

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072423\
 Data File : VN078634.D
 Acq On : 24 Jul 2023 13:19
 Operator : JC\MD
 Sample : VN0724MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

Quant Time: Jul 25 03:11:18 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)

Internal Standards						
1) Pentafluorobenzene	8.230	168	473607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	809807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	707793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	275161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	307701	48.463	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.920%		
35) Dibromofluoromethane	8.177	113	279827	50.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.800%		
50) Toluene-d8	10.571	98	975339	46.966	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.940%		
62) 4-Bromofluorobenzene	12.853	95	306954	47.987	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	88644	15.266	ug/l	98
3) Chloromethane	2.371	50	110534	17.514	ug/l	95
4) Vinyl Chloride	2.518	62	140061	17.155	ug/l	93
5) Bromomethane	2.953	94	101838	16.377	ug/l	89
6) Chloroethane	3.124	64	95951	18.206	ug/l	99
7) Trichlorofluoromethane	3.500	101	167855	17.199	ug/l	99
8) Diethyl Ether	3.971	74	60296	18.543	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.383	101	94825	18.355	ug/l	97
10) Methyl Iodide	4.595	142	127833	18.006	ug/l	93
11) Tert butyl alcohol	5.542	59	92585	94.565	ug/l	99
12) 1,1-Dichloroethene	4.348	96	85921	17.193	ug/l	94
13) Acrolein	4.195	56	91520	95.010	ug/l	97
14) Allyl chloride	5.024	41	125697	18.407	ug/l	94
15) Acrylonitrile	5.736	53	239787	96.933	ug/l	98
16) Acetone	4.442	43	174976	88.471	ug/l	100
17) Carbon Disulfide	4.718	76	197116	13.641	ug/l	95
18) Methyl Acetate	5.036	43	158753	18.962	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	324850	19.729	ug/l	97
20) Methylene Chloride	5.289	84	110979	18.799	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	96965	17.218	ug/l	96
22) Diisopropyl ether	6.683	45	301008	19.686	ug/l #	92
23) Vinyl Acetate	6.618	43	891242	91.685	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	186597	18.111	ug/l	99
25) 2-Butanone	7.494	43	288825	92.772	ug/l	89
26) 2,2-Dichloropropane	7.500	77	155447	18.447	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	121908	18.713	ug/l	96
28) Bromochloromethane	7.824	49	100810	20.773	ug/l	95
29) Tetrahydrofuran	7.847	42	188303	92.177	ug/l	85
30) Chloroform	7.971	83	207854	19.377	ug/l	97
31) Cyclohexane	8.265	56	136358	15.891	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	176470	18.349	ug/l	97
36) 1,1-Dichloropropene	8.377	75	136632	17.213	ug/l	97
37) Ethyl Acetate	7.565	43	126496	19.117	ug/l	95
38) Carbon Tetrachloride	8.377	117	156002	18.083	ug/l	95
39) Methylcyclohexane	9.606	83	123673	17.069	ug/l	94
40) Benzene	8.612	78	445924	18.963	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	66063	19.585	ug/l	90
42) 1,2-Dichloroethane	8.682	62	155763	19.474	ug/l	100
43) Isopropyl Acetate	8.700	43	221922	20.371	ug/l	94
44) Trichloroethene	9.359	130	116236	18.340	ug/l	96
45) 1,2-Dichloropropane	9.630	63	111746	18.762	ug/l	100
46) Dibromomethane	9.718	93	84262	20.101	ug/l	90
47) Bromodichloromethane	9.894	83	162935	19.390	ug/l	94
48) Methyl methacrylate	9.688	41	96933	19.206	ug/l	87
49) 1,4-Dioxane	9.706	88	43434	394.621	ug/l	89
51) 4-Methyl-2-Pentanone	10.453	43	625364	96.511	ug/l	94
52) Toluene	10.635	92	277297	19.026	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	170640	19.822	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	182241	19.860	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	117872	20.527	ug/l	94
56) Ethyl methacrylate	10.882	69	158036	19.688	ug/l	93
57) 1,3-Dichloropropane	11.171	76	190546	19.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	248622	86.913	ug/l	94
59) 2-Hexanone	11.200	43	445426	96.722	ug/l	91
60) Dibromochloromethane	11.365	129	129831	20.480	ug/l	99
61) 1,2-Dibromoethane	11.476	107	118162	19.976	ug/l	97
64) Tetrachloroethene	11.112	164	97945	18.406	ug/l	92
65) Chlorobenzene	11.894	112	304505	19.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	120670	19.827	ug/l	97
67) Ethyl Benzene	11.971	91	508914	19.030	ug/l	99
68) m/p-Xylenes	12.076	106	378247	38.255	ug/l	96
69) o-Xylene	12.406	106	193302	19.356	ug/l	99
70) Styrene	12.418	104	301718	19.311	ug/l	97
71) Bromoform	12.582	173	86063	20.879	ug/l #	99
73) Isopropylbenzene	12.700	105	470494	18.197	ug/l	100
74) N-amyl acetate	12.500	43	160721	18.038	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	163614	20.851	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	126026m	18.948	ug/l	
77) Bromobenzene	12.988	156	121456	20.696	ug/l	89
78) n-propylbenzene	13.041	91	510107	18.448	ug/l	99
79) 2-Chlorotoluene	13.129	91	330907	18.270	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	379816	18.592	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	49151	19.420	ug/l	89
82) 4-Chlorotoluene	13.229	91	303327	17.953	ug/l	98
83) tert-Butylbenzene	13.441	119	326548	18.827	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	376353	18.966	ug/l	98
85) sec-Butylbenzene	13.617	105	400590	18.273	ug/l	98
86) p-Isopropyltoluene	13.735	119	326875	18.569	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	190267	19.169	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	183869	18.391	ug/l	98
89) n-Butylbenzene	14.059	91	233311	18.523	ug/l	98
90) Hexachloroethane	14.335	117	62344	18.759	ug/l	79
91) 1,2-Dichlorobenzene	14.112	146	190883	19.324	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	23154	17.456	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	49274	15.630	ug/l	96
94) Hexachlorobutadiene	15.506	225	36370	19.801	ug/l	96
95) Naphthalene	15.647	128	146413	13.585	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	57072	15.744	ug/l	99

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

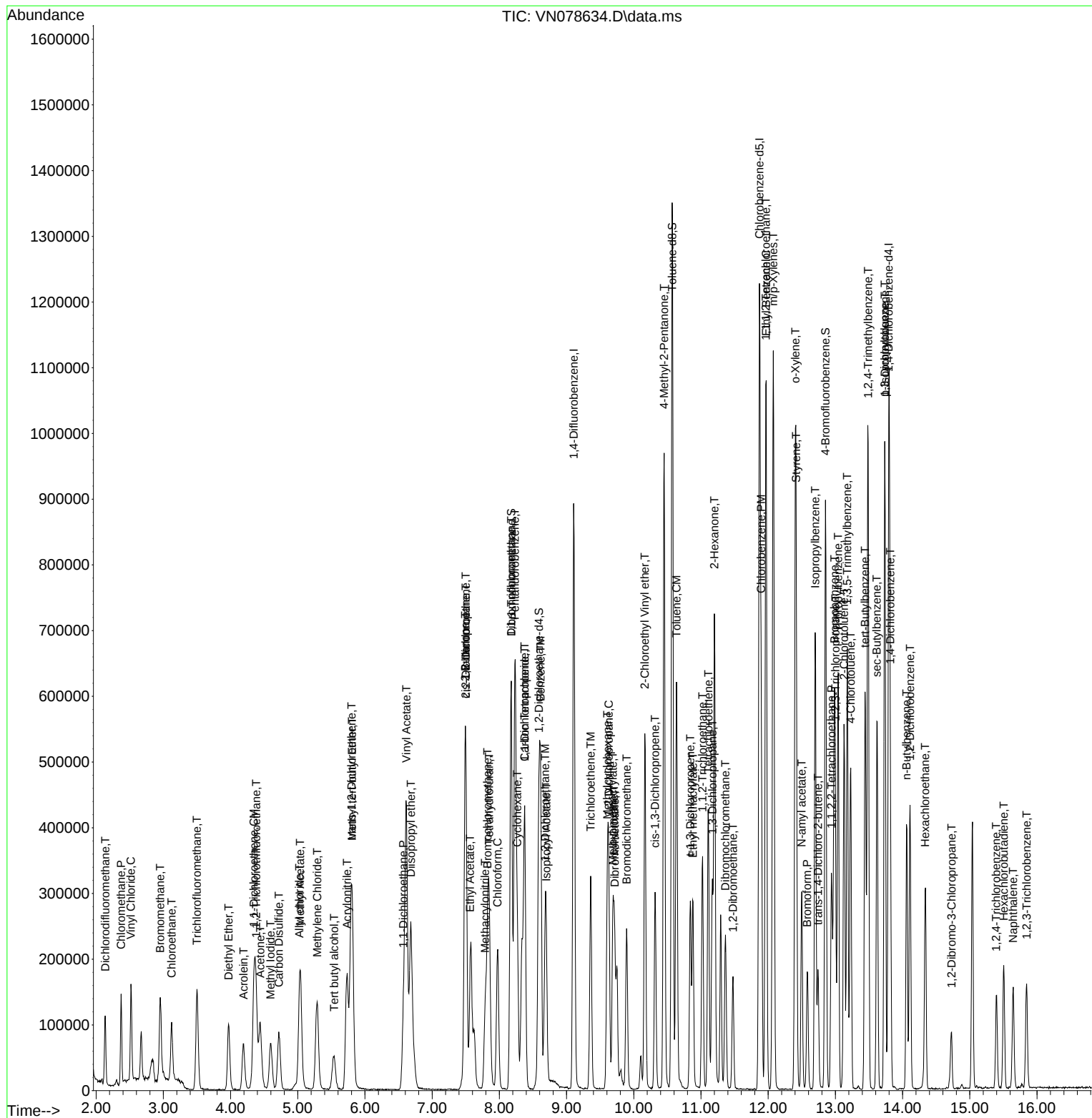
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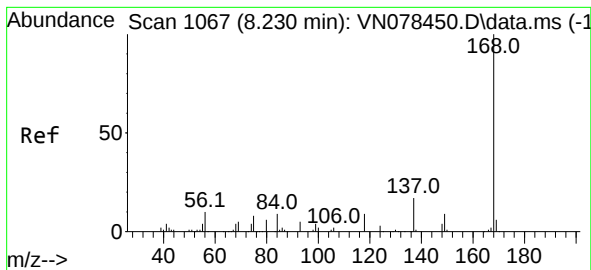
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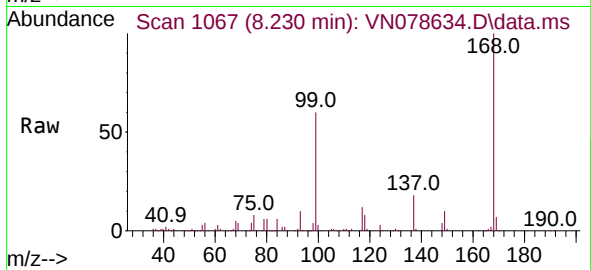
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

