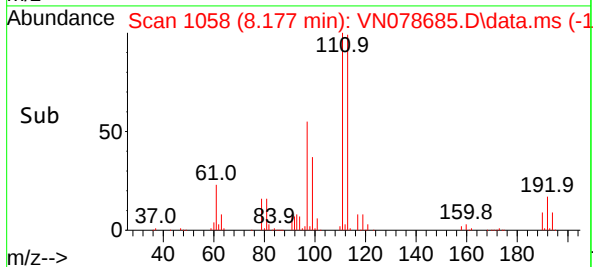
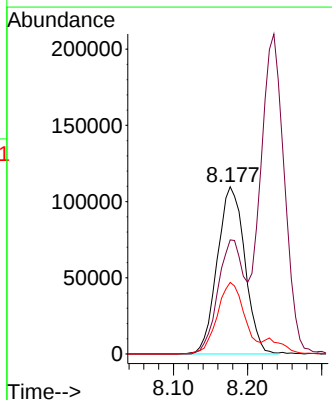
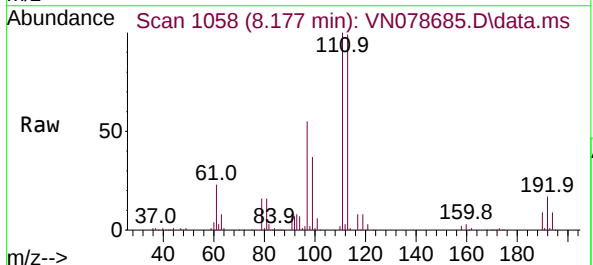
Manual Integrations
APPROVED

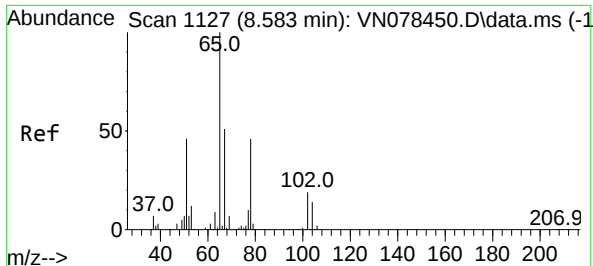
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
1,1,1-Trichloroethane
Concen: 17.872 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Tgt Ion: 97 Resp: 283032
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 42.5 34.7 52.1





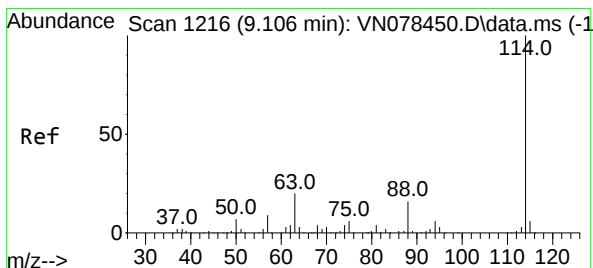
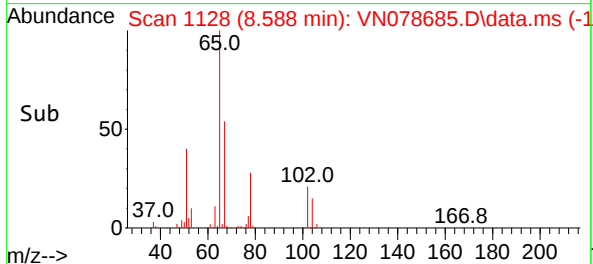
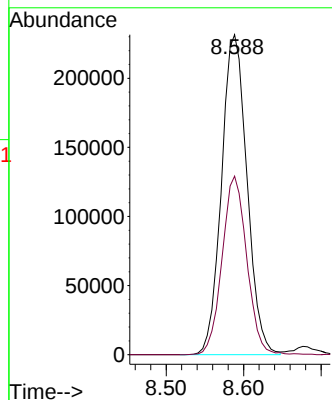
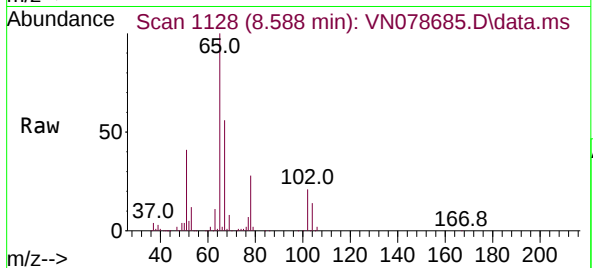
#33
1,2-Dichloroethane-d4
Concen: 50.732 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03

Tgt Ion: 65 Resp: 530420
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.6

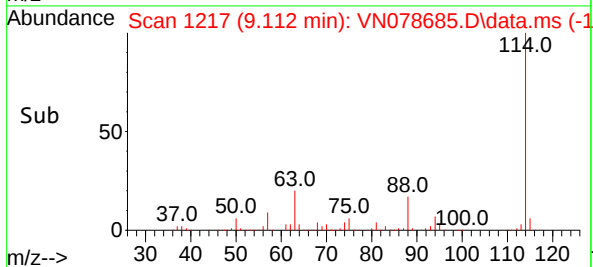
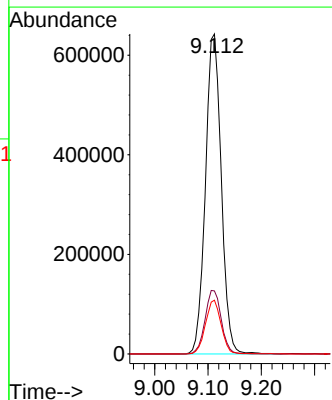
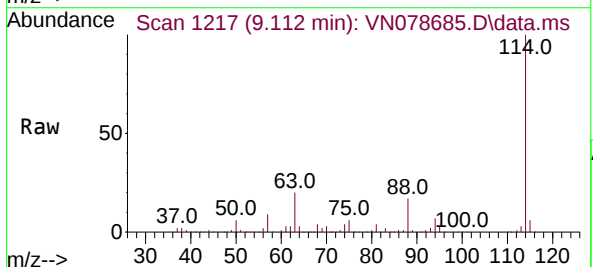
Manual Integrations
APPROVED

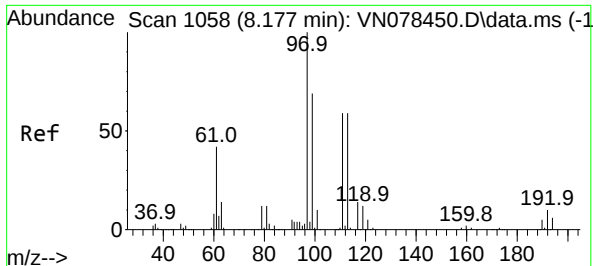
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Tgt Ion:114 Resp: 1327316
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.4
88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.894 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS03

Tgt Ion:113 Resp: 47658

Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

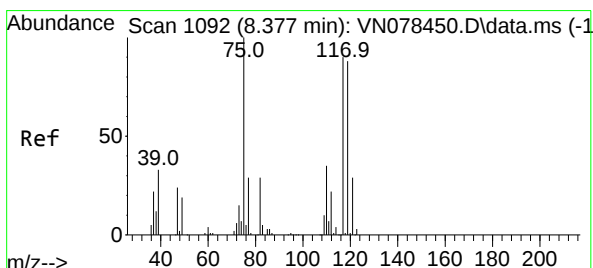
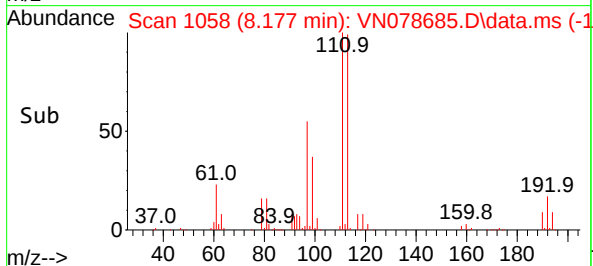
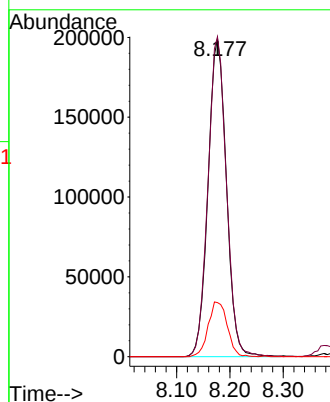
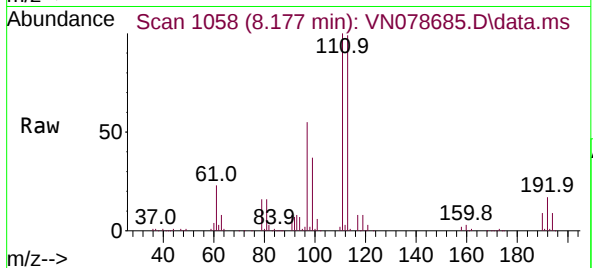
192 18.0 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#36

1,1-Dichloropropene

Concen: 18.601 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

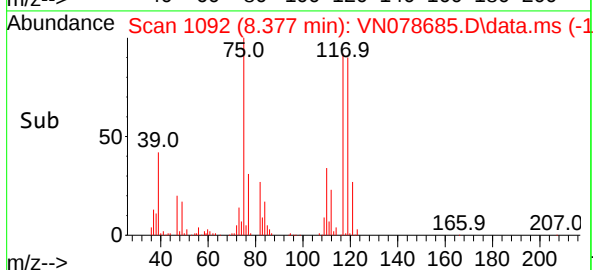
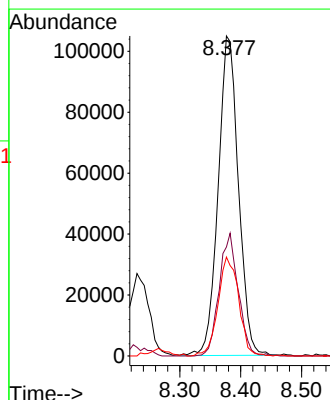
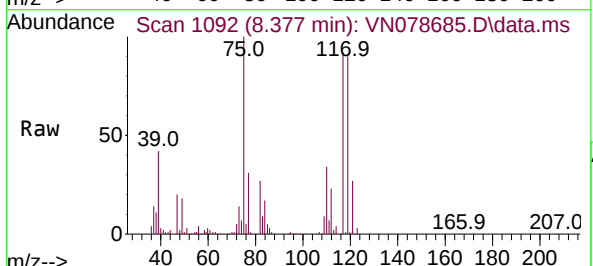
Tgt Ion: 75 Resp: 241999

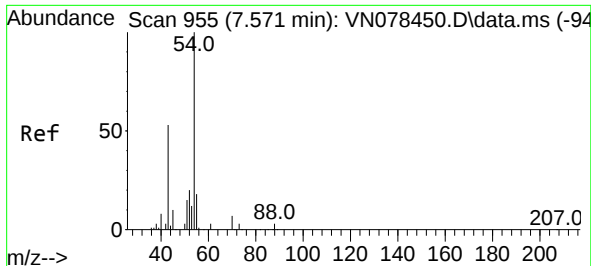
Ion Ratio Lower Upper

75 100

110 36.1 19.1 57.3

77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 20.707 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078685.D

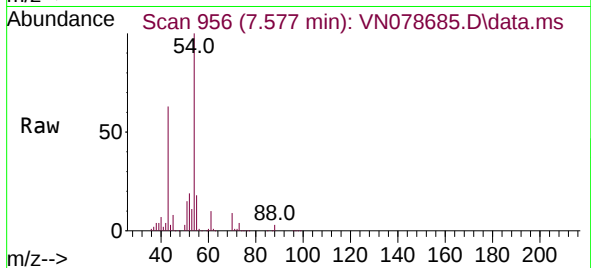
Acq: 28 Jul 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS03



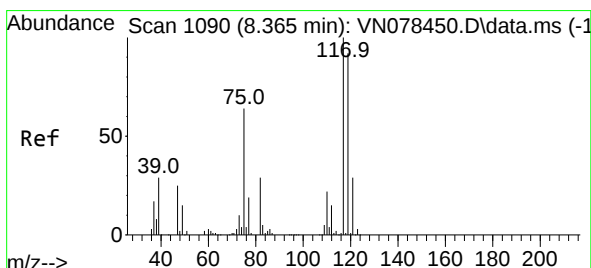
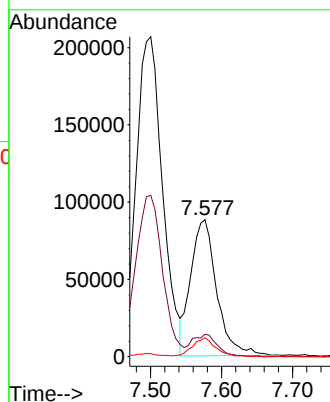
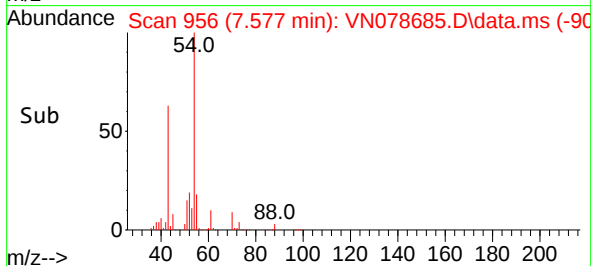
Tgt Ion:	43	Resp:	22457
Ion	Ratio	Lower	Upper
43	100		
61	15.3	13.2	19.8
70	12.6	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#38

Carbon Tetrachloride

Concen: 18.417 ug/l

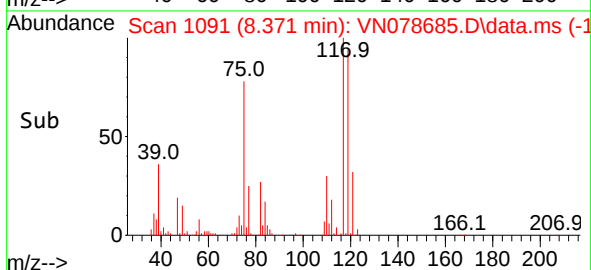
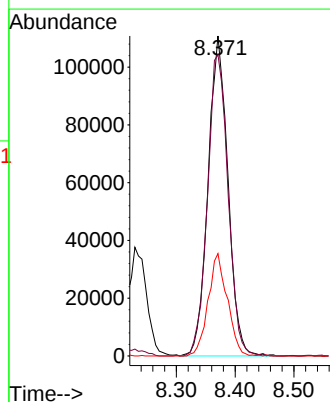
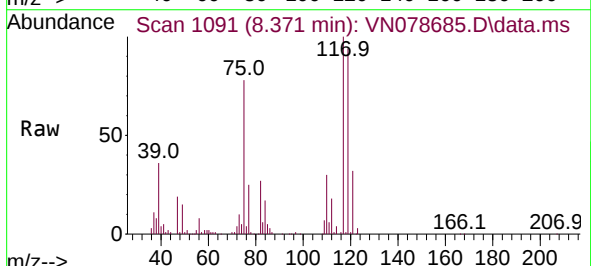
RT: 8.371 min Scan# 1091

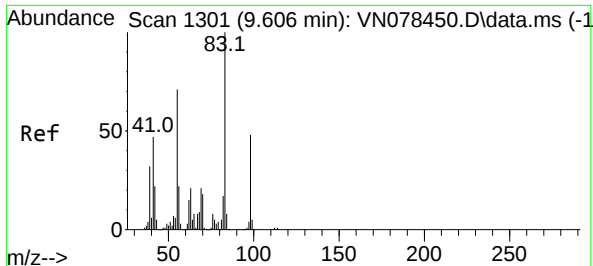
Delta R.T. 0.006 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

Tgt Ion:	117	Resp:	260414
Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.3	115.9
121	32.0	23.3	34.9





#39

Methylcyclohexane

Concen: 19.026 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078685.D

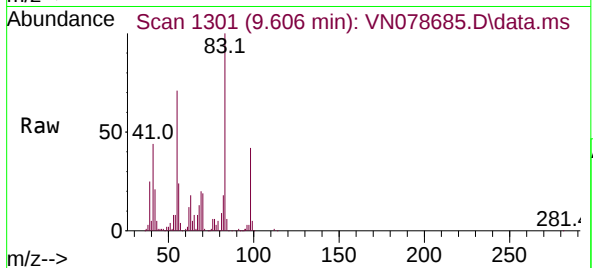
Acq: 28 Jul 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS03



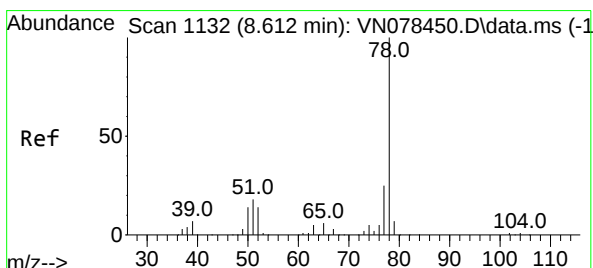
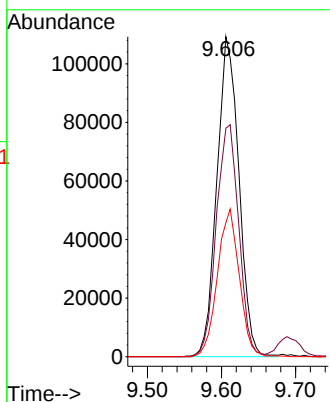
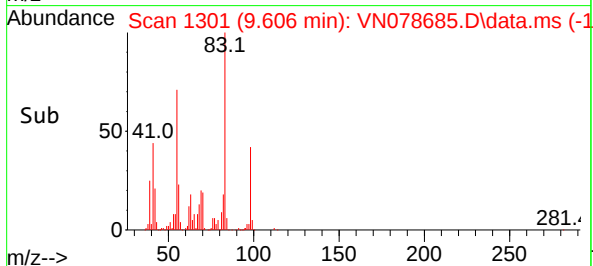
Tgt Ion:	83	Resp:	22594
Ion	Ratio	Lower	Upper
83	100		
55	71.4	49.1	73.7
98	41.9	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Benzene