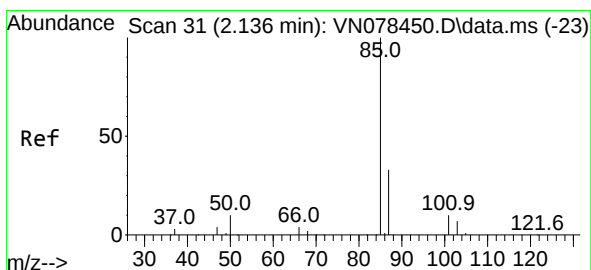
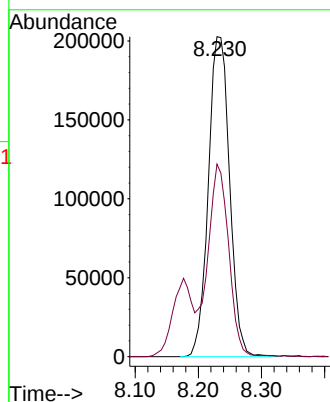
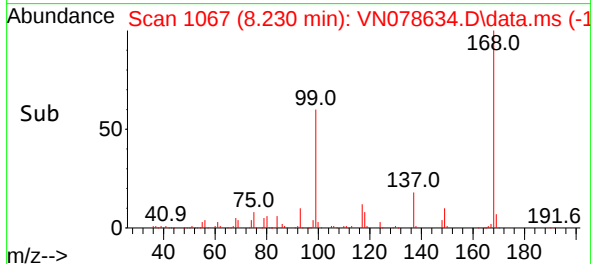
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion:168 Resp: 47360
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6

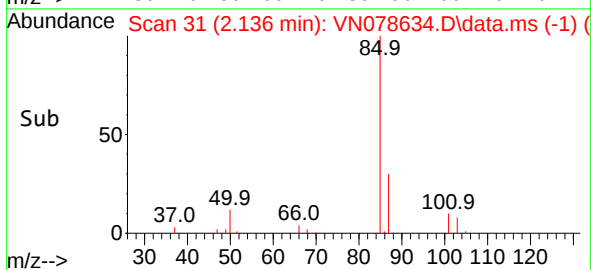
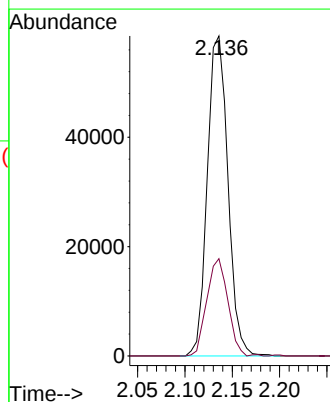
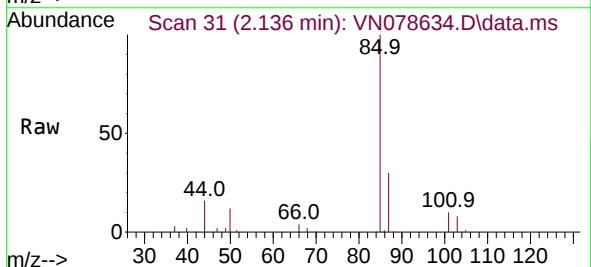
Manual Integrations
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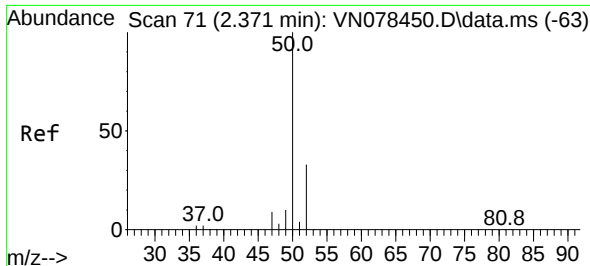
Reviewed By :John Carlone 07/25/2023
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#2
Dichlorodifluoromethane
Concen: 15.266 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

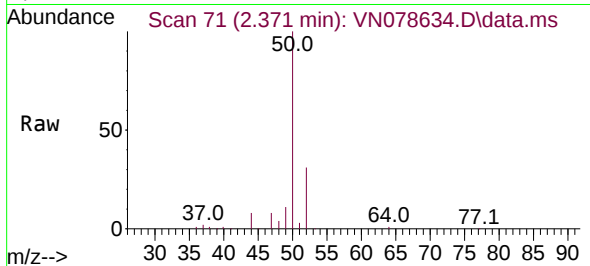
Tgt Ion: 85 Resp: 88644
Ion Ratio Lower Upper
85 100
87 30.4 15.8 47.4





#3
Chloromethane
Concen: 17.514 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

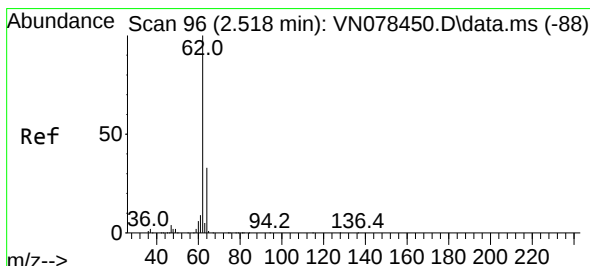
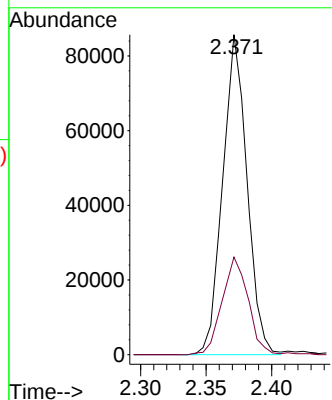
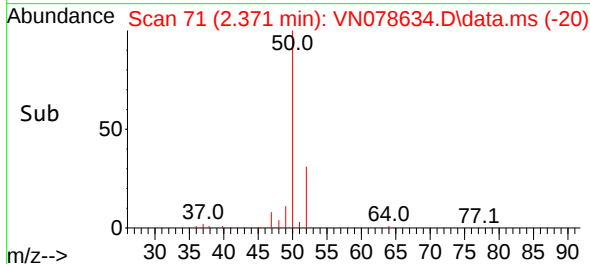
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 110534
Ion Ratio Lower Upper
50 100
52 30.5 26.5 39.7

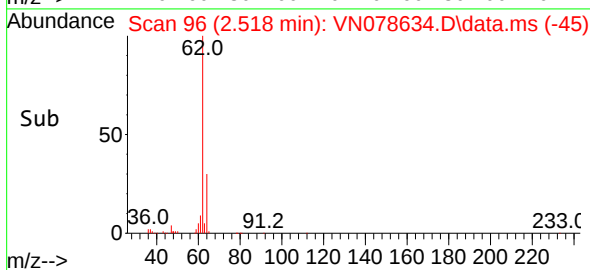
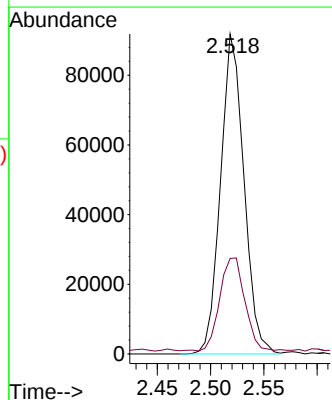
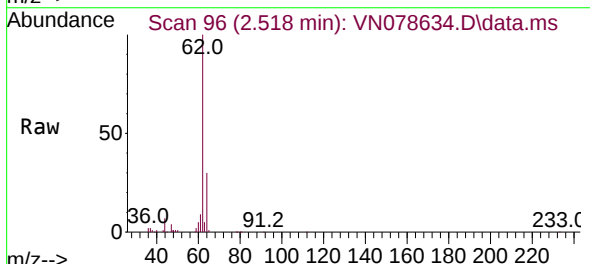
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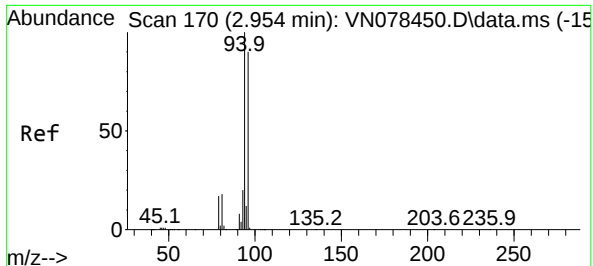
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#4
Vinyl Chloride
Concen: 17.155 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Tgt Ion: 62 Resp: 140061
Ion Ratio Lower Upper
62 100
64 28.8 26.2 39.2





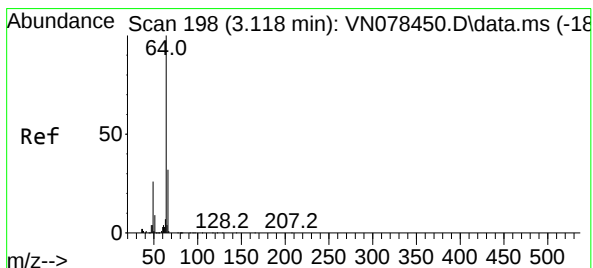
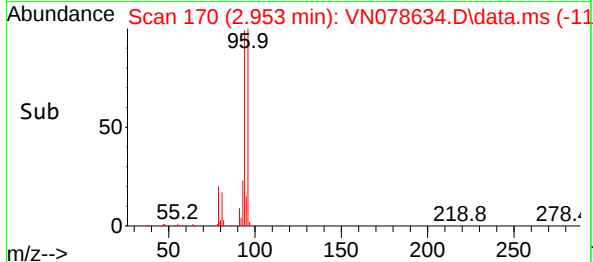
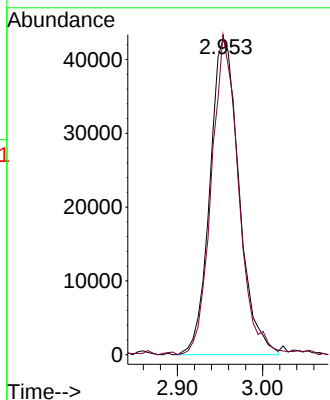
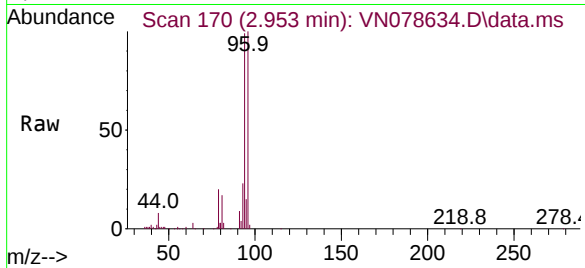
#5
Bromomethane
Concen: 16.377 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

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Tgt Ion: 94 Resp: 101838
Ion Ratio Lower Upper
94 100
96 101.5 73.1 109.7

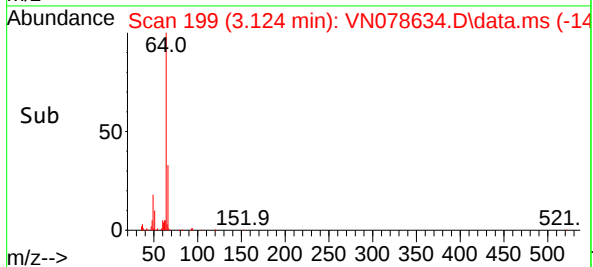
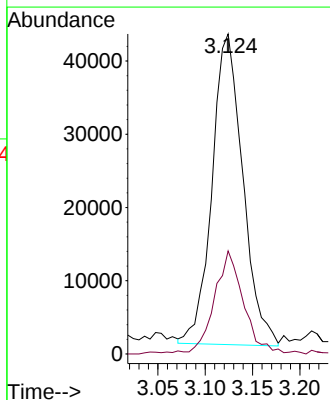
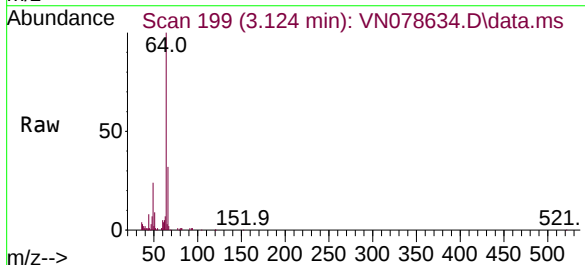
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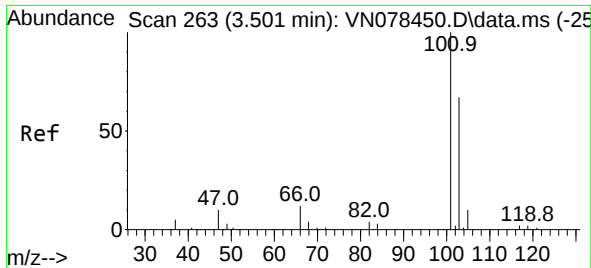
Reviewed By :John Carlone 07/25/2023
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#6
Chloroethane
Concen: 18.206 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

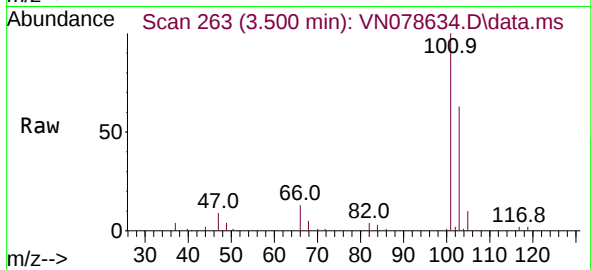
Tgt Ion: 64 Resp: 95951
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.2





#7
Trichlorofluoromethane
Concen: 17.199 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.001 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

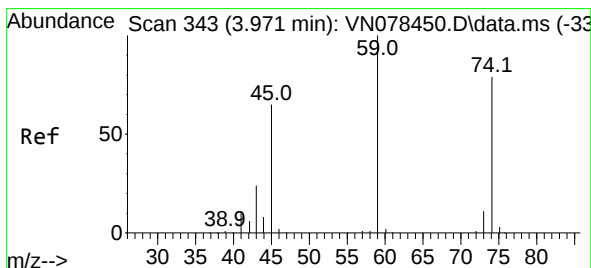
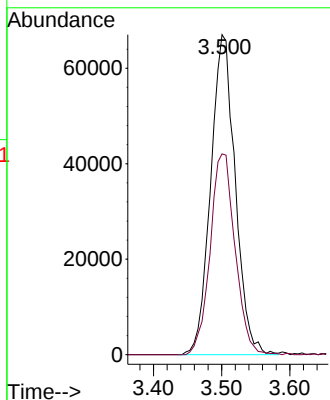
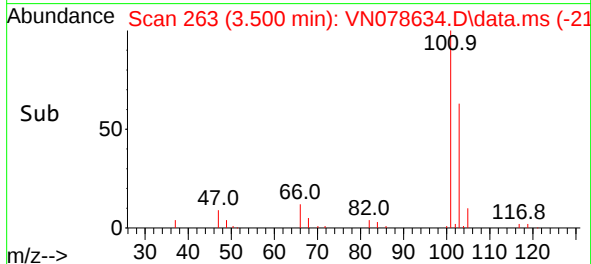
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Tgt Ion:101 Resp: 16785
Ion Ratio Lower Upper
101 100
103 62.7 50.7 76.1

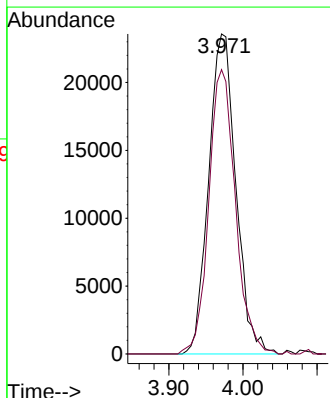
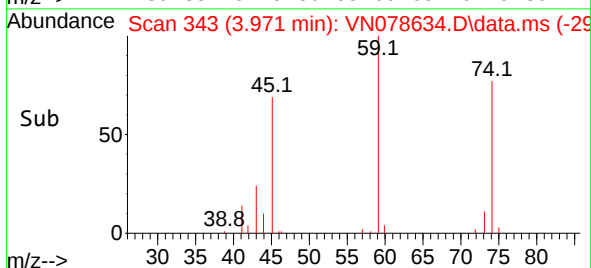
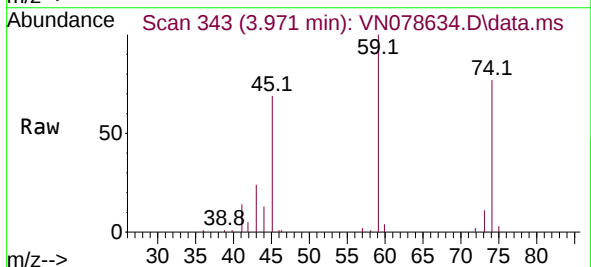
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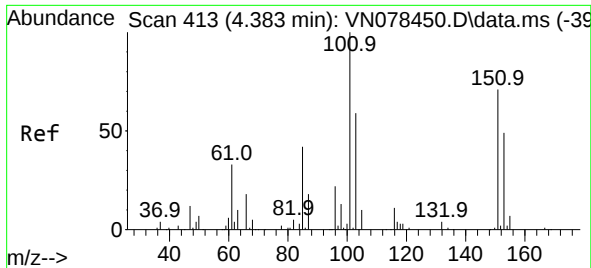
Reviewed By :John Carlone 07/25/2023
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#8
Diethyl Ether
Concen: 18.543 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Tgt Ion: 74 Resp: 60296
Ion Ratio Lower Upper
74 100
45 86.7 34.4 103.3