Concen: 19.686 ug/l

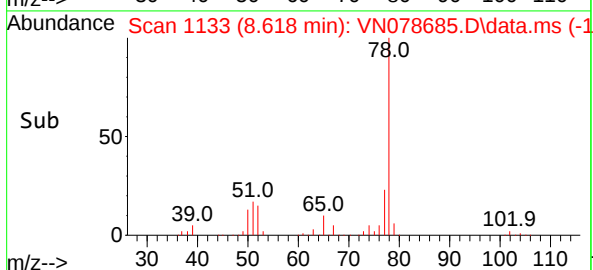
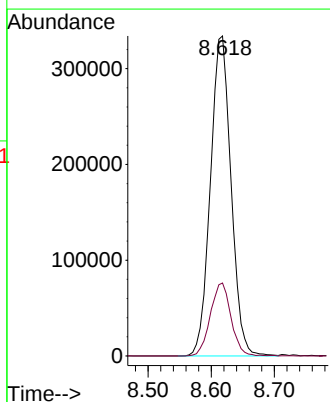
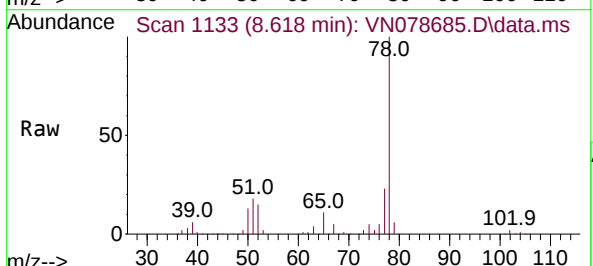
RT: 8.618 min Scan# 1133

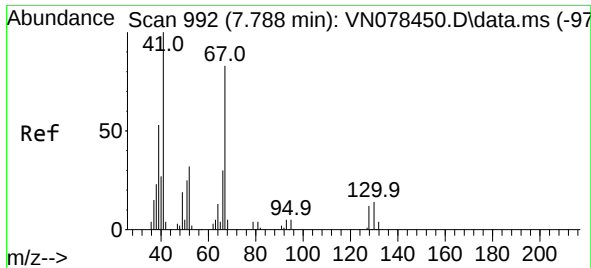
Delta R.T. 0.006 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

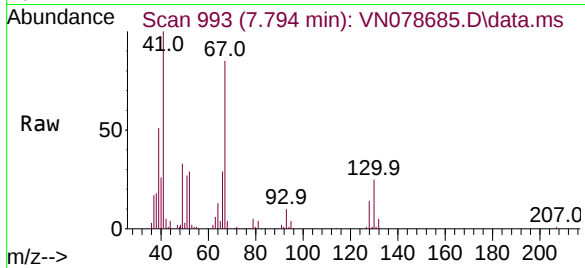
Tgt Ion:	78	Resp:	758745
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.6





#41
Methacrylonitrile
Concen: 22.792 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

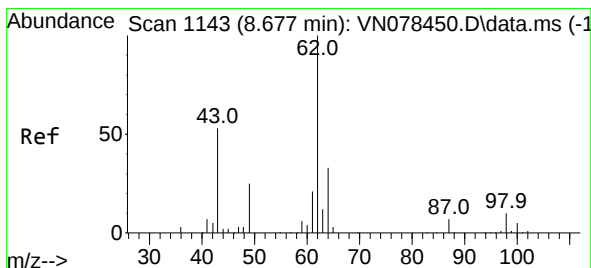
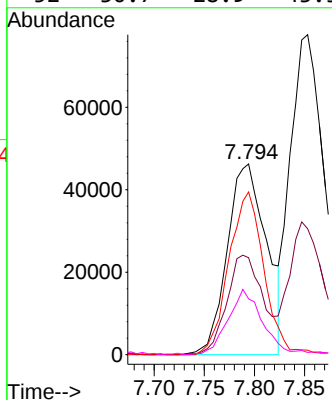
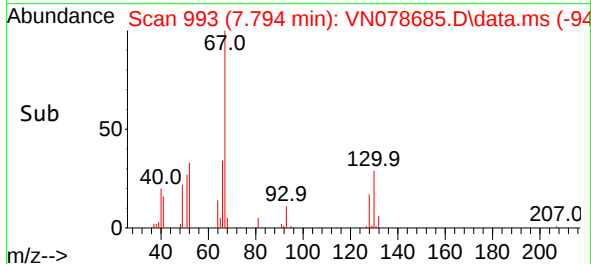
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion: 41 Resp: 126014
Ion Ratio Lower Upper
41 100
39 46.8 42.6 64.0
67 76.7 77.5 116.3
52 30.7 28.9 43.3

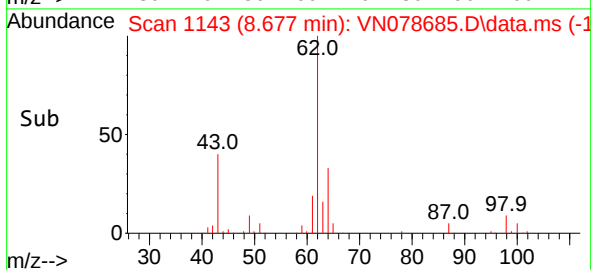
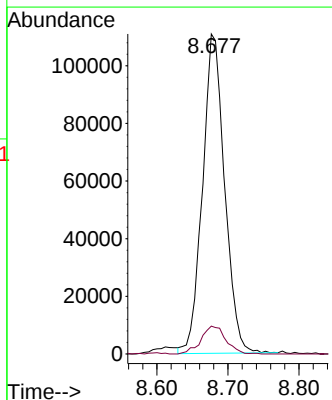
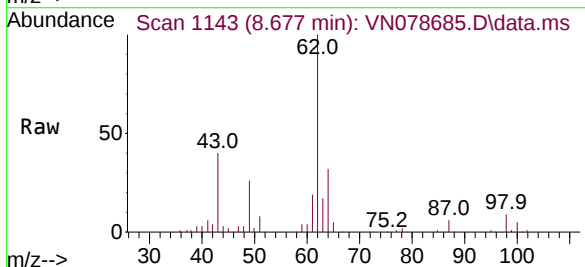
Manual Integrations
APPROVED

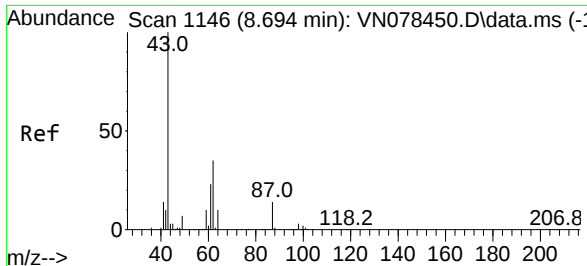
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1,2-Dichloroethane
Concen: 18.302 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

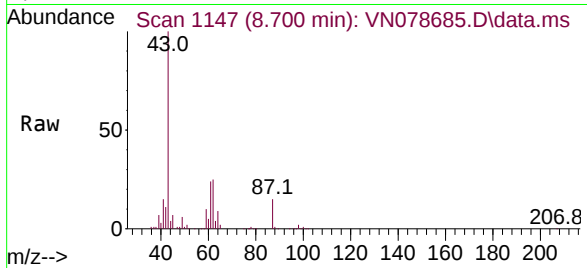
Tgt Ion: 62 Resp: 239936
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 21.881 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

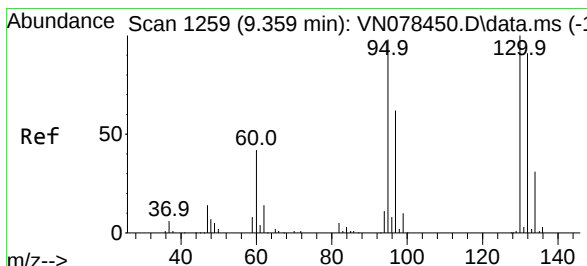
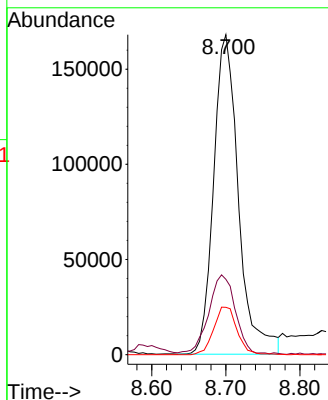
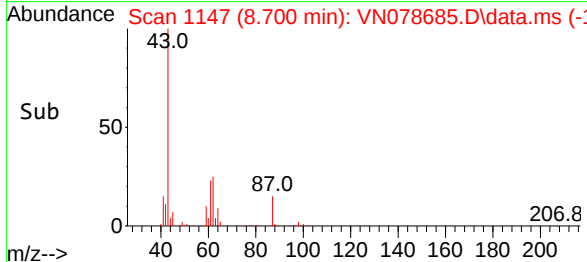
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion: 43 Resp: 39069
Ion Ratio Lower Upper
43 100
61 26.7 24.7 37.1
87 14.0 14.6 21.8

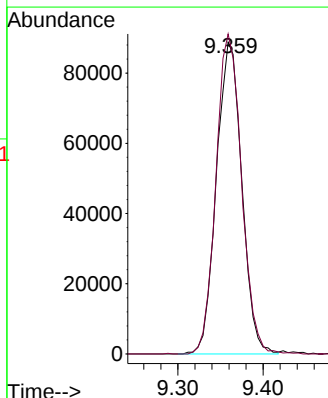
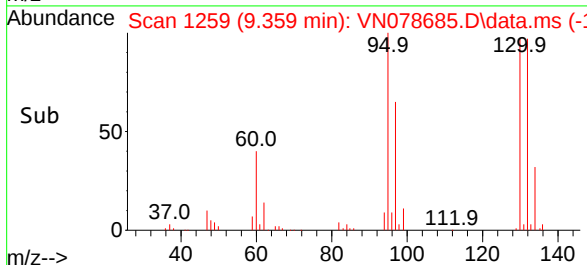
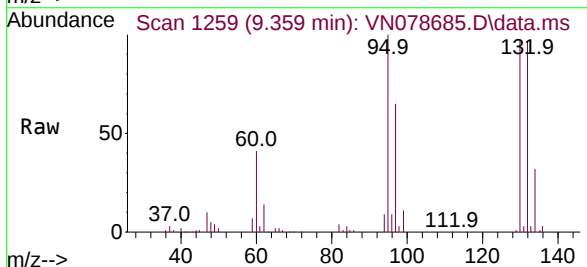
Manual Integrations
APPROVED

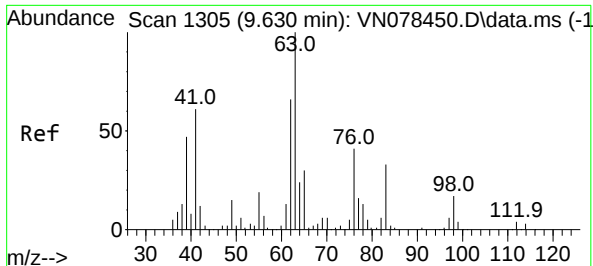
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#44
Trichloroethene
Concen: 17.727 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Tgt Ion:130 Resp: 184149
Ion Ratio Lower Upper
130 100
95 102.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.266 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS03

Tgt Ion: 63 Resp: 197834

Ion Ratio Lower Upper

63 100

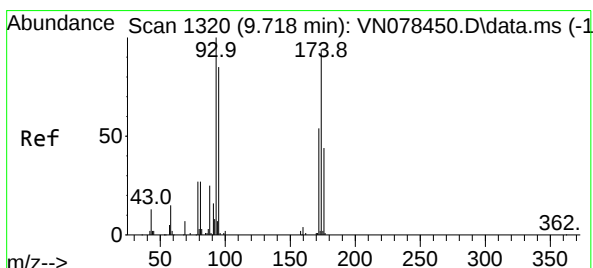
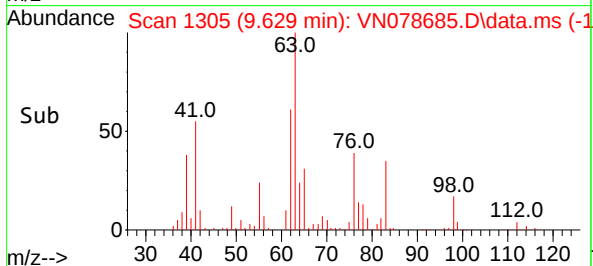
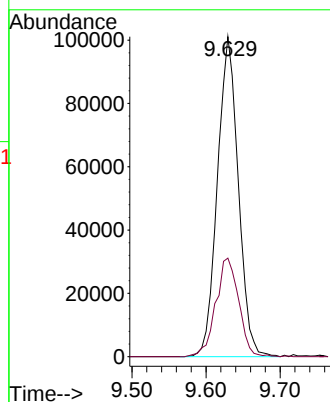
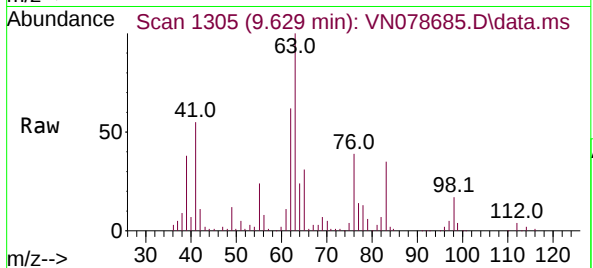
65 30.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#46

Dibromomethane

Concen: 18.816 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

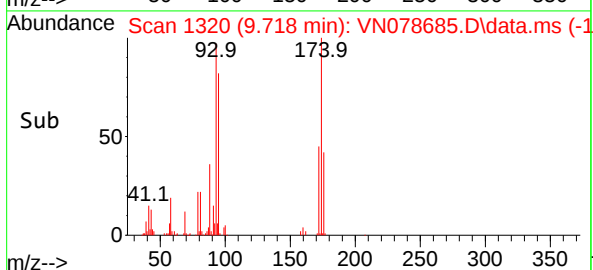
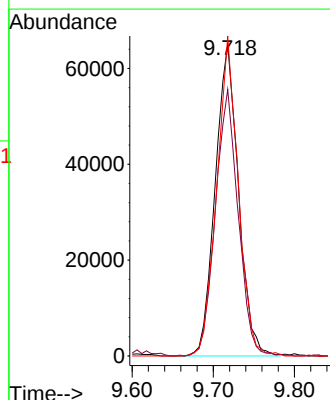
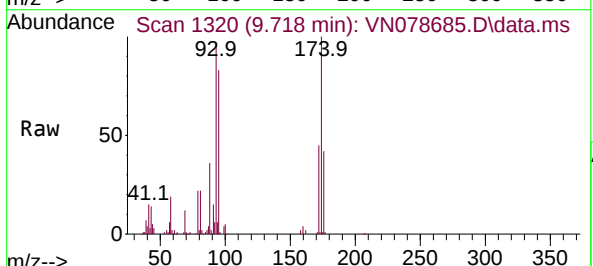
Tgt Ion: 93 Resp: 129277

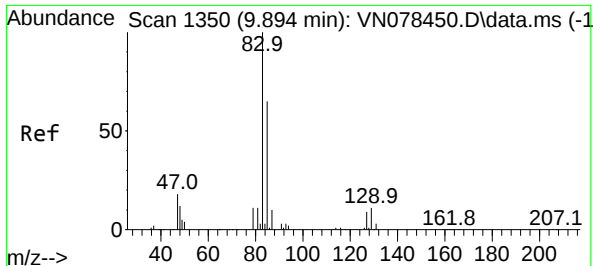
Ion Ratio Lower Upper

93 100

95 84.0 63.8 95.8

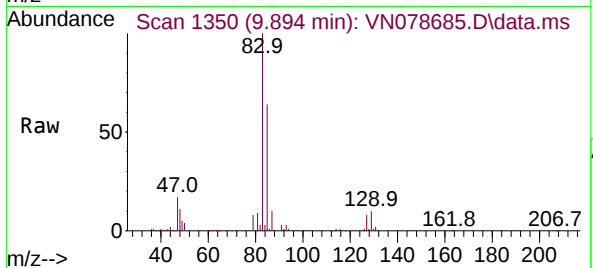
174 95.3 65.6 98.4





#47
Bromodichloromethane
Concen: 18.772 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

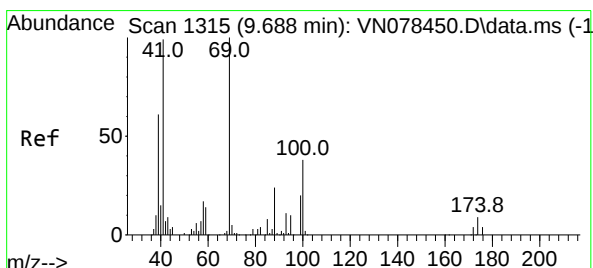
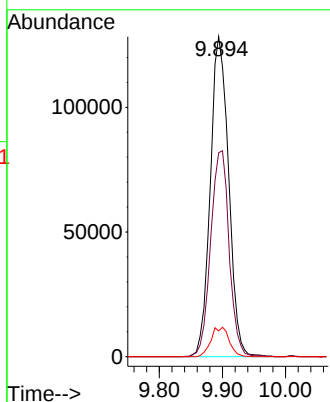
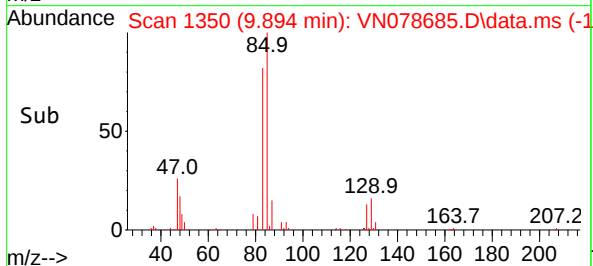
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion: 83 Resp: 25855
Ion Ratio Lower Upper
83 100
85 63.8 49.6 74.4
127 8.0 7.0 10.6