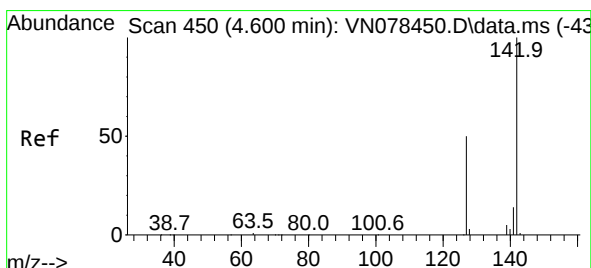
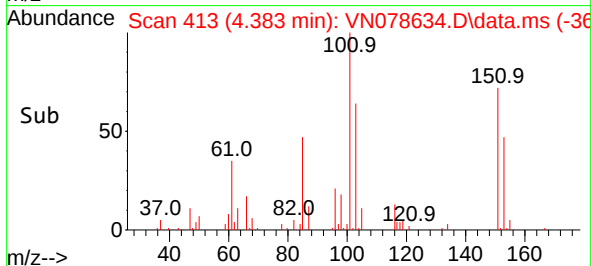
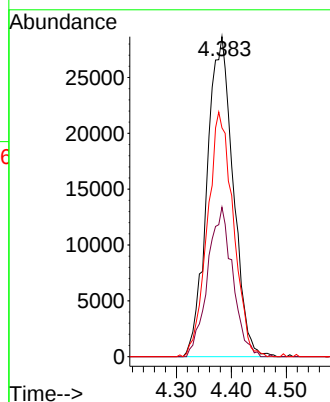
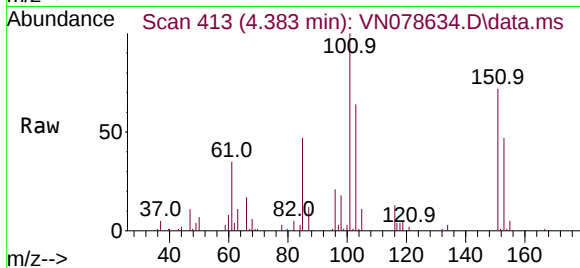
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.355 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

Tgt Ion:101 Resp: 94825
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 75.6 57.6 86.4

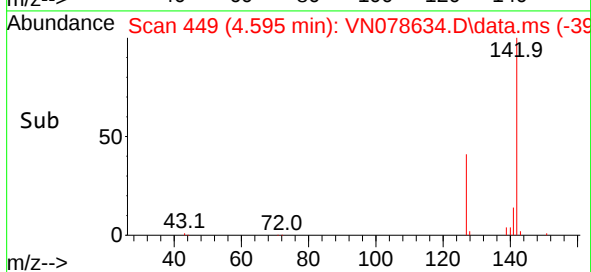
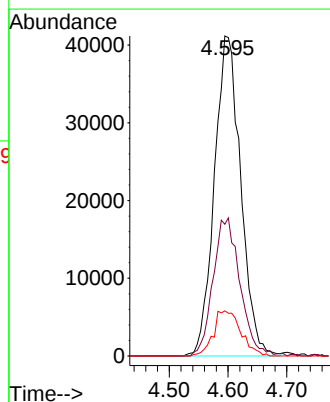
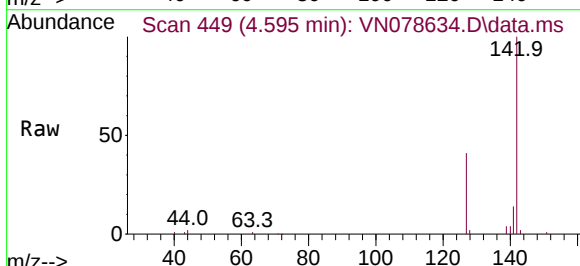
Manual Integrations
APPROVED

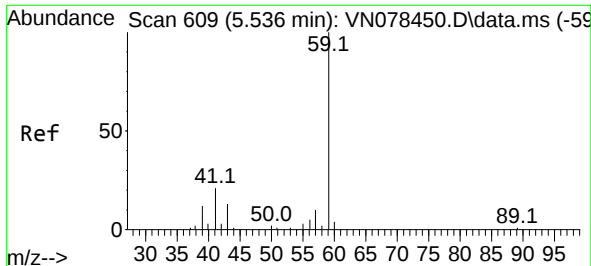
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#10
Methyl Iodide
Concen: 18.006 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Tgt Ion:142 Resp: 127833
Ion Ratio Lower Upper
142 100
127 41.1 37.6 56.4
141 14.1 11.4 17.0





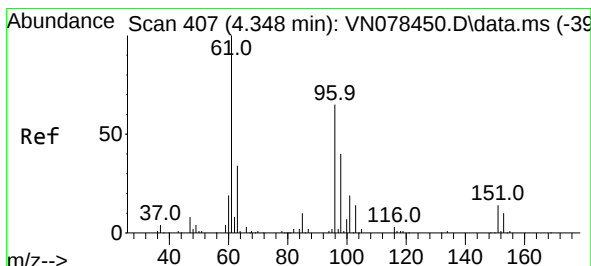
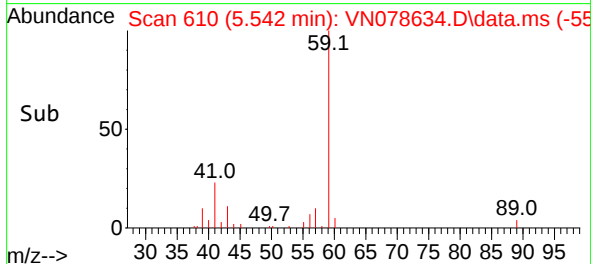
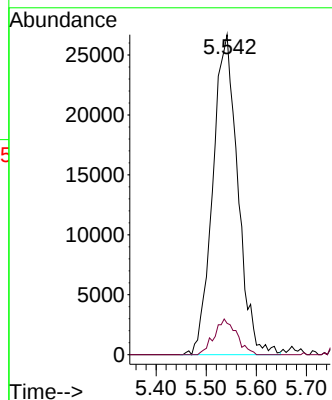
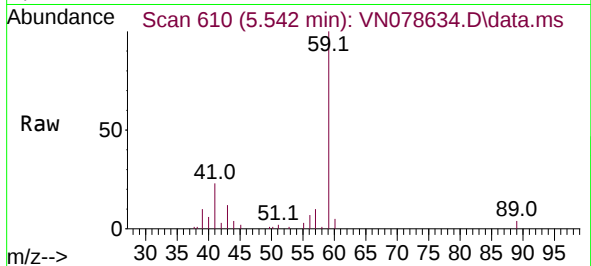
#11
Tert butyl alcohol
Concen: 94.565 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

Tgt Ion: 59 Resp: 9258
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

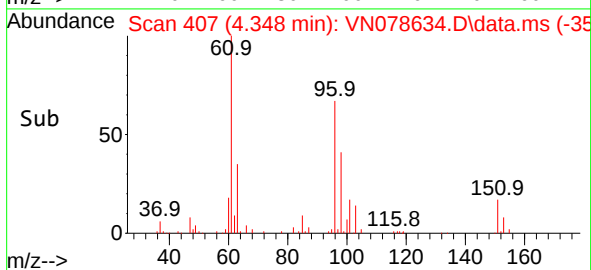
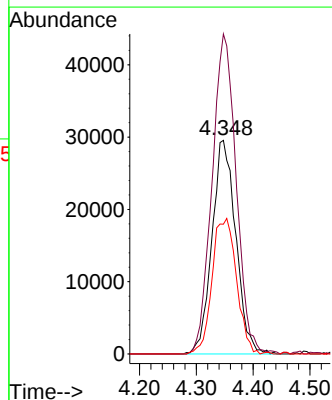
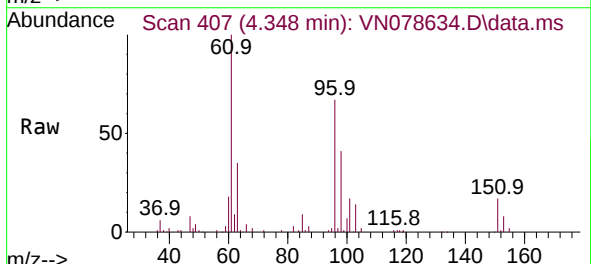
Manual Integrations
APPROVED

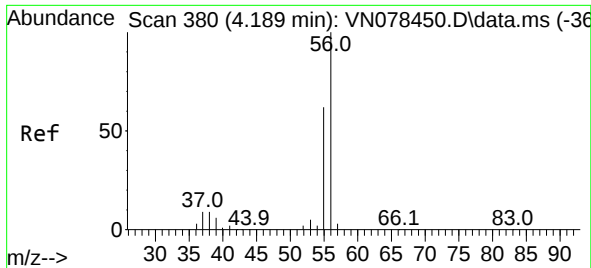
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#12
1,1-Dichloroethene
Concen: 17.193 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

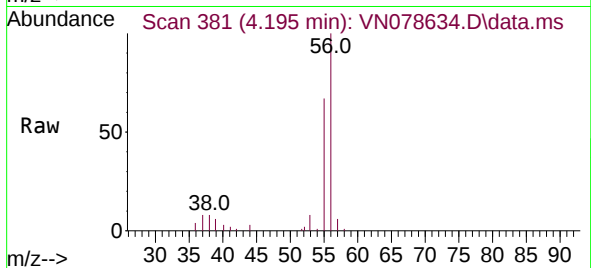
Tgt Ion: 96 Resp: 85921
Ion Ratio Lower Upper
96 100
61 149.8 112.7 169.1
98 60.8 51.2 76.8





#13
Acrolein
Concen: 95.010 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

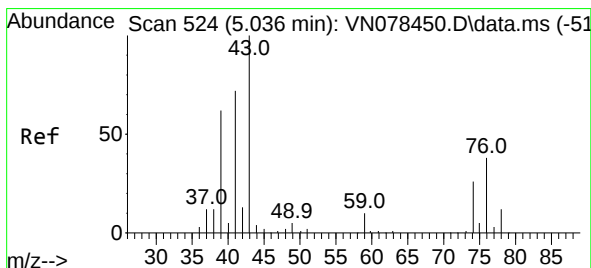
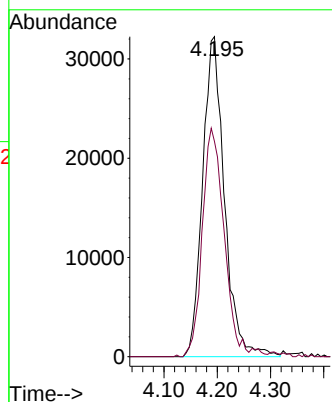
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 56 Resp: 91520
Ion Ratio Lower Upper
56 100
55 70.9 54.5 81.7

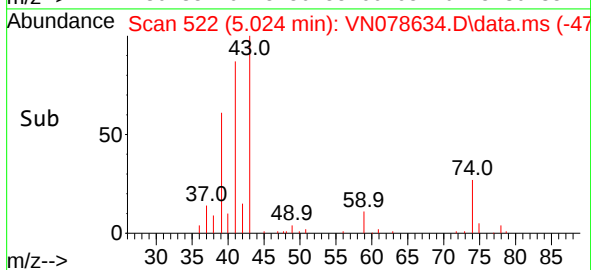
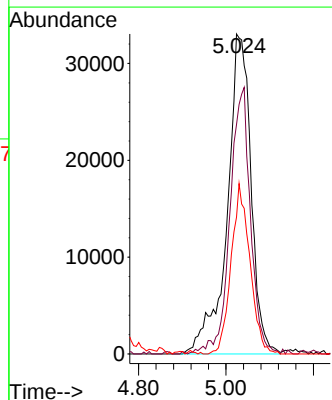
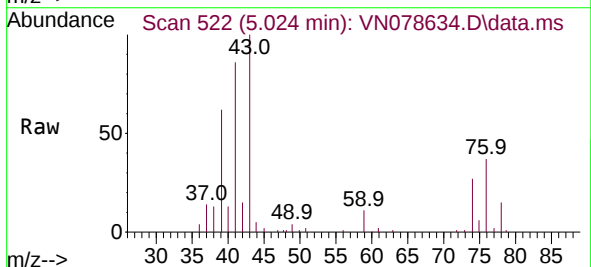
Manual Integrations
APPROVED

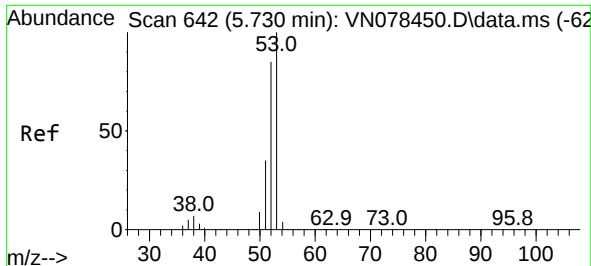
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#14
Allyl chloride
Concen: 18.407 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.012 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

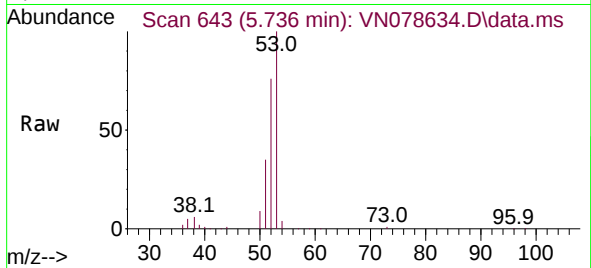
Tgt Ion: 41 Resp: 125697
Ion Ratio Lower Upper
41 100
39 71.5 58.8 88.2
76 41.8 39.1 58.7





#15
Acrylonitrile
Concen: 96.933 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

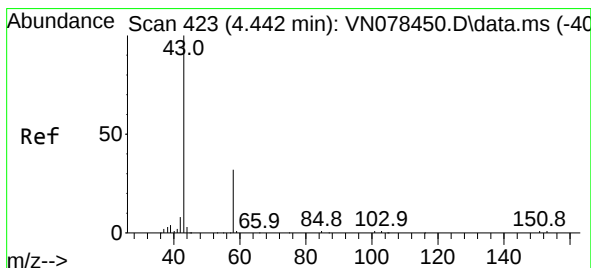
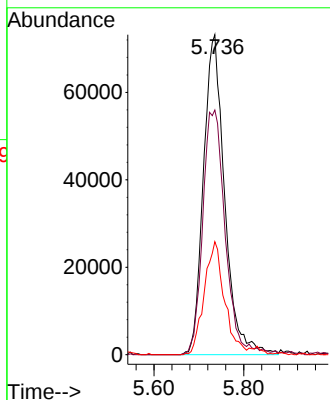
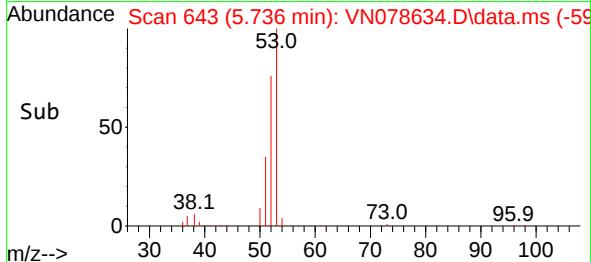
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 53 Resp: 23978
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 33.7 28.9 43.3

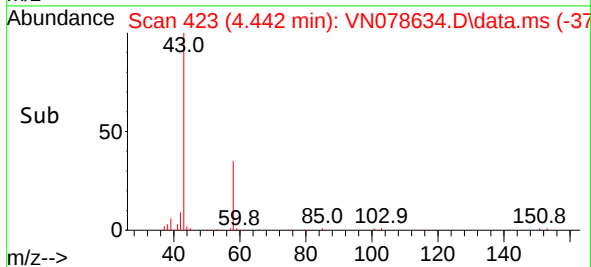
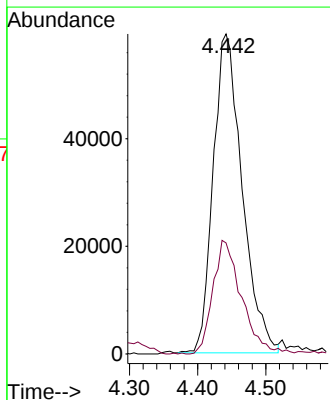
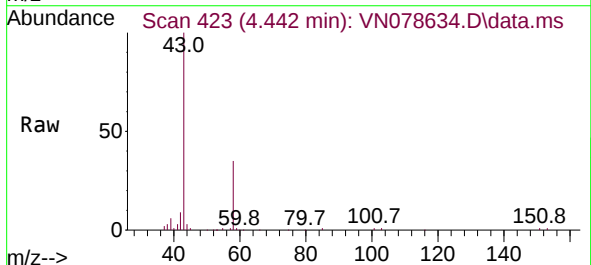
Manual Integrations
APPROVED

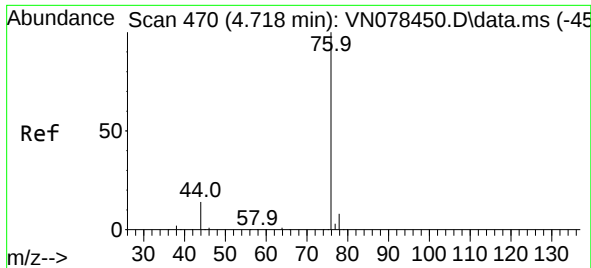
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#16
Acetone
Concen: 88.471 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