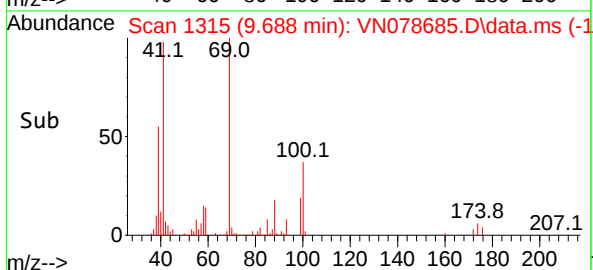
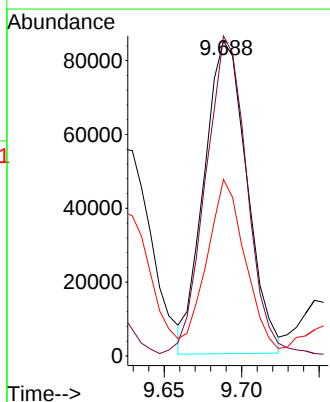
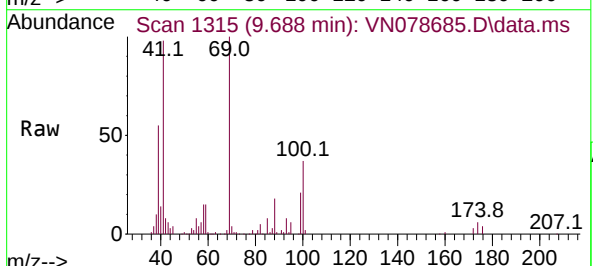
Manual Integrations
APPROVED

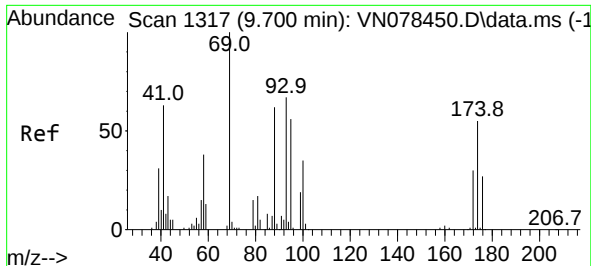
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Methyl methacrylate
Concen: 19.667 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Tgt Ion: 41 Resp: 162688
Ion Ratio Lower Upper
41 100
69 98.5 90.4 135.6
39 51.6 54.6 81.8#





#49

1,4-Dioxane

Concen: 416.419 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS03

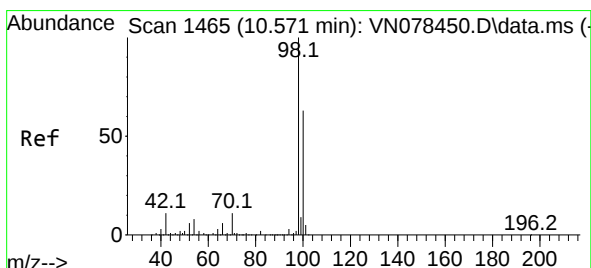
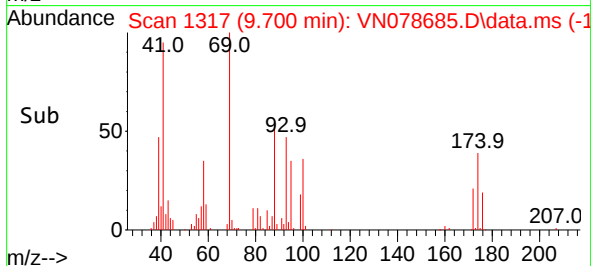
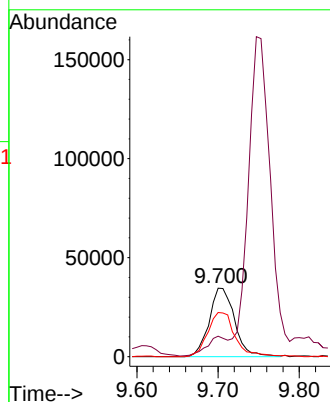
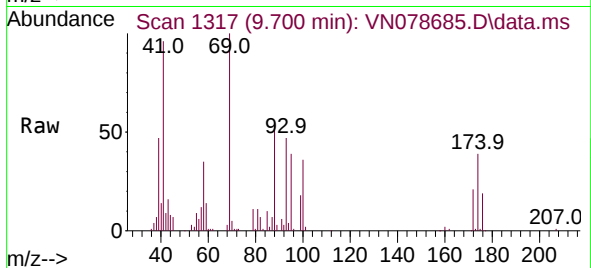
Tgt Ion:	88	Resp:	7512
Ion Ratio	Lower	Upper	
88	100		
43	23.0	17.0	25.6
58	69.9	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

Toluene-d8

Concen: 49.983 ug/l

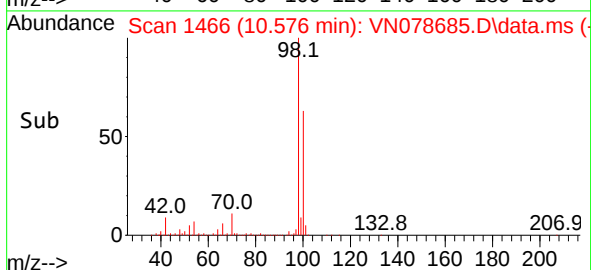
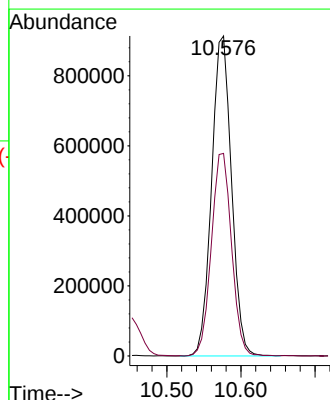
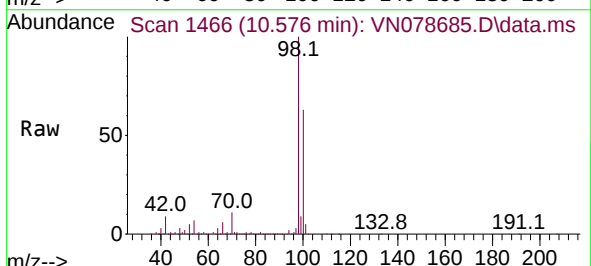
RT: 10.576 min Scan# 1466

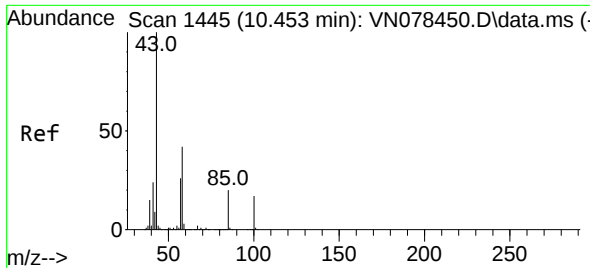
Delta R.T. 0.005 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

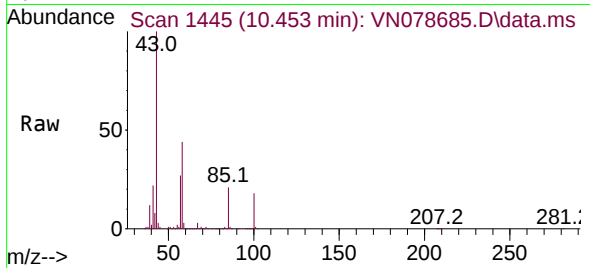
Tgt Ion:	98	Resp:	1701314
Ion Ratio	Lower	Upper	
98	100		
100	64.3	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 104.610 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

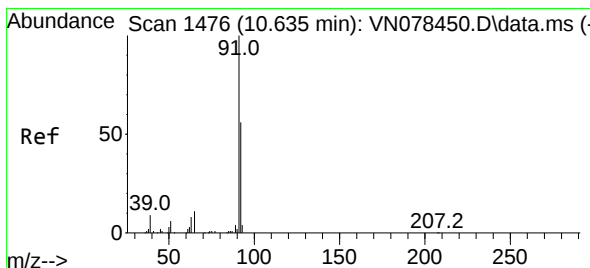
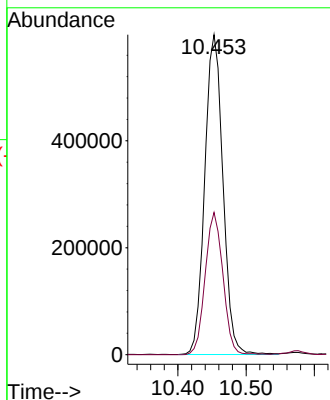
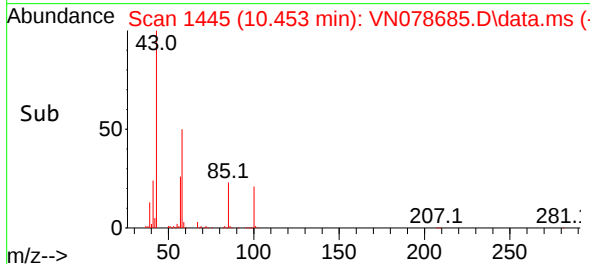
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion: 43 Resp: 1111020
Ion Ratio Lower Upper
43 100
58 43.4 36.6 54.8

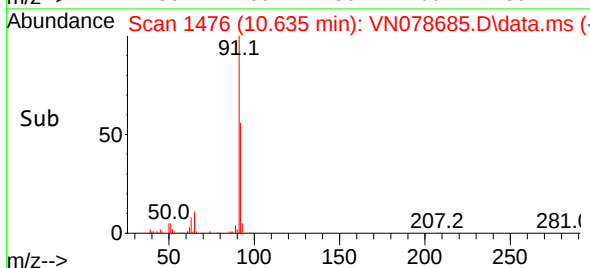
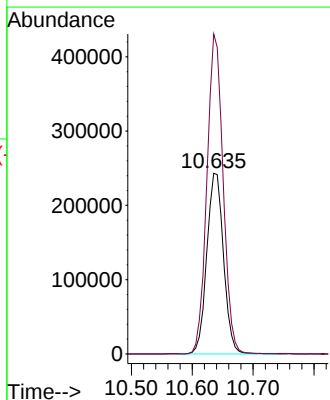
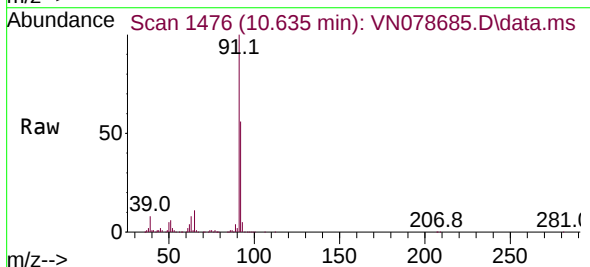
Manual Integrations
APPROVED

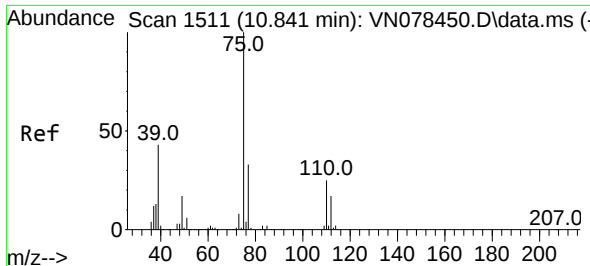
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#52
Toluene
Concen: 19.382 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

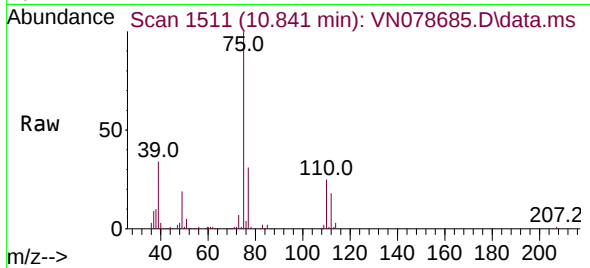
Tgt Ion: 92 Resp: 462993
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.148 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

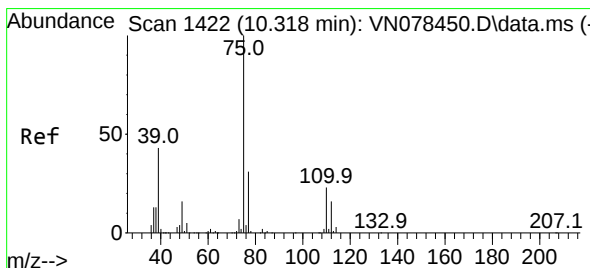
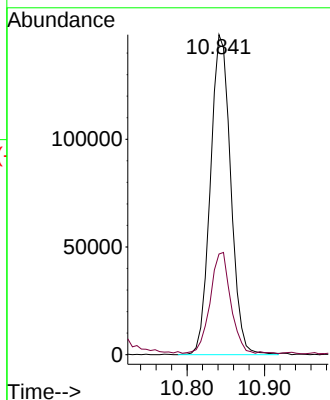
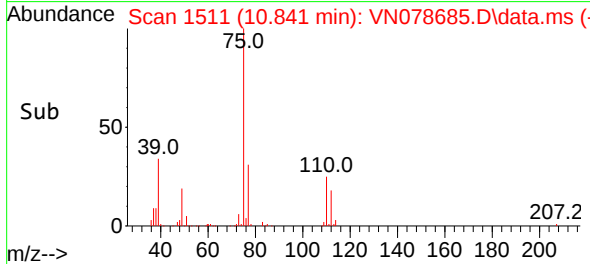
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



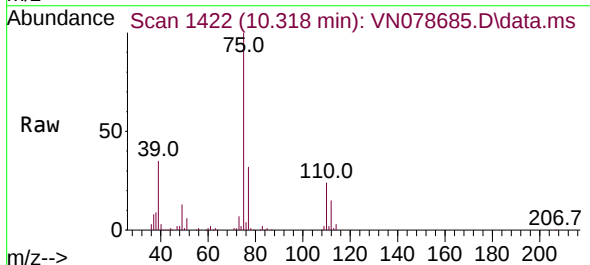
Tgt Ion: 75 Resp: 27017
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

Manual Integrations
APPROVED

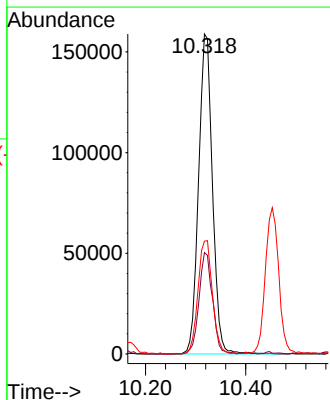
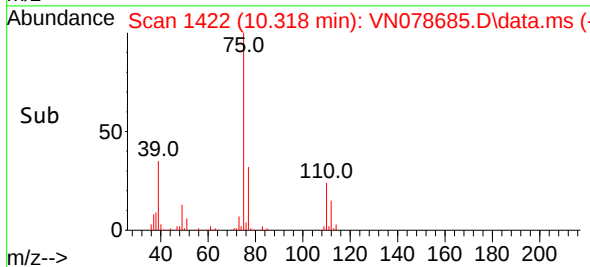
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

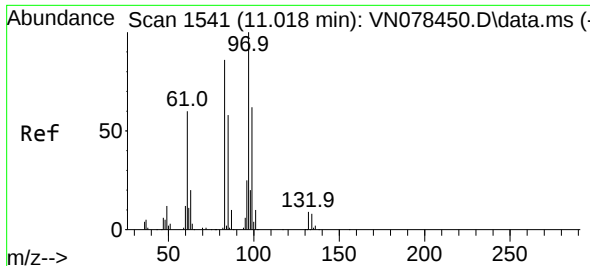


#54
cis-1,3-Dichloropropene
Concen: 20.256 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15



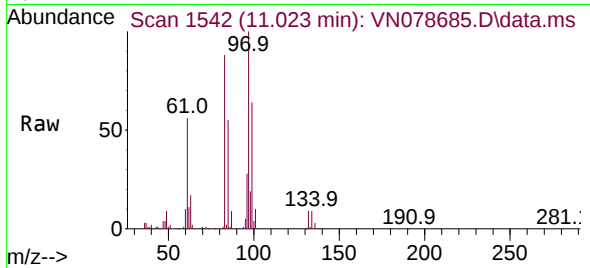
Tgt Ion: 75 Resp: 304654
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 35.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.326 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

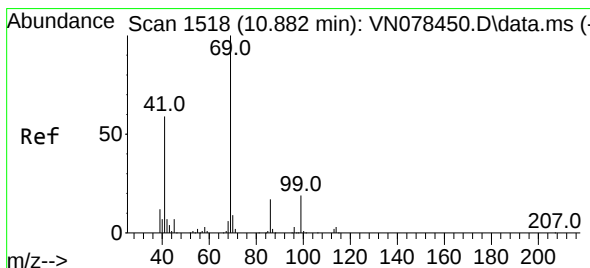
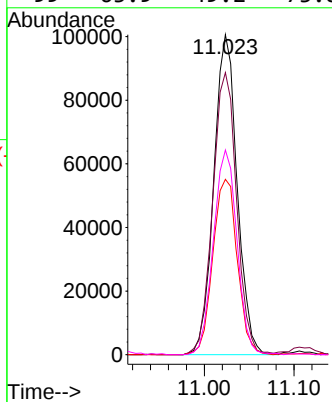
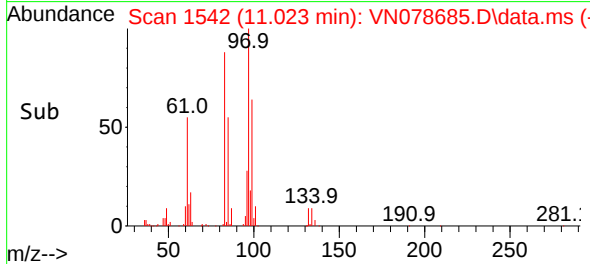
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion: 97 Resp: 181894
Ion Ratio Lower Upper
97 100
83 88.2 65.1 97.7
85 54.8 43.4 65.2
99 63.9 49.2 73.8