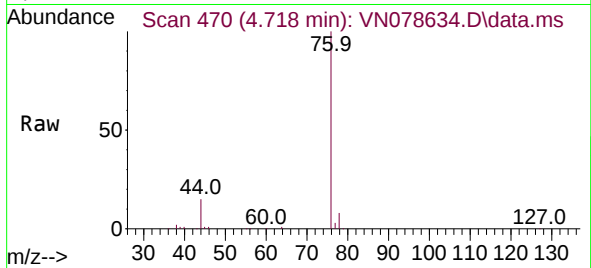
Tgt Ion: 43 Resp: 174976
Ion Ratio Lower Upper
43 100
58 34.8 28.0 42.0





#17
Carbon Disulfide
Concen: 13.641 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

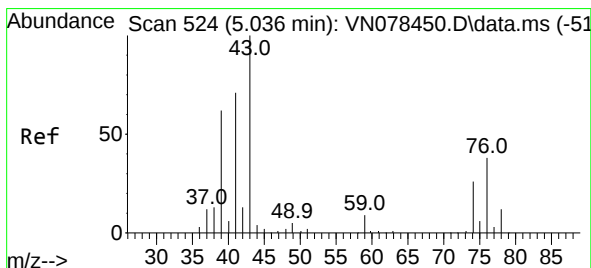
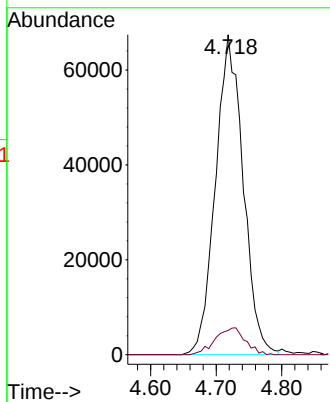
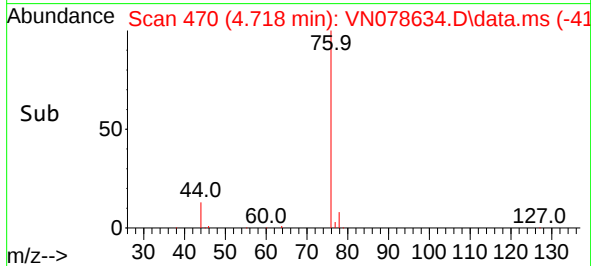
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 76 Resp: 197110
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.0

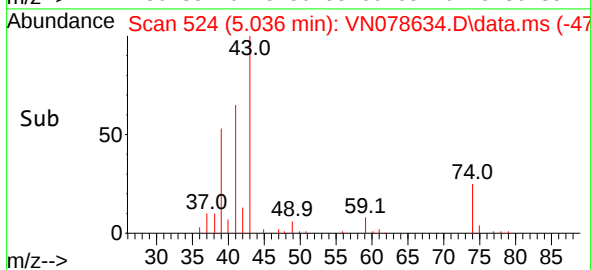
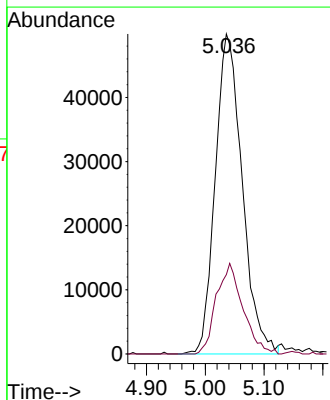
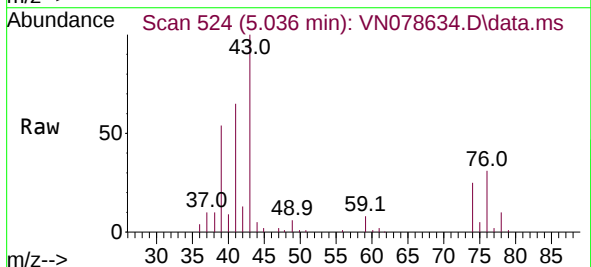
Manual Integrations
APPROVED

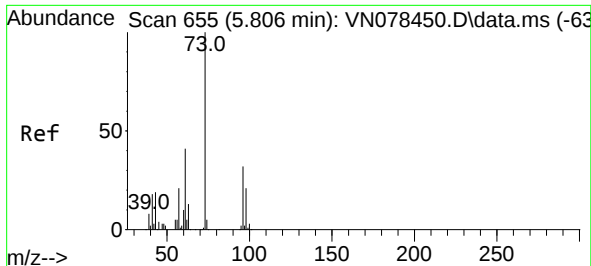
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#18
Methyl Acetate
Concen: 18.962 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

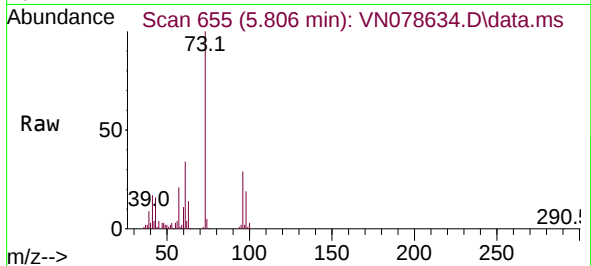
Tgt Ion: 43 Resp: 158753
Ion Ratio Lower Upper
43 100
74 27.9 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 19.729 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

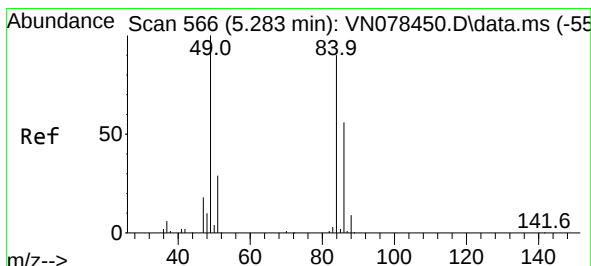
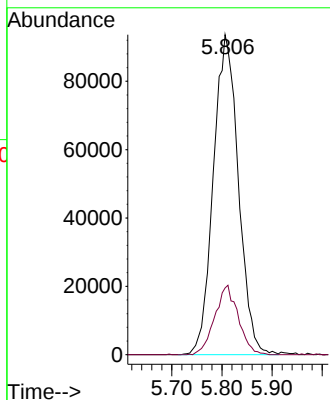
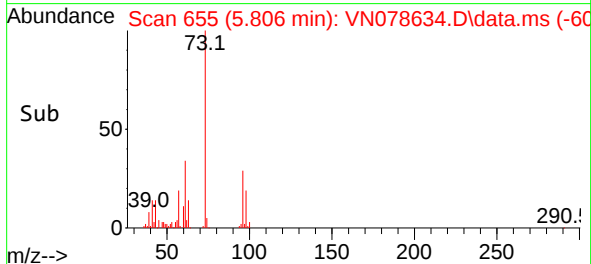
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 73 Resp: 324850
Ion Ratio Lower Upper
73 100
57 20.8 15.6 23.4

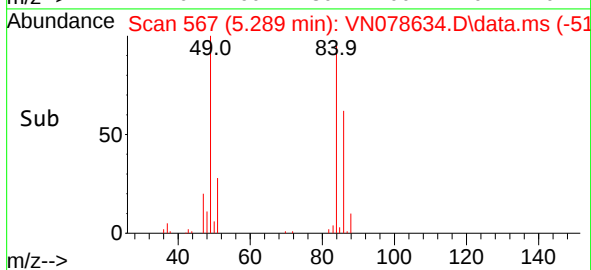
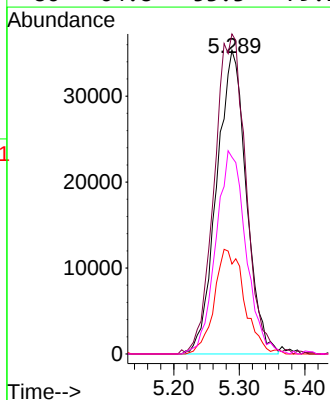
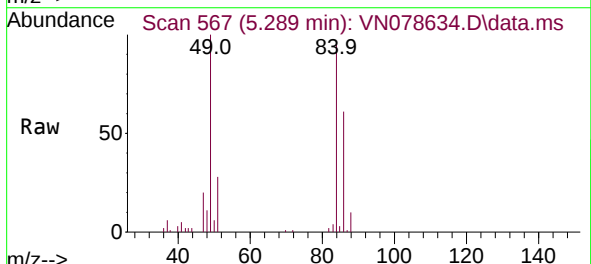
Manual Integrations
APPROVED

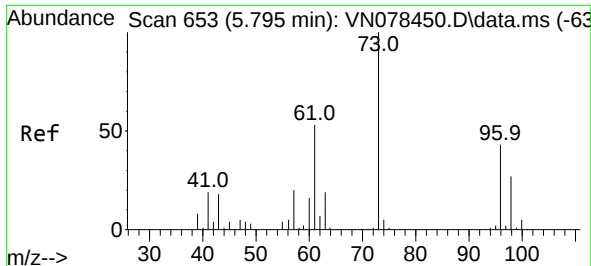
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#20
Methylene Chloride
Concen: 18.799 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