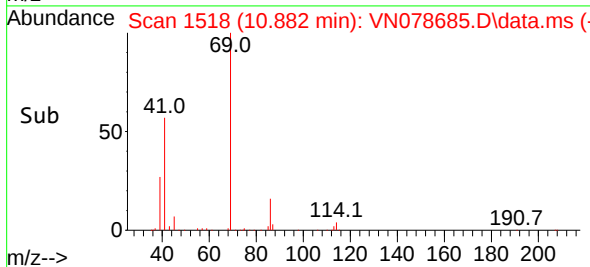
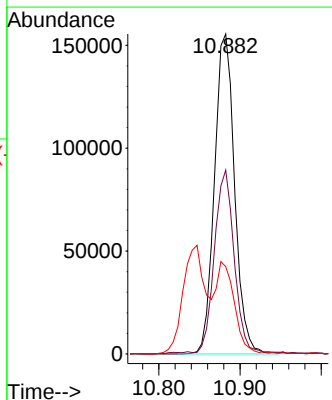
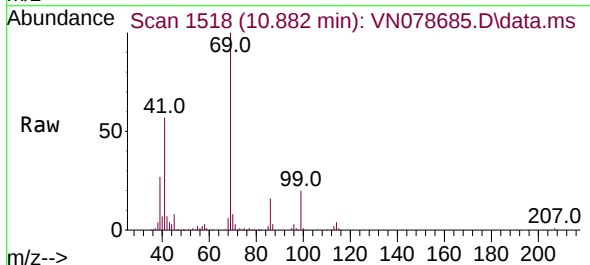
Manual Integrations
APPROVED

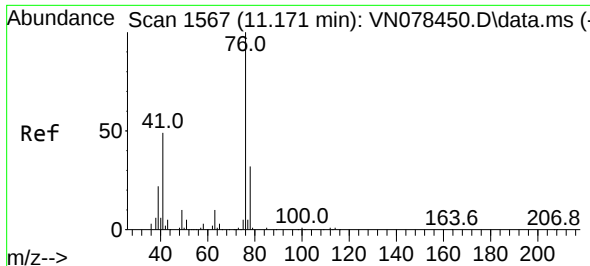
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
Ethyl methacrylate
Concen: 20.393 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

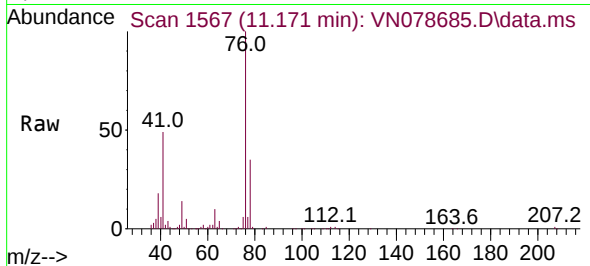
Tgt Ion: 69 Resp: 268308
Ion Ratio Lower Upper
69 100
41 57.2 39.6 59.4
39 26.7 28.6 43.0#





#57
1,3-Dichloropropane
Concen: 19.382 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

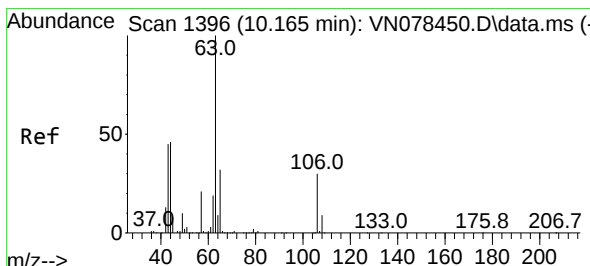
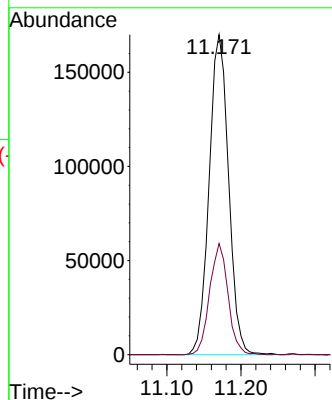
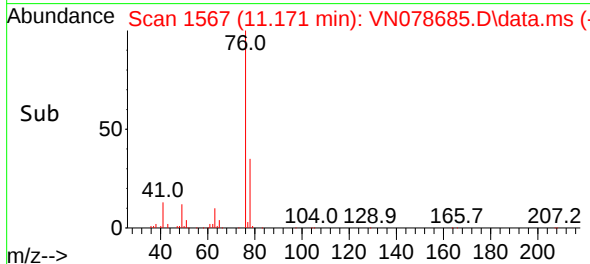
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion: 76 Resp: 310160
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

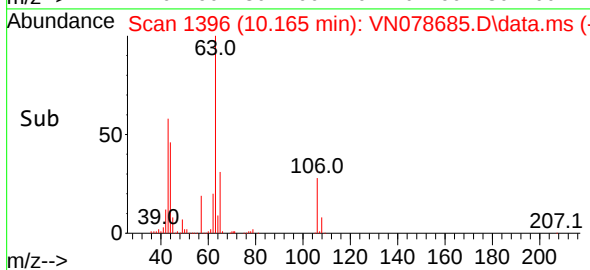
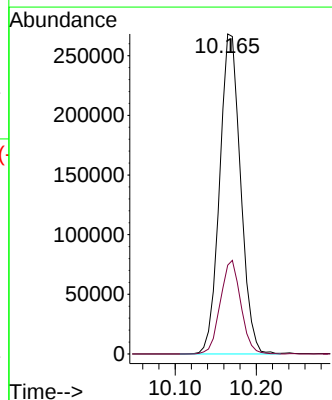
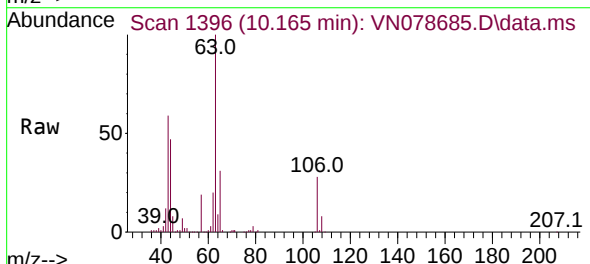
Manual Integrations
APPROVED

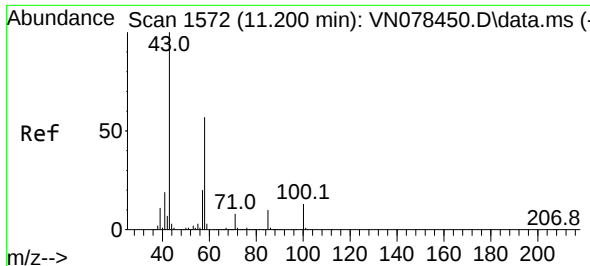
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
2-Chloroethyl Vinyl ether
Concen: 102.834 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

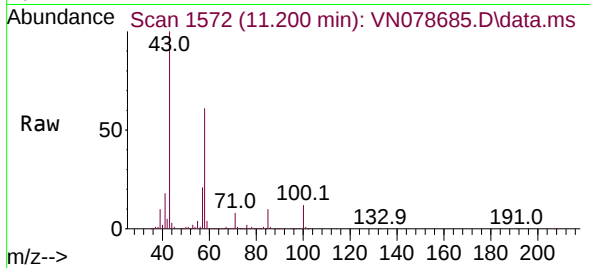
Tgt Ion: 63 Resp: 482153
Ion Ratio Lower Upper
63 100
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 105.397 ug/l
RT: 11.200 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

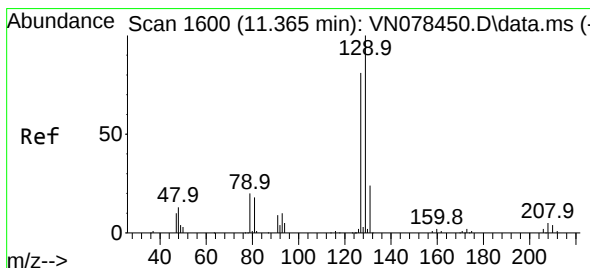
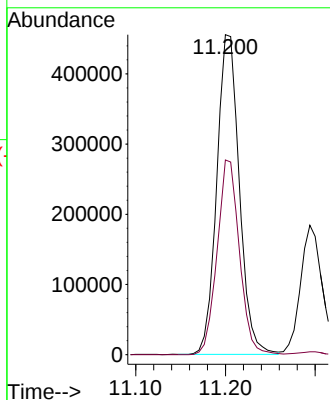
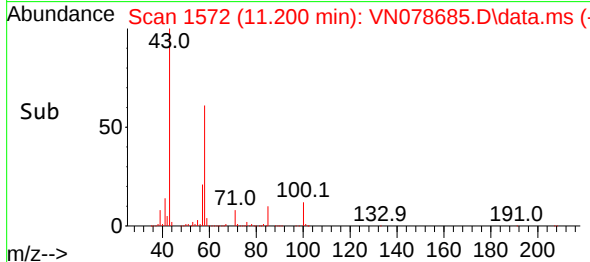
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion: 43 Resp: 79556
Ion Ratio Lower Upper
43 100
58 60.1 31.7 95.1

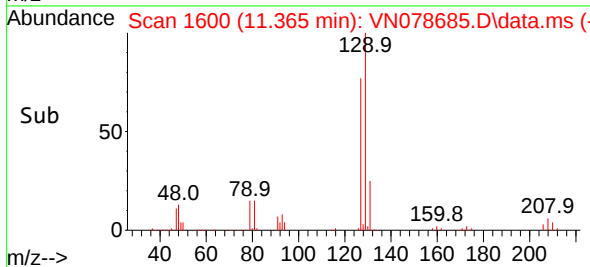
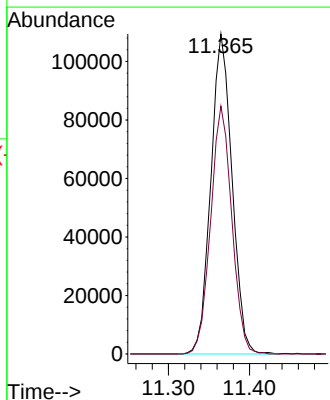
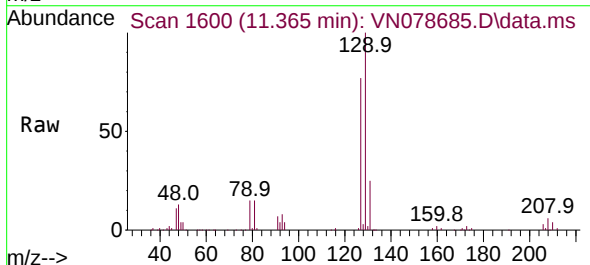
Manual Integrations
APPROVED

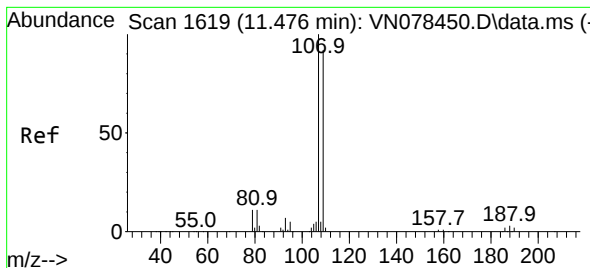
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
Dibromochloromethane
Concen: 19.113 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

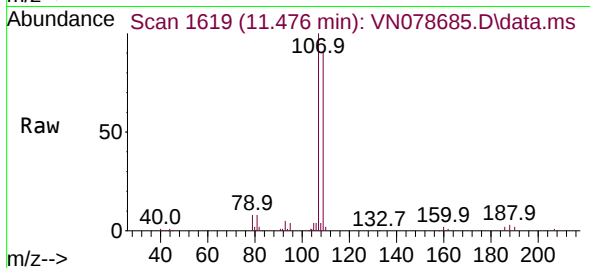
Tgt Ion:129 Resp: 198594
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.651 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

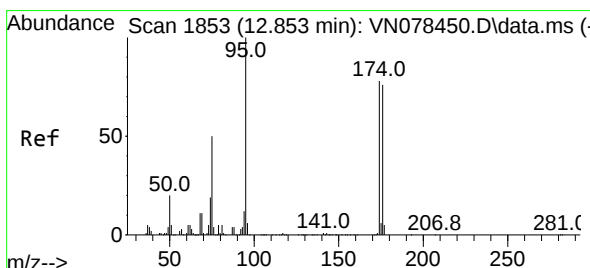
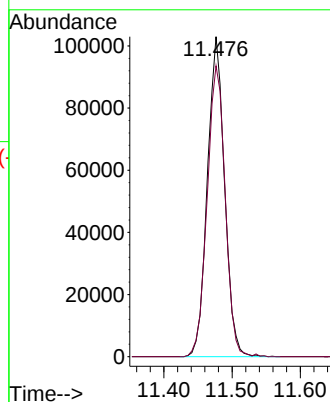
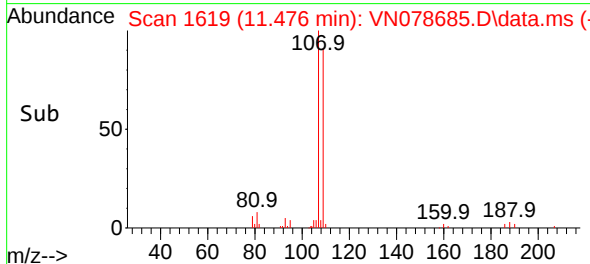
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



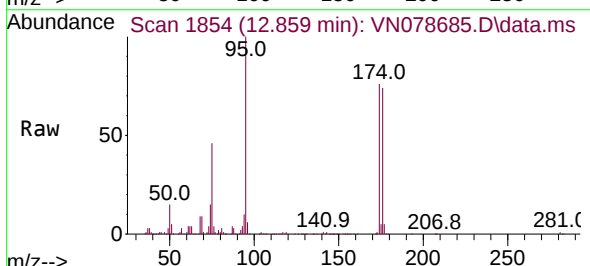
Tgt Ion:107 Resp: 180828
Ion Ratio Lower Upper
107 100
109 95.2 76.6 114.8

Manual Integrations
APPROVED

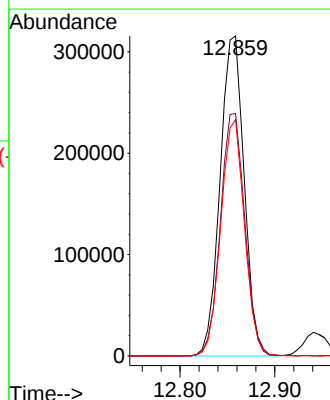
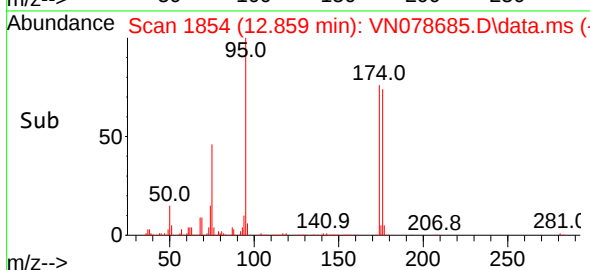
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

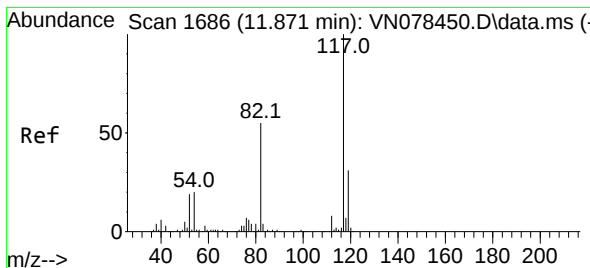


#62
4-Bromofluorobenzene
Concen: 53.155 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15



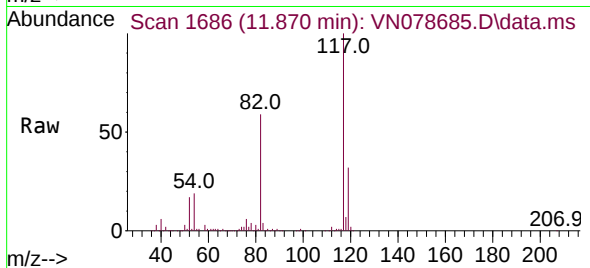
Tgt Ion: 95 Resp: 557298
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 72.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

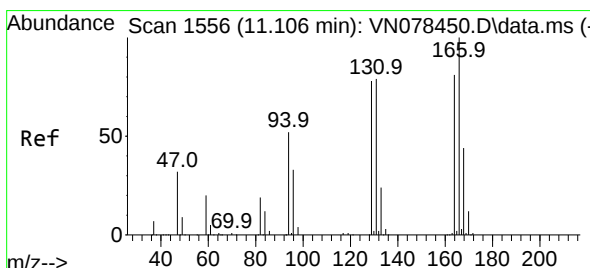
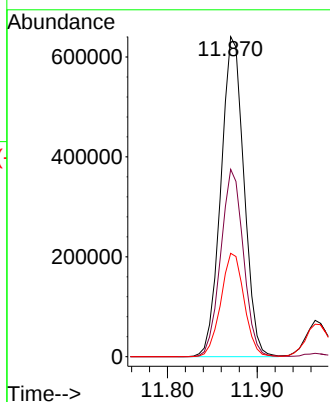
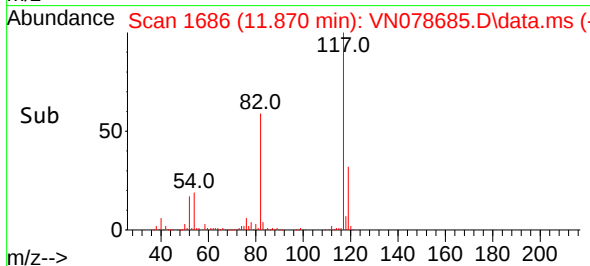
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion:117 Resp: 1143744
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 32.3 25.6 38.4

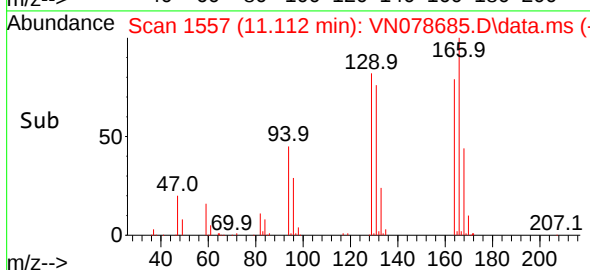
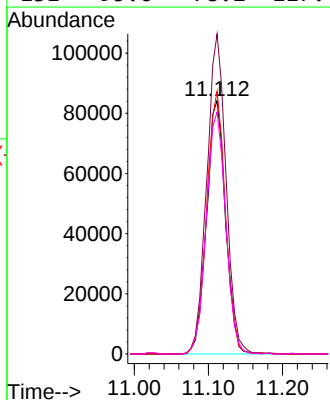
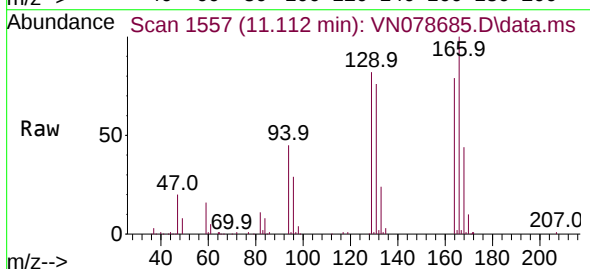
Manual Integrations
APPROVED

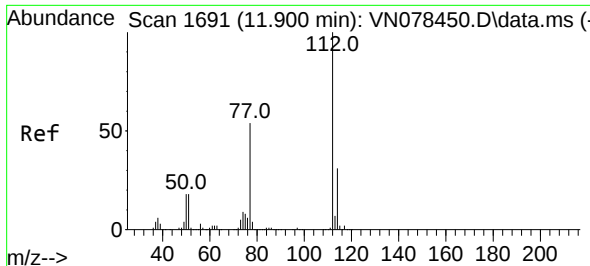
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
Tetrachloroethene
Concen: 17.448 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Tgt Ion:164 Resp: 150033
Ion Ratio Lower Upper
164 100
166 126.4 101.4 152.0
129 103.7 82.4 123.6
131 95.6 78.2 117.4





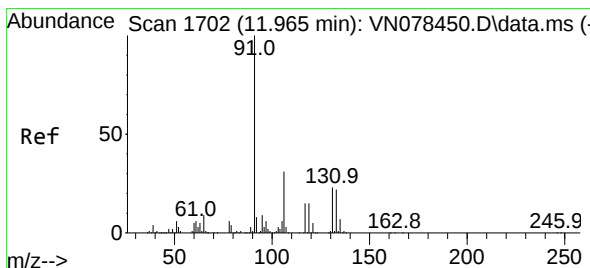
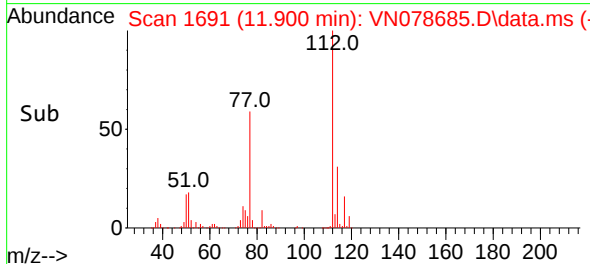
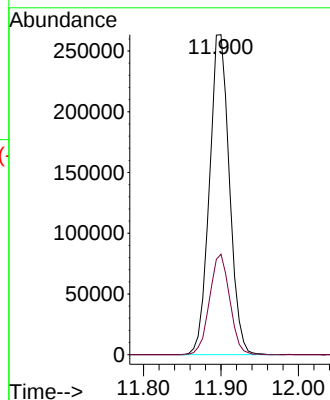
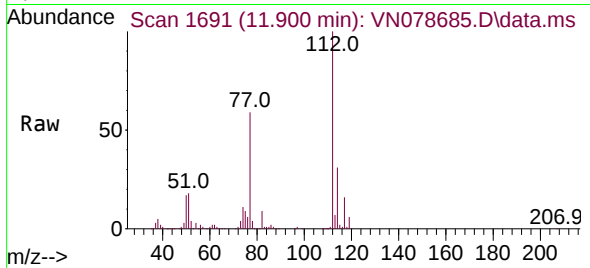
#65
Chlorobenzene
Concen: 18.434 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03

Tgt Ion:112 Resp: 471268
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

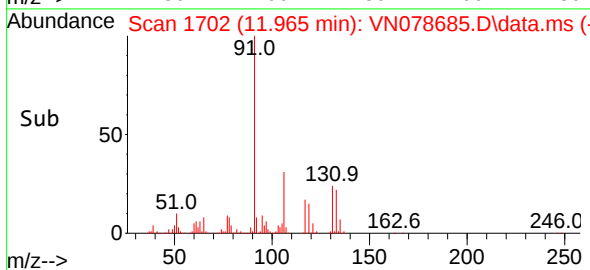
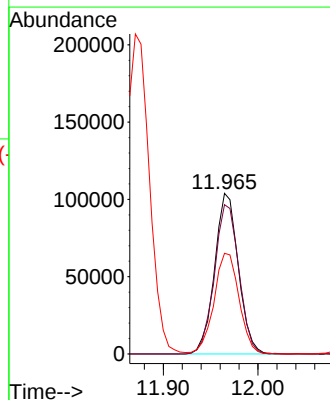
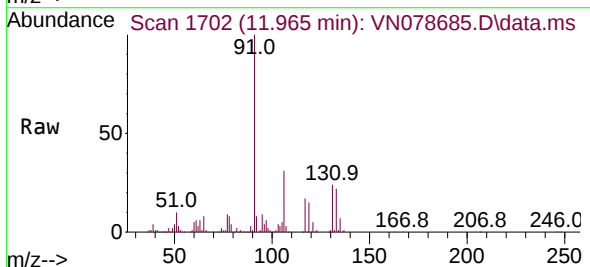
Manual Integrations
APPROVED

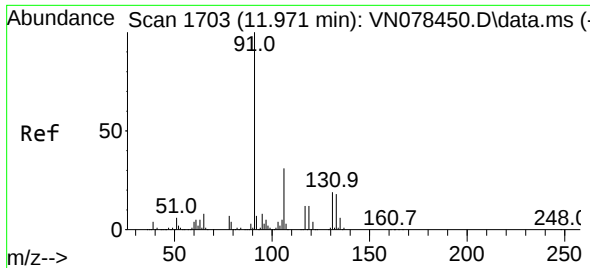
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.422 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

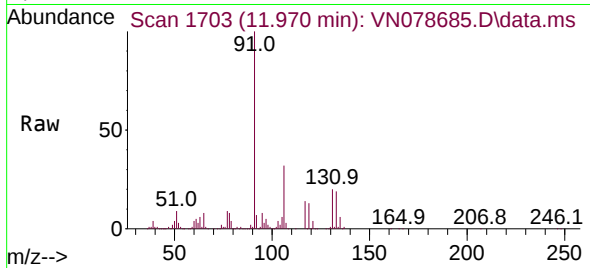
Tgt Ion:131 Resp: 181183
Ion Ratio Lower Upper
131 100
133 95.9 46.4 139.1
119 66.3 34.1 102.2





#67
Ethyl Benzene
Concen: 19.019 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

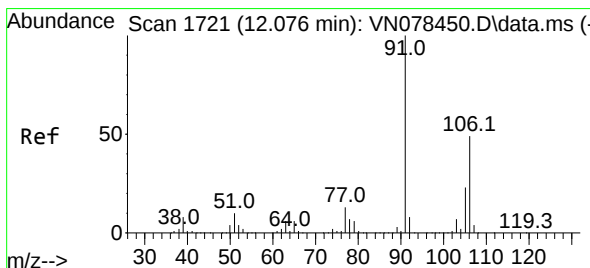
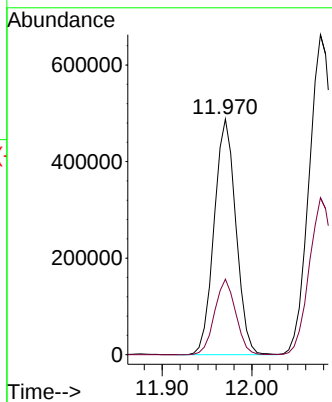
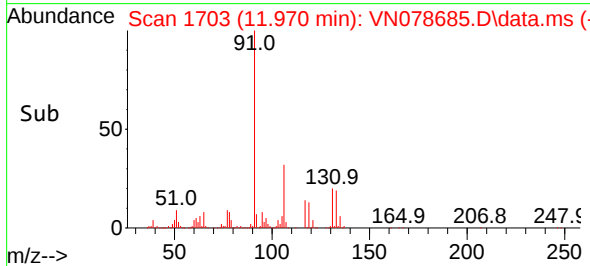
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



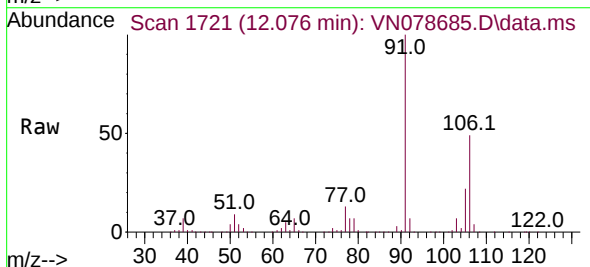
Tgt Ion: 91 Resp: 821879
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

Manual Integrations
APPROVED

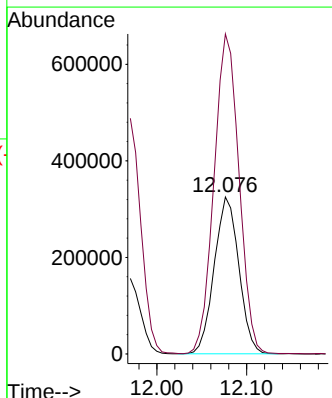
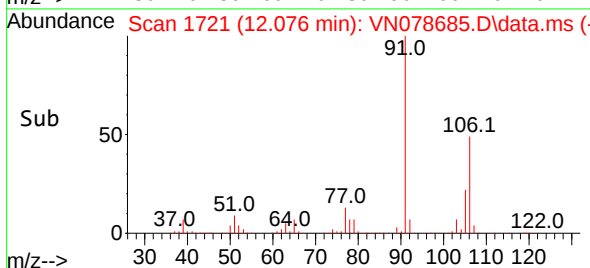
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

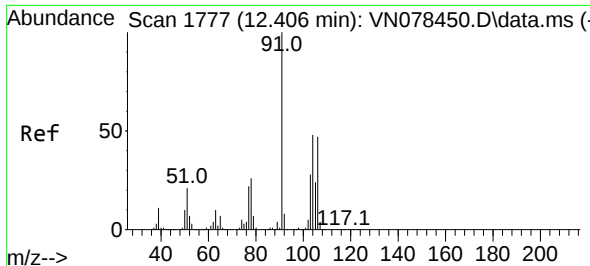


#68
m/p-Xylenes
Concen: 38.714 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15



Tgt Ion:106 Resp: 618546
Ion Ratio Lower Upper
106 100
91 207.5 159.6 239.4





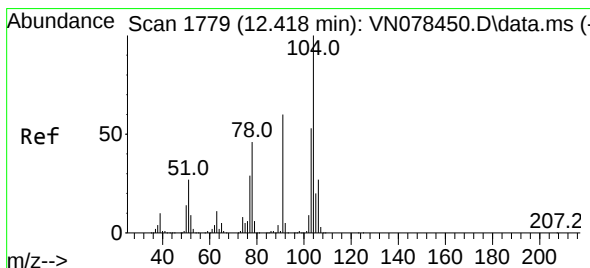
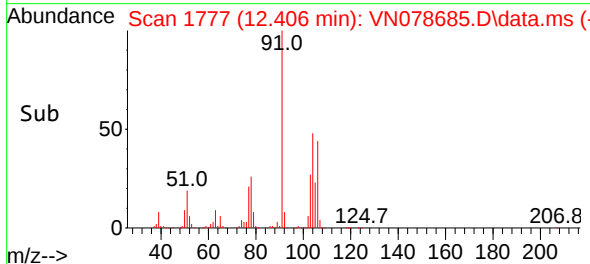
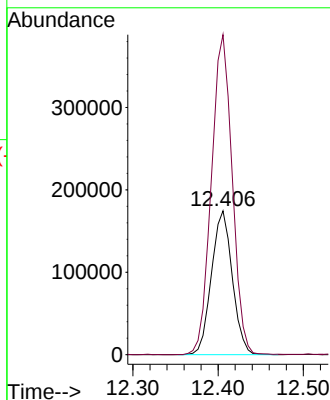
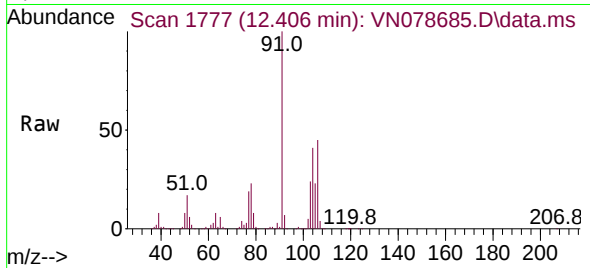
#69
o-Xylene
Concen: 18.349 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03

Tgt Ion:106 Resp: 296117
Ion Ratio Lower Upper
106 100
91 223.3 105.2 315.5

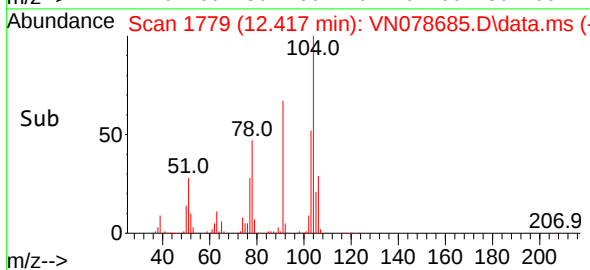
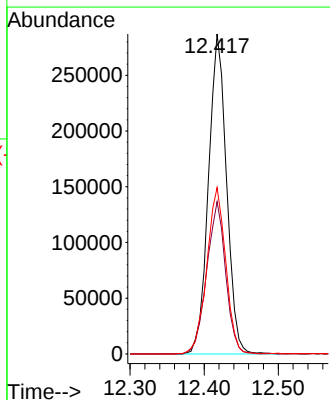
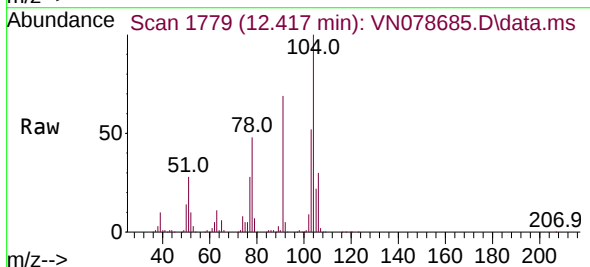
Manual Integrations
APPROVED

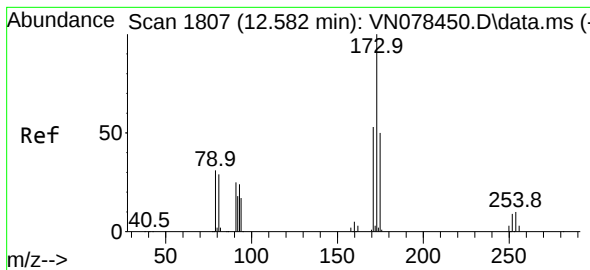
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
Styrene
Concen: 19.247 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Tgt Ion:104 Resp: 485950
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 54.6 43.2 64.8





#71

Bromoform

Concen: 19.631 ug/l

RT: 12.588 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS03

Tgt Ion:173 Resp: 130759

Ion Ratio Lower Upper

173 100

175 50.8 24.3 73.0

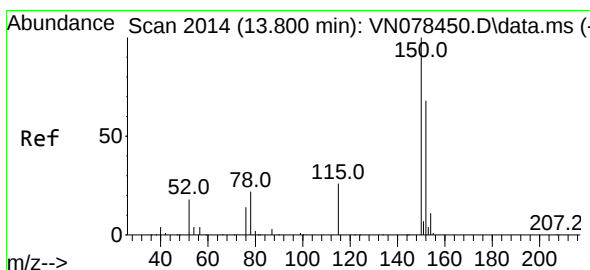
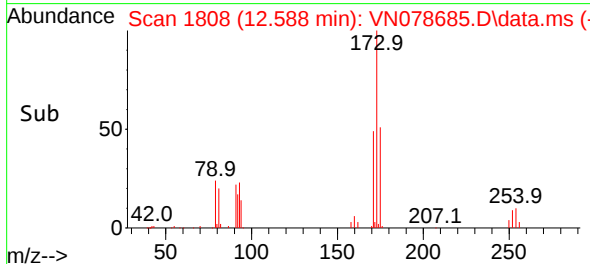
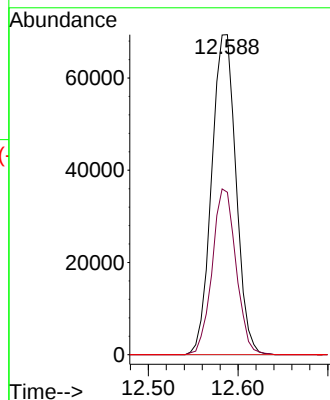
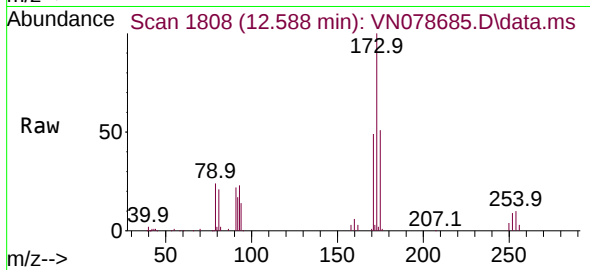
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