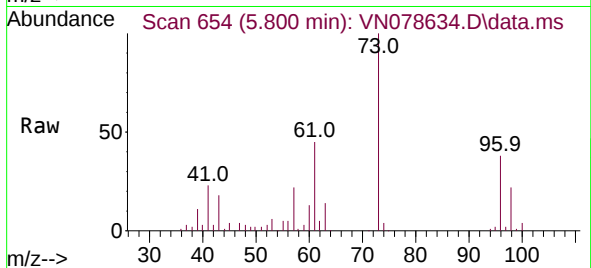
Tgt Ion: 84 Resp: 110979
Ion Ratio Lower Upper
84 100
49 105.4 79.7 119.5
51 29.6 25.2 37.8
86 64.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.218 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

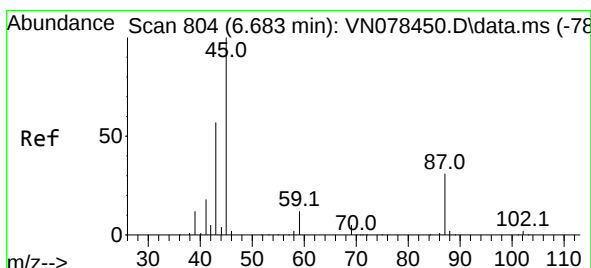
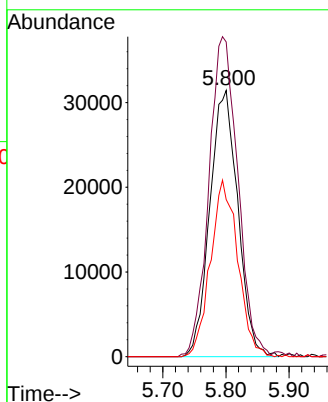
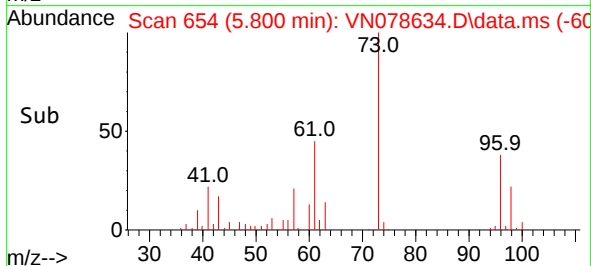
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 96 Resp: 9696
Ion Ratio Lower Upper
96 100
61 118.2 90.1 135.1
98 59.0 46.4 69.6

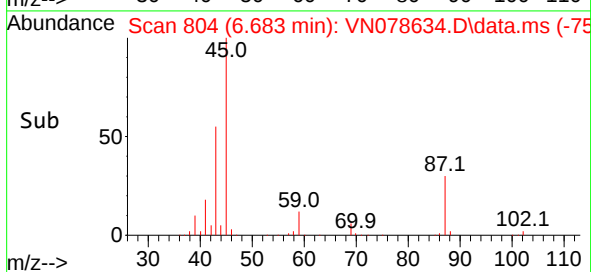
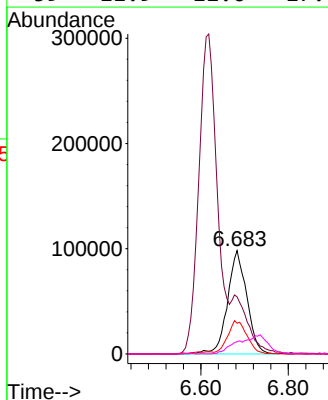
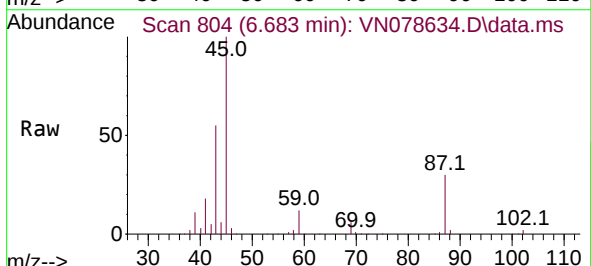
Manual Integrations
APPROVED

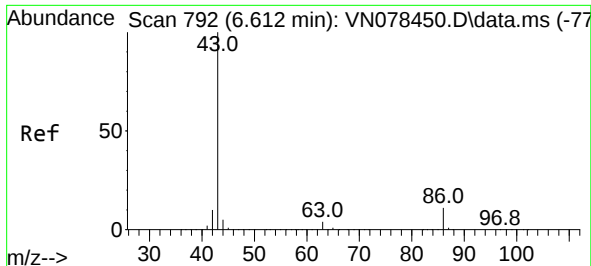
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#22
Diisopropyl ether
Concen: 19.686 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

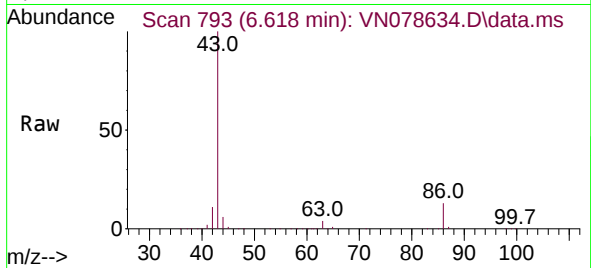
Tgt Ion: 45 Resp: 301008
Ion Ratio Lower Upper
45 100
43 55.3 45.5 68.3
87 29.6 31.8 47.8#
59 11.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 91.685 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078634.D
 Acq: 24 Jul 2023 13:19

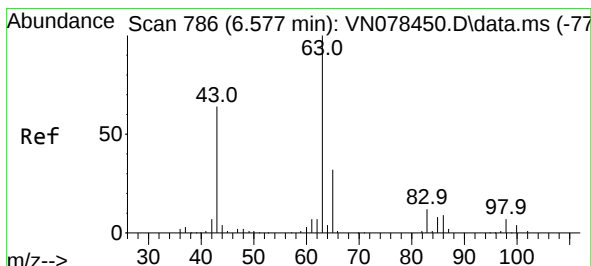
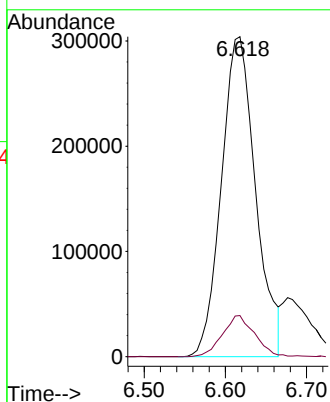
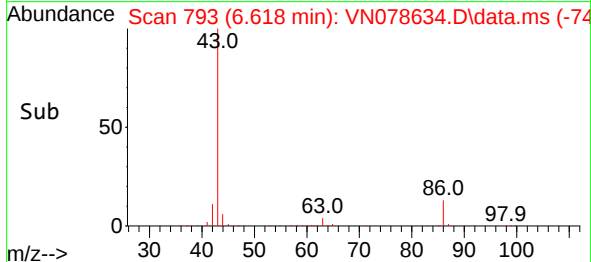
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724MBS02



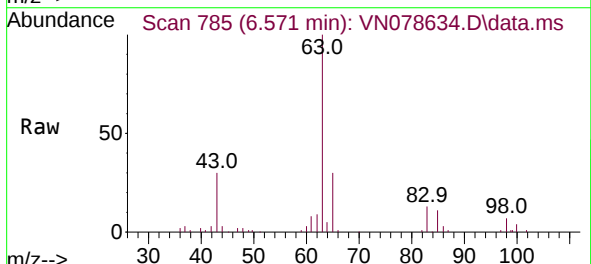
Tgt Ion: 43 Resp: 89124
 Ion Ratio Lower Upper
 43 100
 86 12.9 13.0 19.6

Manual Integrations
 APPROVED

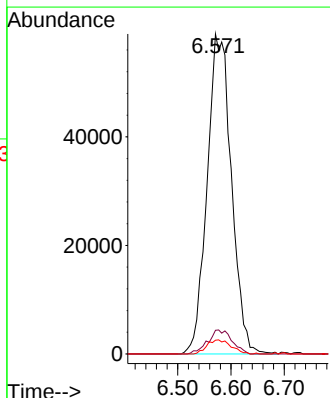
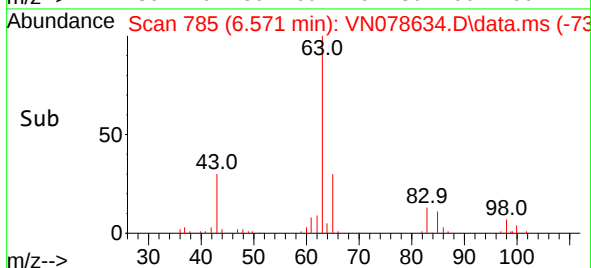
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023

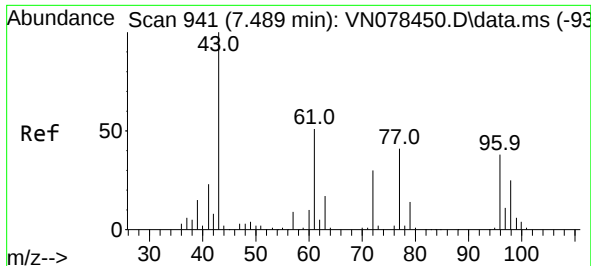


#24
 1,1-Dichloroethane
 Concen: 18.111 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078634.D
 Acq: 24 Jul 2023 13:19