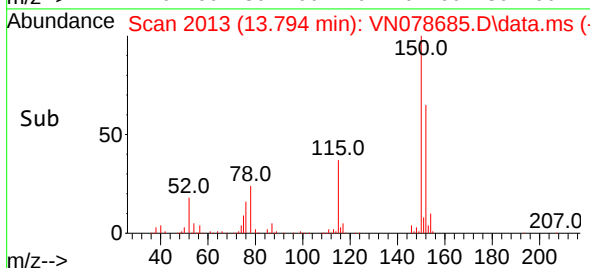
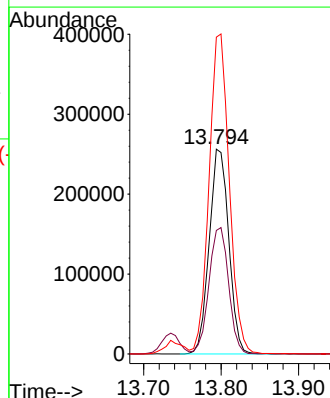
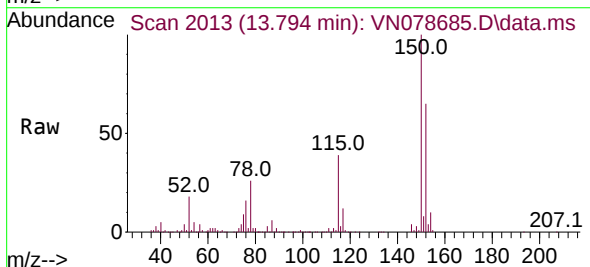
Tgt Ion:152 Resp: 448928

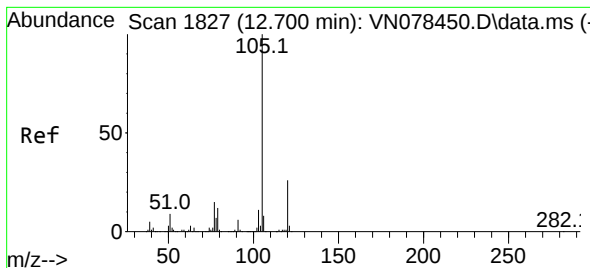
Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 161.4 0.0 355.8





#73

Isopropylbenzene

Concen: 17.849 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS03

Tgt Ion:105 Resp: 75291

Ion Ratio Lower Upper

105 100

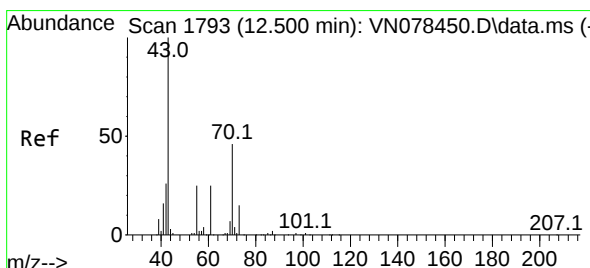
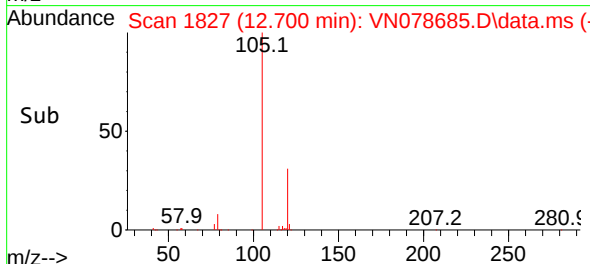
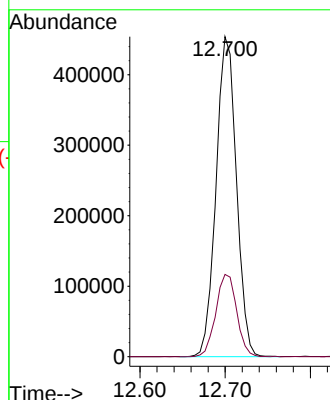
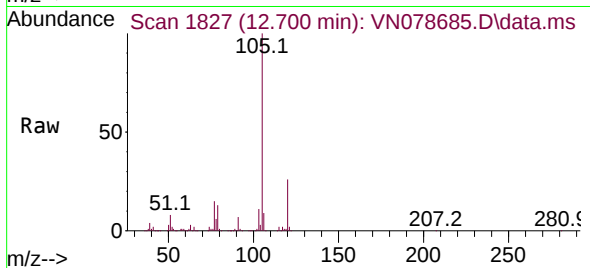
120 26.4 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#74

N-ethyl acetate

Concen: 18.270 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

Tgt Ion: 43 Resp: 265598

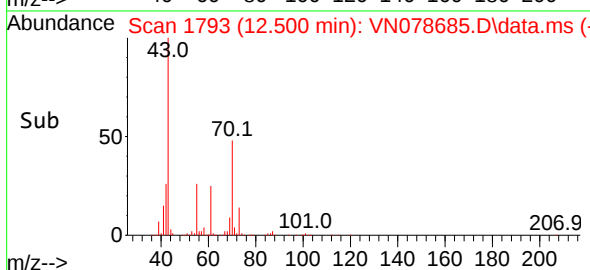
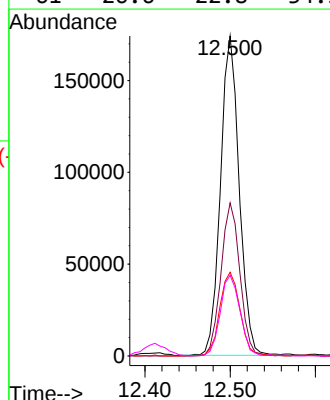
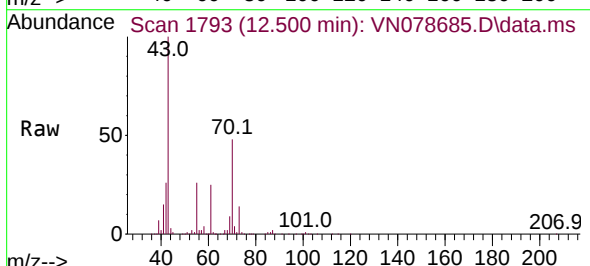
Ion Ratio Lower Upper

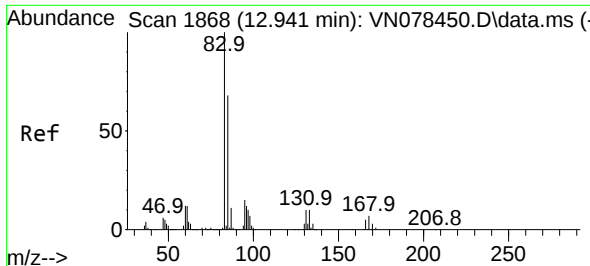
43 100

70 48.5 43.4 65.2

55 28.4 21.4 32.0

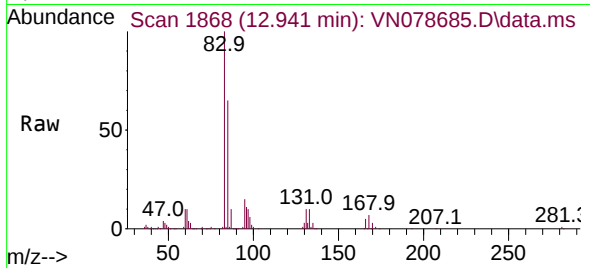
61 26.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.447 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

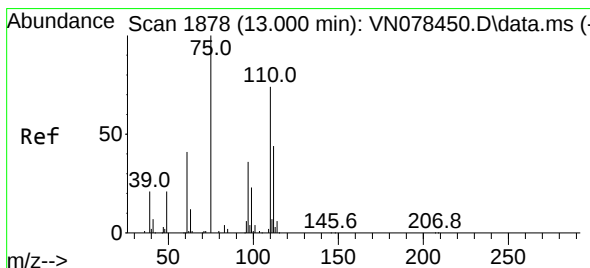
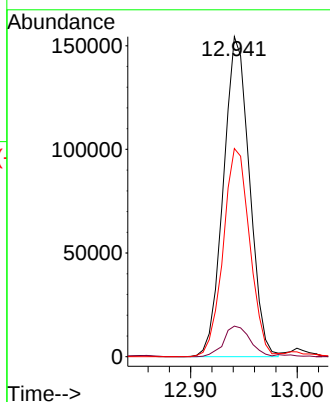
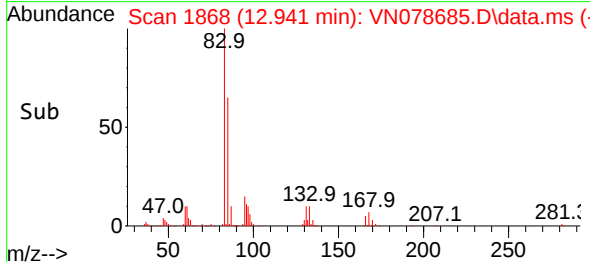
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



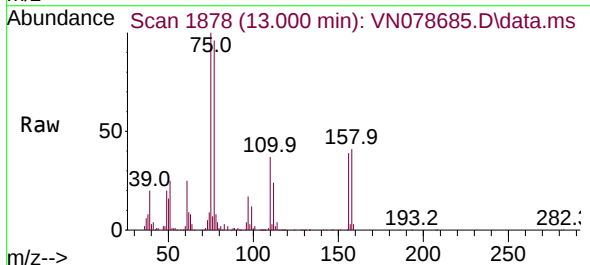
Tgt Ion: 83 Resp: 26247
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 66.6 31.9 95.7

Manual Integrations
APPROVED

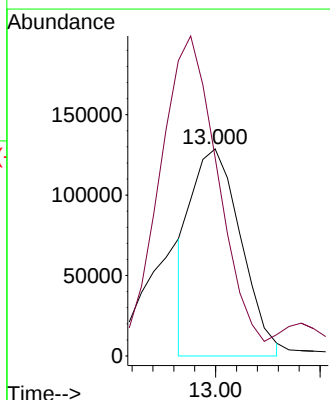
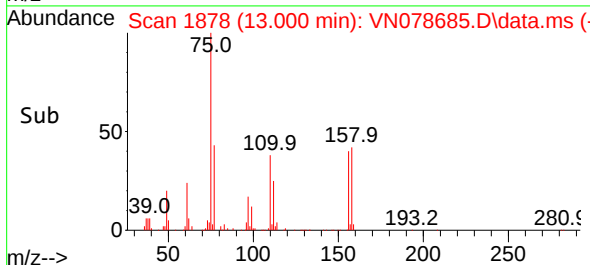
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

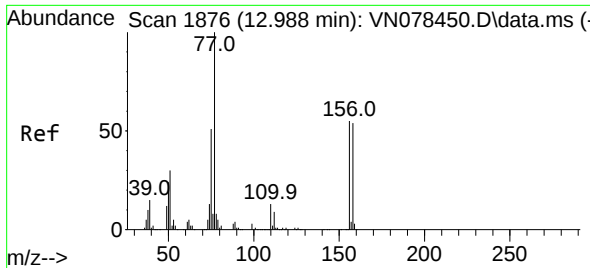


#76
1,2,3-Trichloropropane
Concen: 19.645 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15



Tgt Ion: 75 Resp: 213174
Ion Ratio Lower Upper
75 100
77 184.8 84.5 253.5





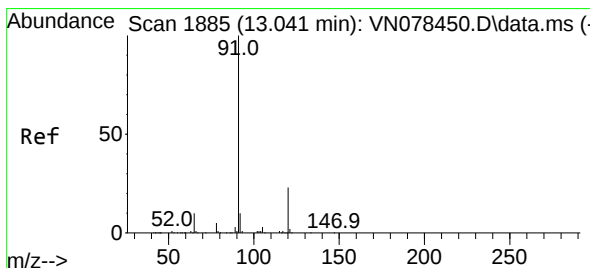
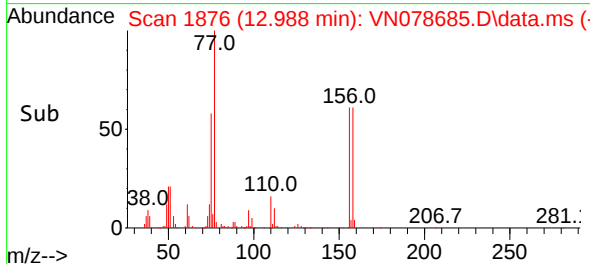
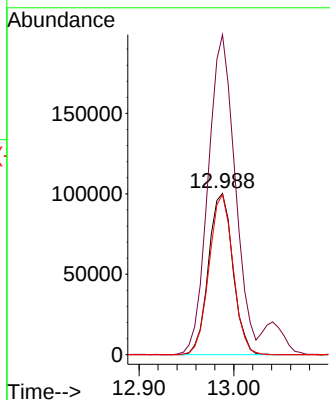
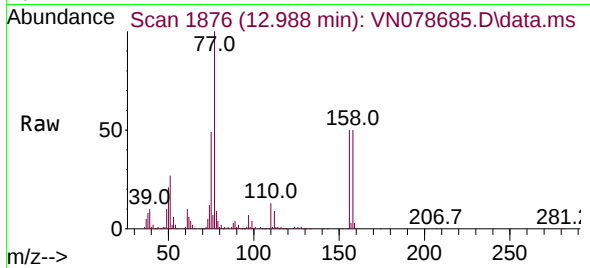
#77
Bromobenzene
Concen: 18.581 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03

Tgt Ion:156 Resp: 17936
Ion Ratio Lower Upper
156 100
77 219.7 107.7 323.3
158 97.1 48.4 145.3

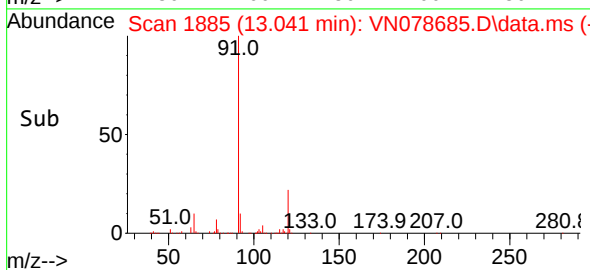
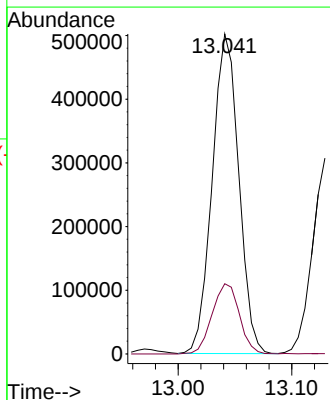
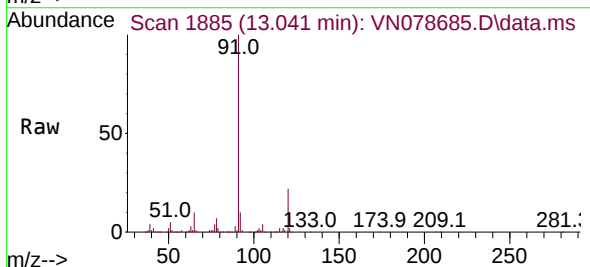
Manual Integrations
APPROVED

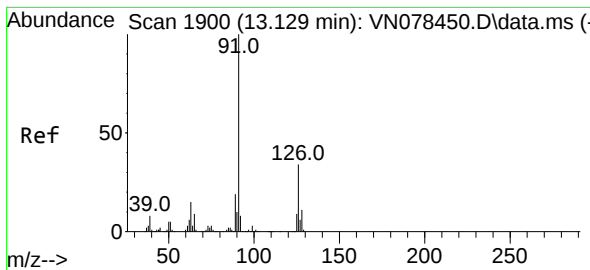
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
n-propylbenzene
Concen: 18.056 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

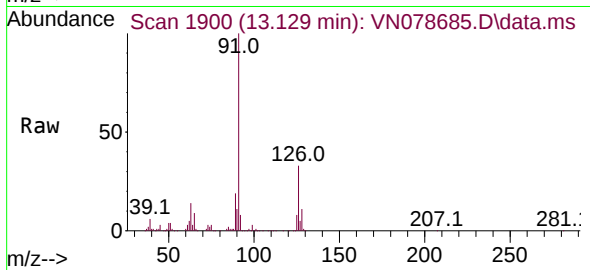
Tgt Ion: 91 Resp: 814573
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.211 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

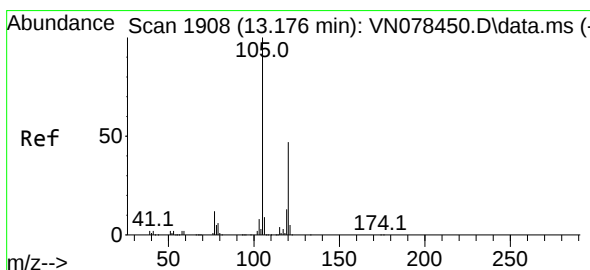
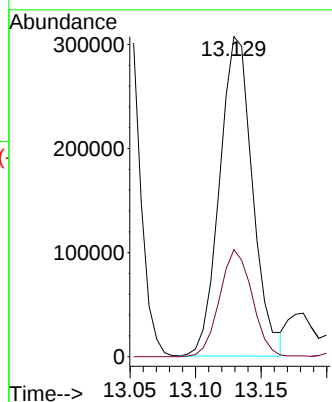
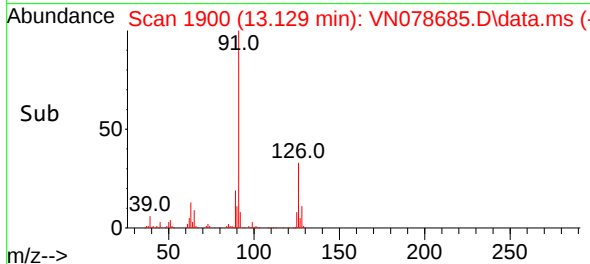
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



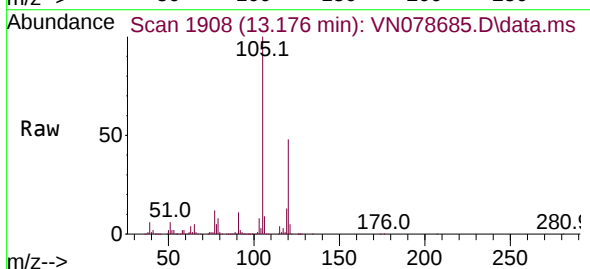
Tgt Ion: 91 Resp: 53813
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

Manual Integrations
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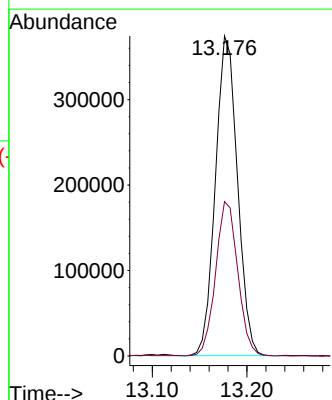
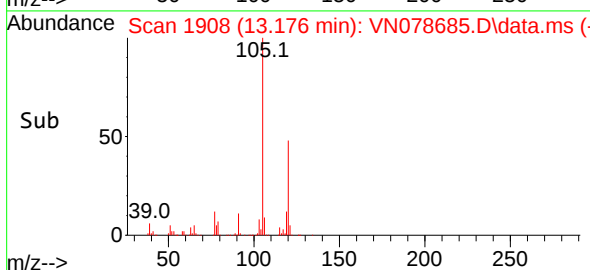
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

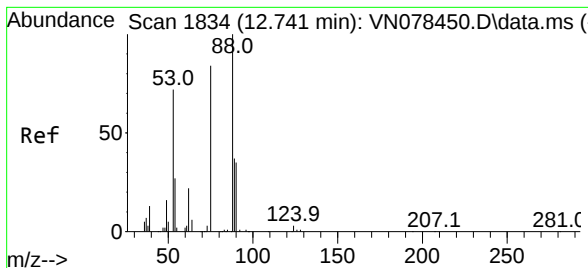


#80
1,3,5-Trimethylbenzene
Concen: 18.177 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15



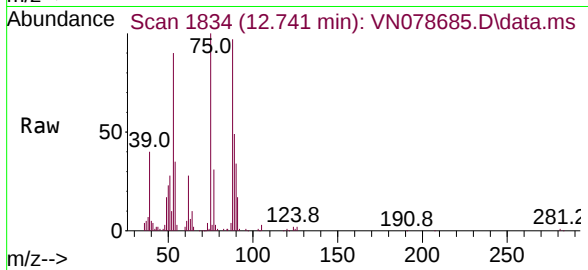
Tgt Ion:105 Resp: 605822
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.401 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

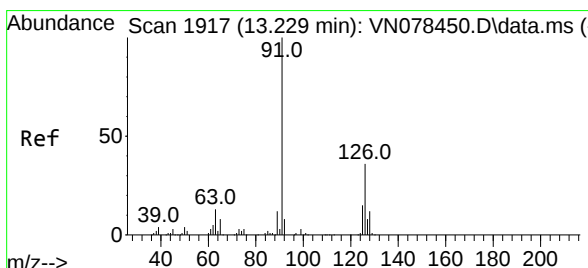
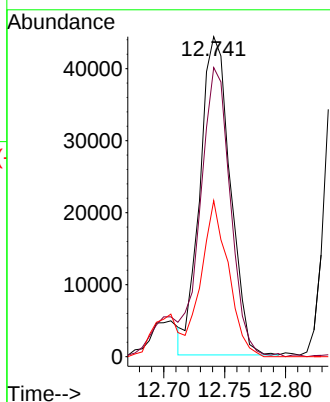
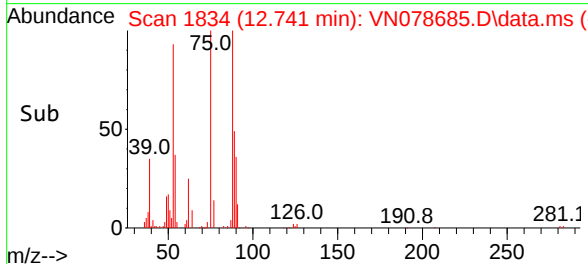
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion: 75 Resp: 7598
Ion Ratio Lower Upper
75 100
53 102.3 67.4 101.2
89 43.6 38.8 58.2

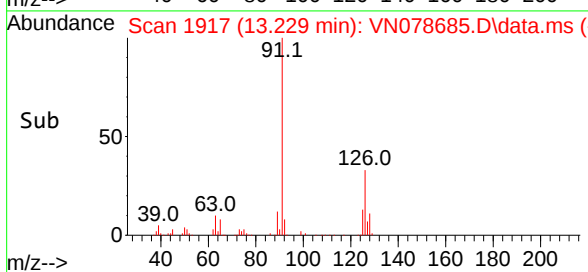
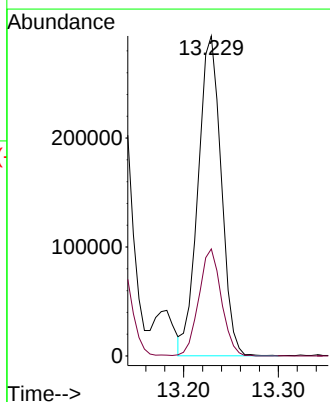
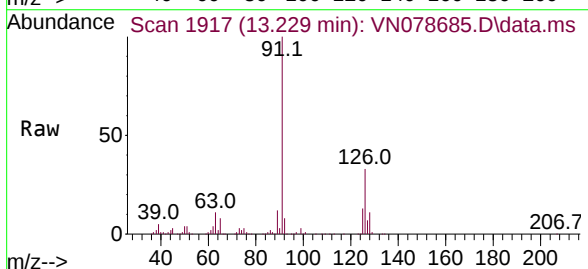
Manual Integrations
APPROVED

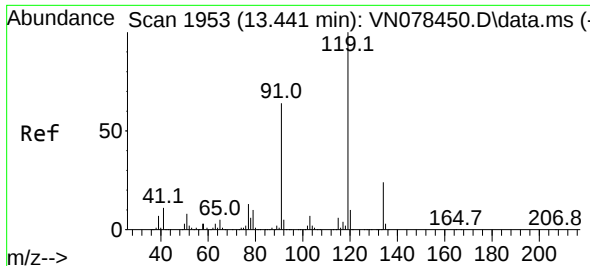
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
4-Chlorotoluene
Concen: 17.992 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

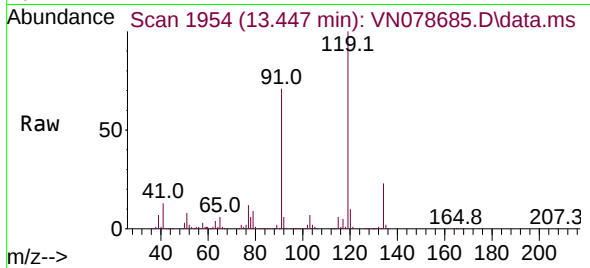
Tgt Ion: 91 Resp: 495949
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.891 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

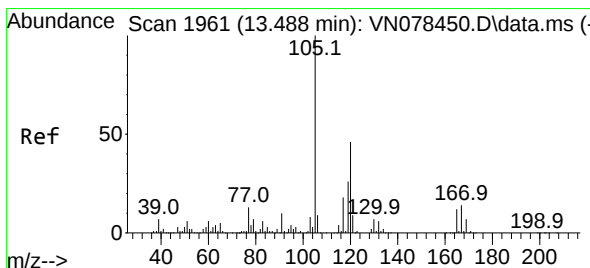
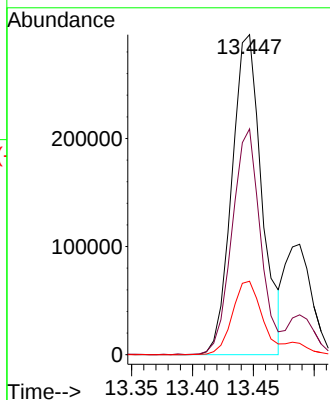
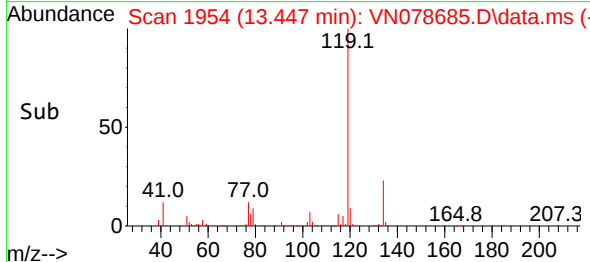
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



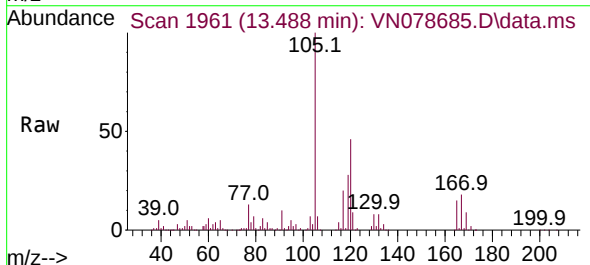
Tgt Ion:119 Resp: 506278
Ion Ratio Lower Upper
119 100
91 67.0 33.9 101.7
134 25.8 13.2 39.6

Manual Integrations
APPROVED

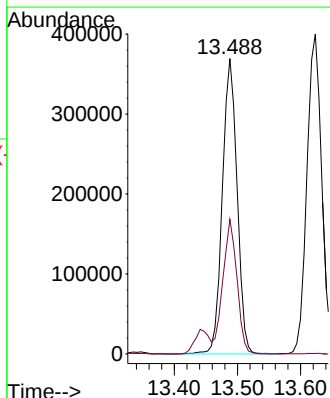
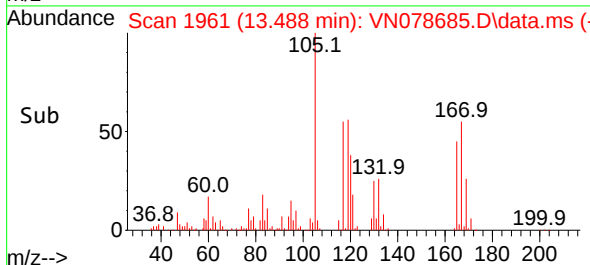
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

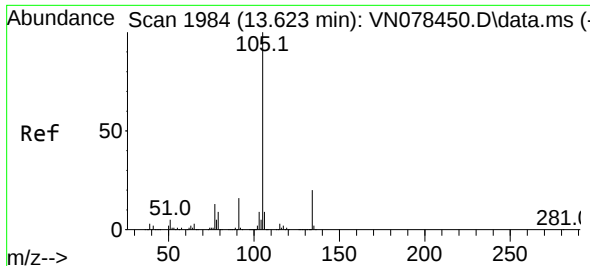


#84
1,2,4-Trimethylbenzene
Concen: 18.519 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15



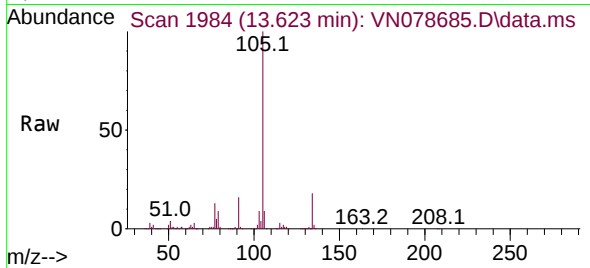
Tgt Ion:105 Resp: 599538
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.159 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078685.D
 Acq: 28 Jul 2023 15:15

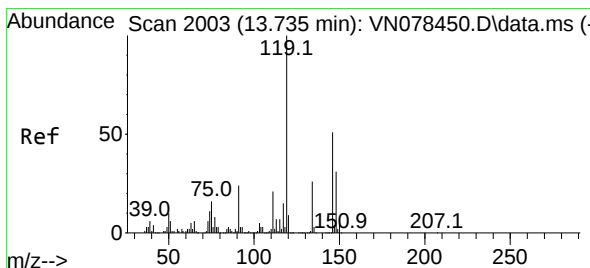
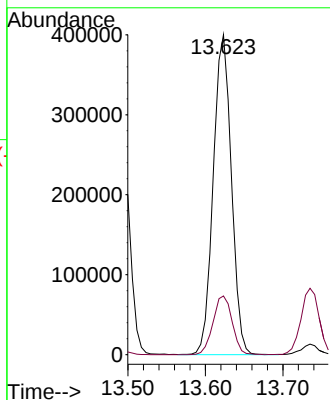
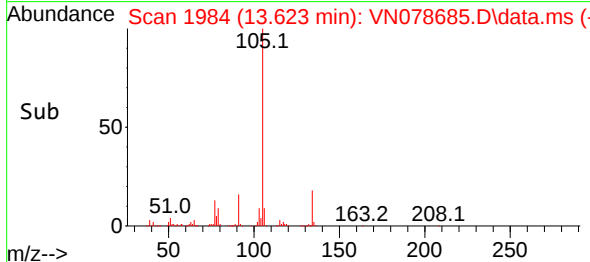
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS03



Tgt Ion:105 Resp: 649510
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

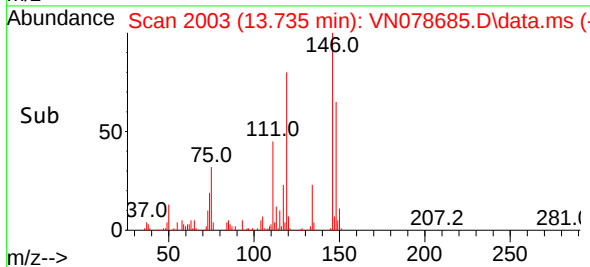
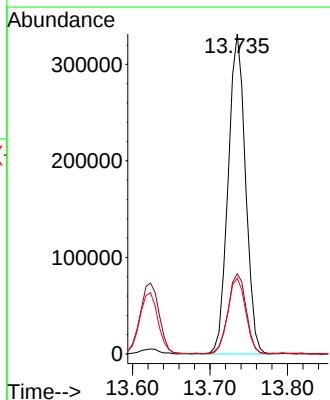
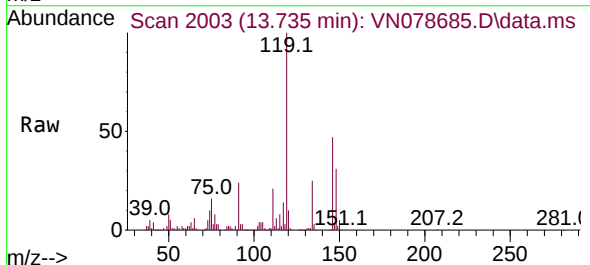
Manual Integrations
 APPROVED

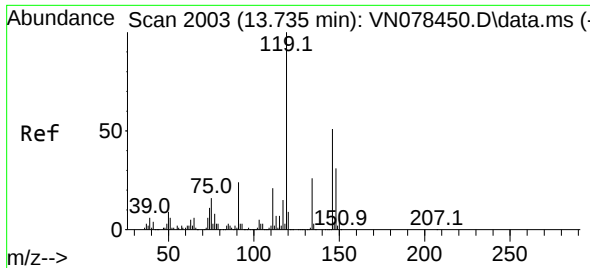
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#86
 p-Isopropyltoluene
 Concen: 18.035 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078685.D
 Acq: 28 Jul 2023 15:15

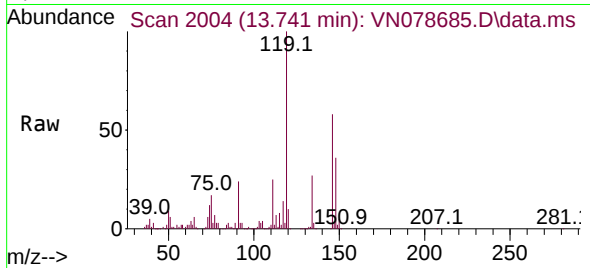
Tgt Ion:119 Resp: 517970
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.4 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 17.429 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN078685.D
 Acq: 28 Jul 2023 15:15

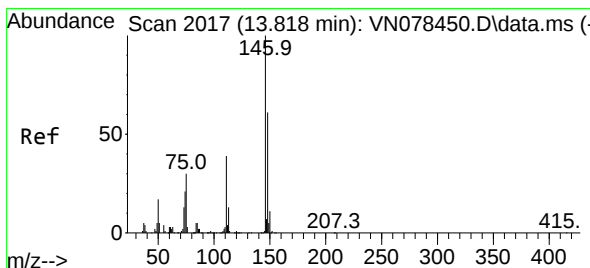
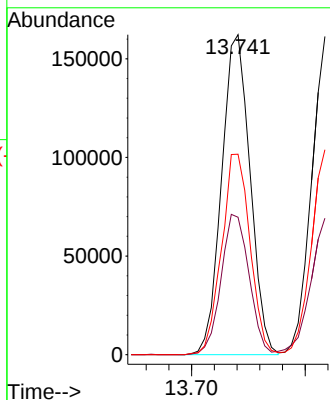
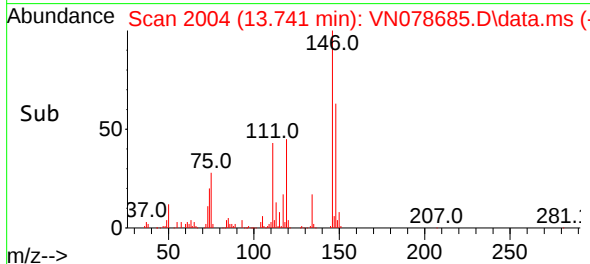
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBS03



Tgt Ion:146 Resp: 282239
 Ion Ratio Lower Upper
 146 100
 111 43.1 22.1 66.3
 148 62.5 32.0 96.0

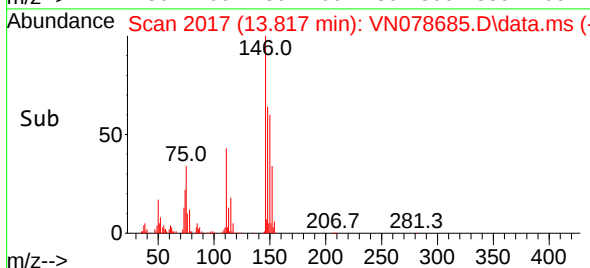
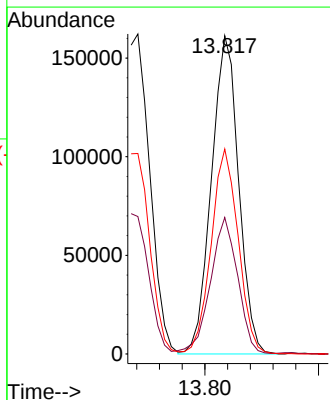
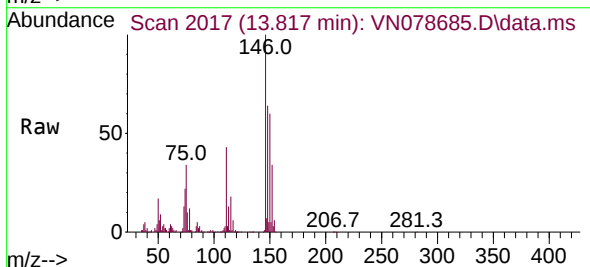
Manual Integrations
 APPROVED

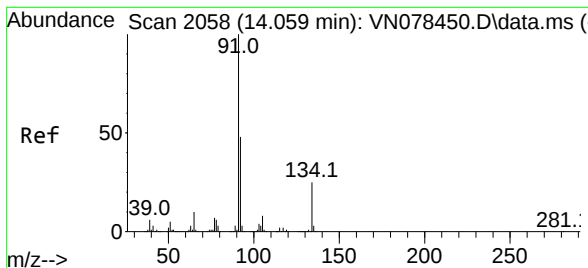
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#88
 1,4-Dichlorobenzene
 Concen: 16.474 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN078685.D
 Acq: 28 Jul 2023 15:15

Tgt Ion:146 Resp: 268707
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.6 61.8
 148 64.2 31.6 94.8





#89

n-Butylbenzene

Concen: 18.302 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.005 min

Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0728WBS03

Tgt Ion: 91 Resp: 376100

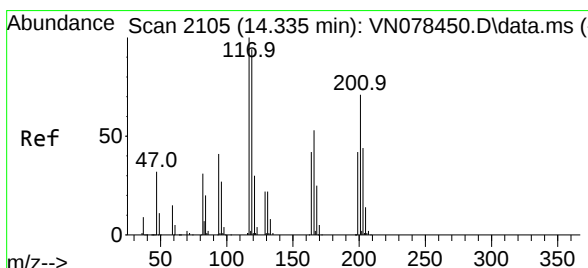
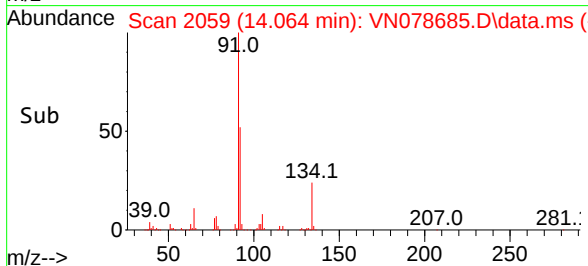
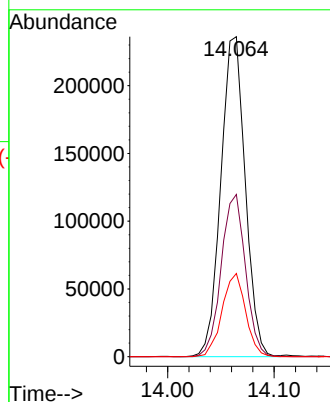
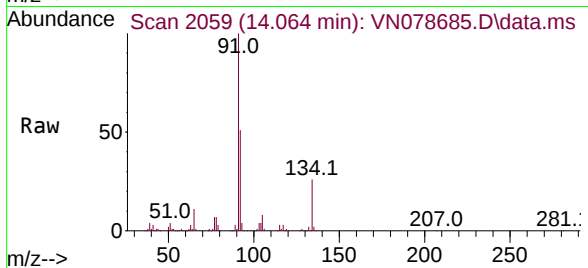
Ion	Ratio	Lower	Upper
91	100		
92	50.3	26.4	79.0
134	25.0	12.6	37.6

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Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#90

Hexachloroethane

Concen: 19.162 ug/l

RT: 14.341 min Scan# 2106

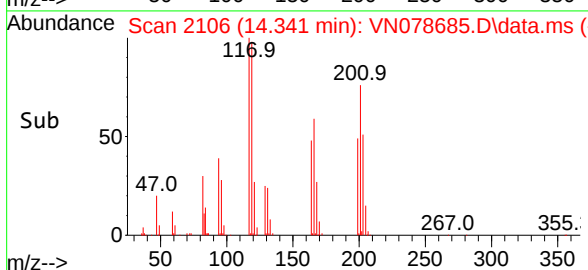
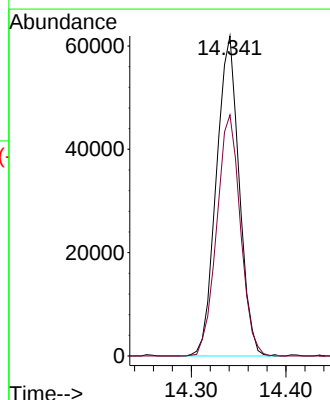
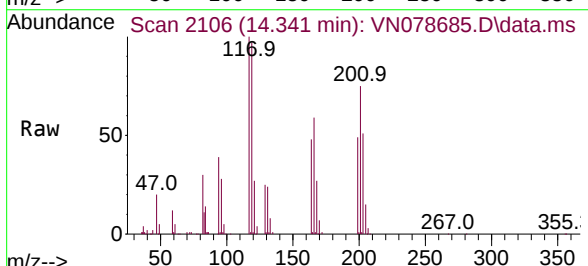
Delta R.T. 0.006 min

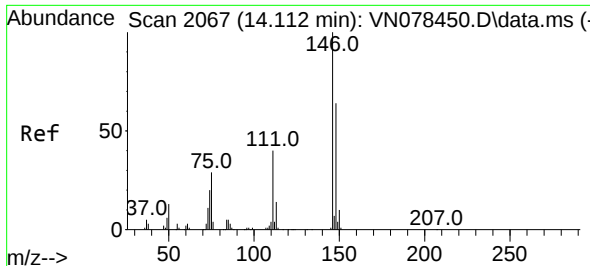
Lab File: VN078685.D

Acq: 28 Jul 2023 15:15

Tgt Ion:117 Resp: 103806

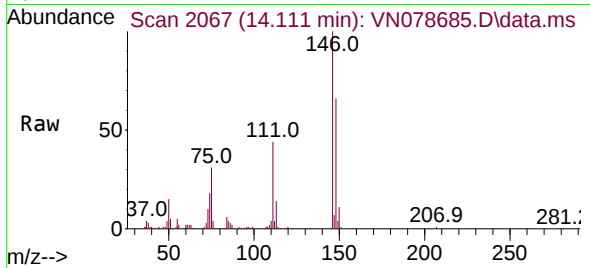
Ion	Ratio	Lower	Upper
117	100		
201	77.9	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 16.904 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

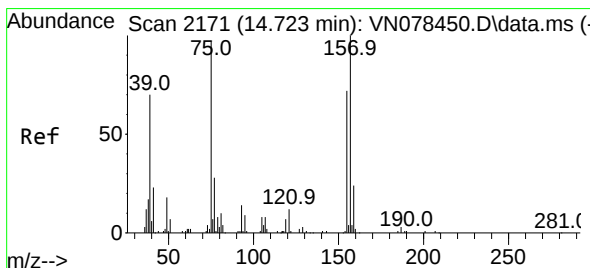
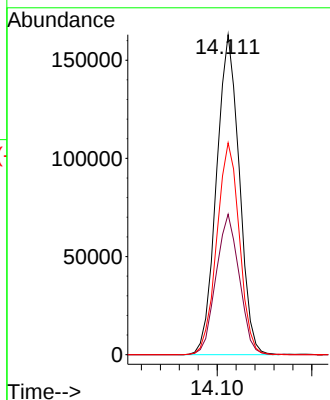
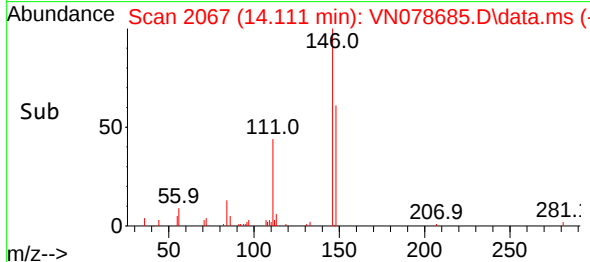
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion:146 Resp: 272420
Ion Ratio Lower Upper
146 100
111 44.8 22.0 66.0
148 65.7 31.8 95.3

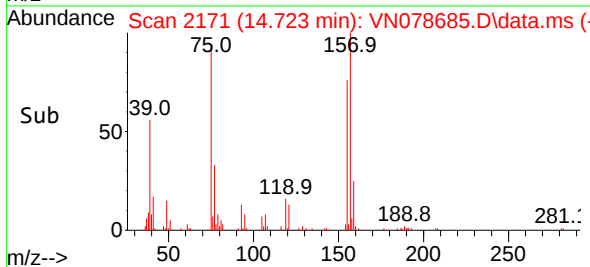
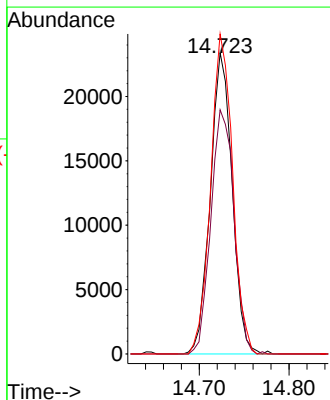
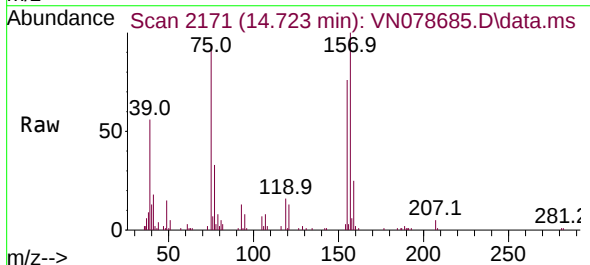
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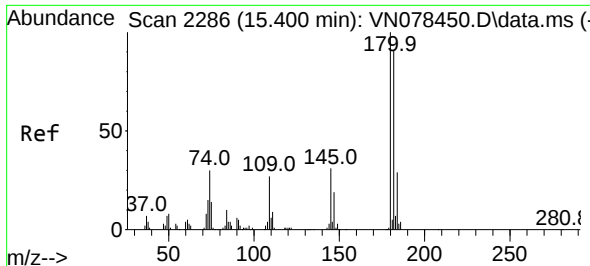
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.382 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

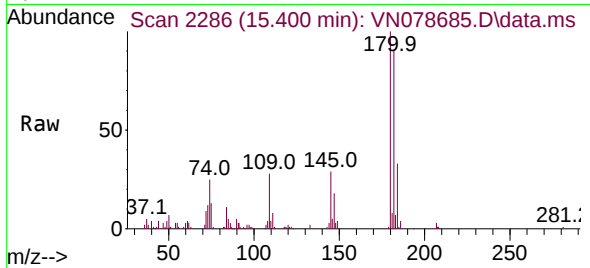
Tgt Ion: 75 Resp: 39573
Ion Ratio Lower Upper
75 100
155 85.7 39.1 117.2
157 106.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 13.387 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

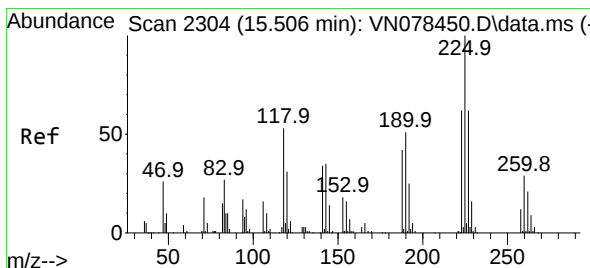
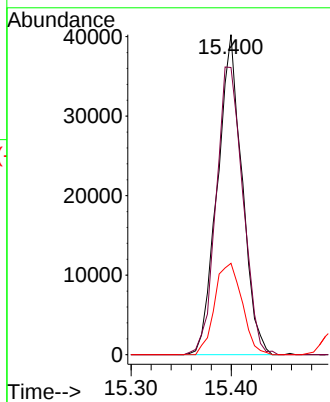
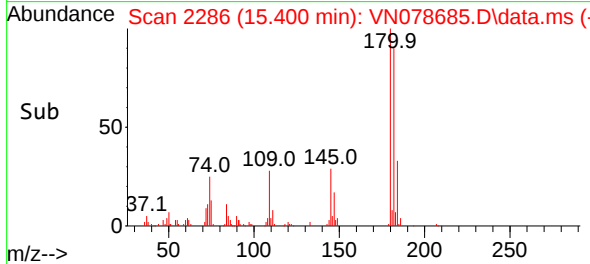
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



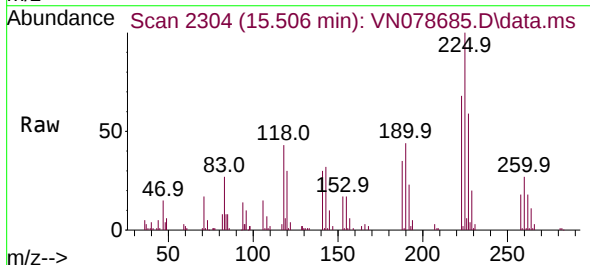
Tgt Ion:180 Resp: 6885
Ion Ratio Lower Upper
180 100
182 97.4 46.1 138.2
145 31.7 16.6 49.8

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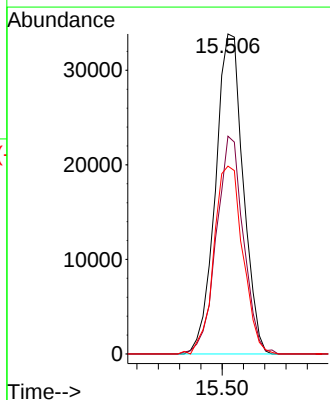
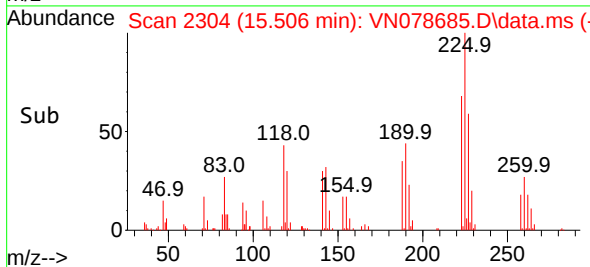
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

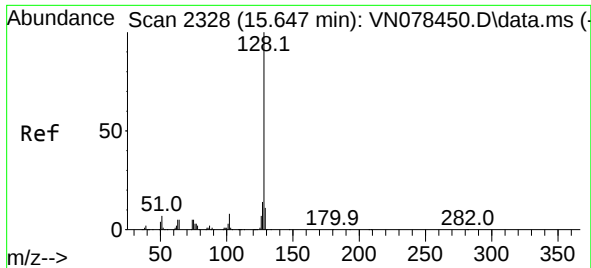


#94
Hexachlorobutadiene
Concen: 20.527 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15



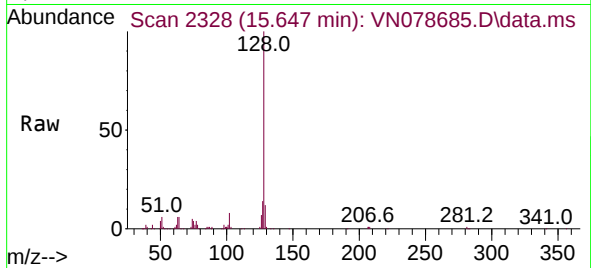
Tgt Ion:225 Resp: 61109
Ion Ratio Lower Upper
225 100
223 66.3 31.3 93.8
227 61.5 31.9 95.9





#95
Naphthalene
Concen: 11.582 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

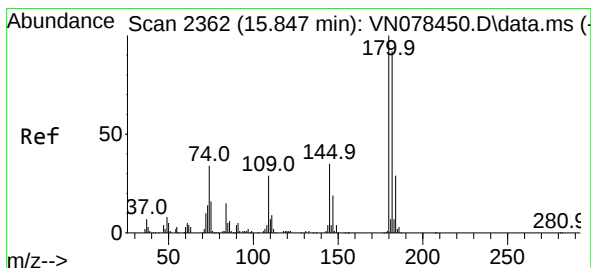
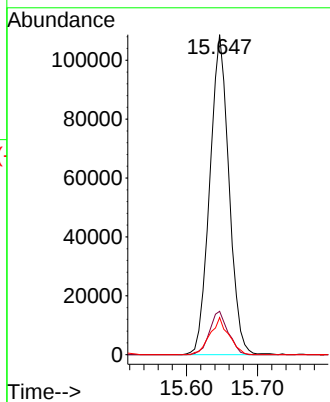
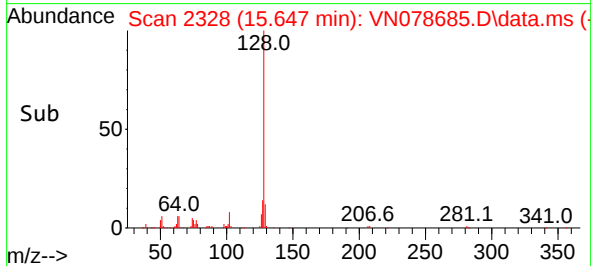
Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS03



Tgt Ion:128 Resp: 203650
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.3 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 14.168 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078685.D
Acq: 28 Jul 2023 15:15

Tgt Ion:180 Resp: 83789
Ion Ratio Lower Upper
180 100
182 89.6 46.2 138.6
145 34.6 17.5 52.6