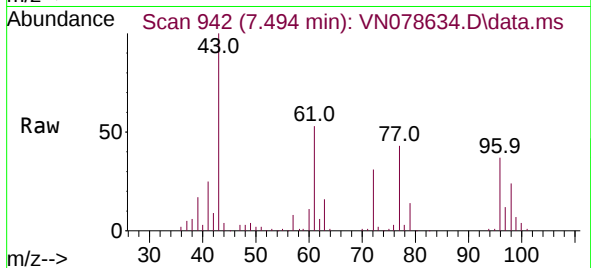
Tgt Ion: 63 Resp: 186597
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 92.772 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.005 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

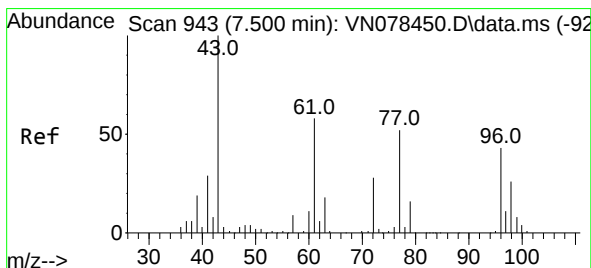
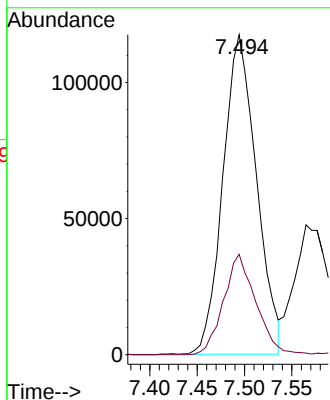
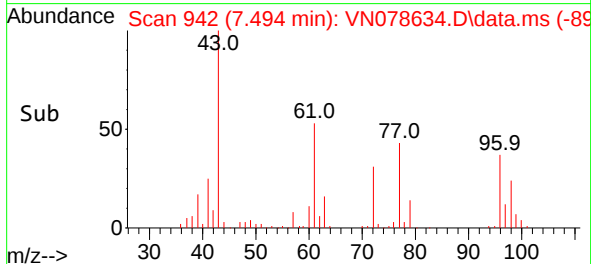
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 43 Resp: 288825
Ion Ratio Lower Upper
43 100
72 31.4 30.2 45.2

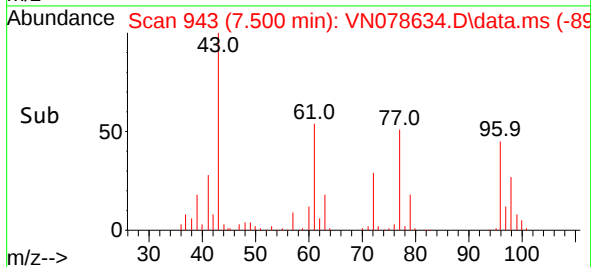
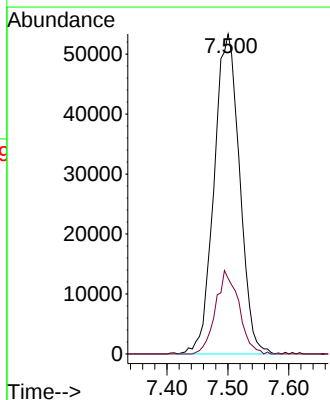
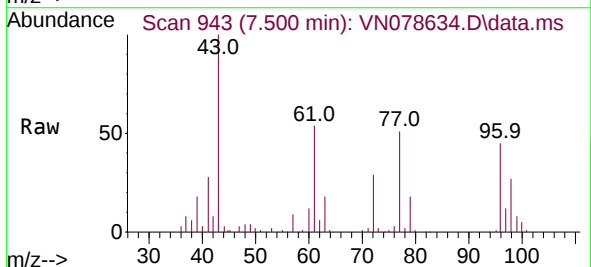
Manual Integrations
APPROVED

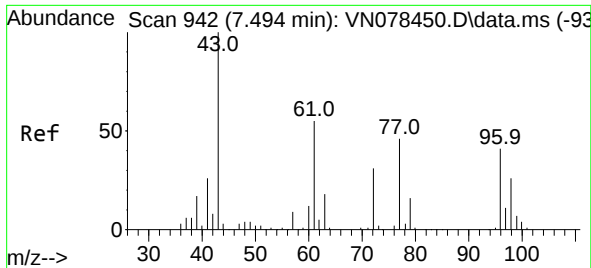
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#26
2,2-Dichloropropane
Concen: 18.447 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

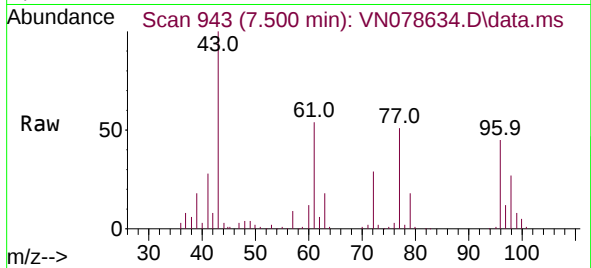
Tgt Ion: 77 Resp: 155447
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.713 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078634.D
 Acq: 24 Jul 2023 13:19

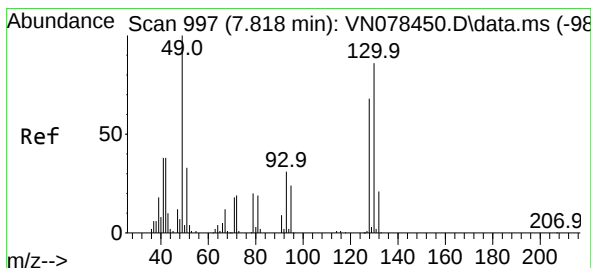
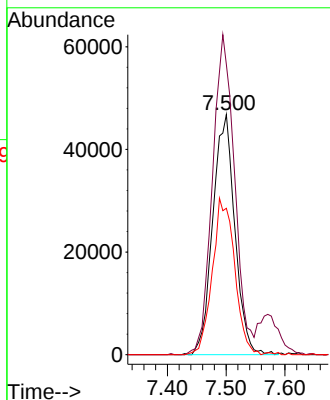
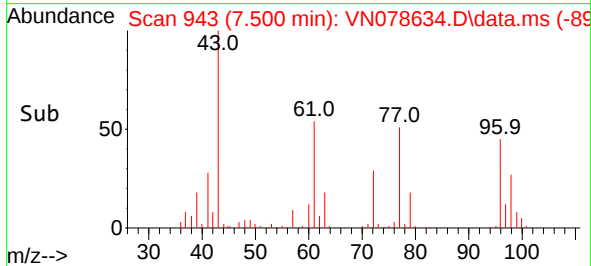
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724MBS02



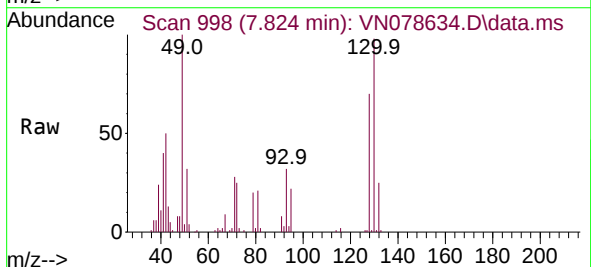
Tgt Ion: 96 Resp: 121908
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 255.2
 98 65.8 0.0 128.8

Manual Integrations
 APPROVED

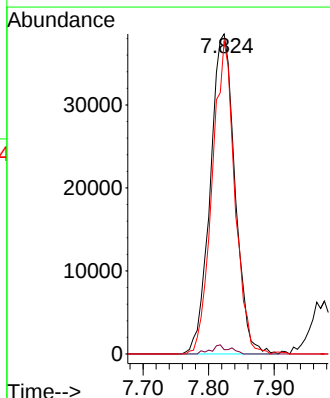
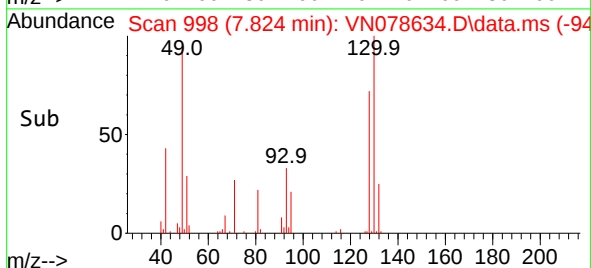
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023

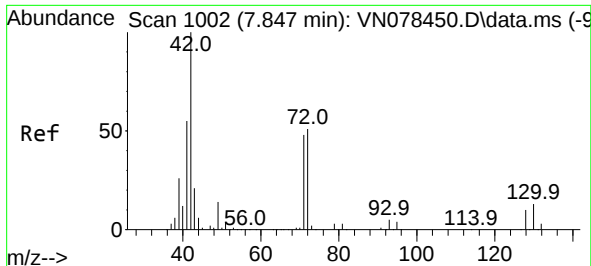


#28
 Bromochloromethane
 Concen: 20.773 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078634.D
 Acq: 24 Jul 2023 13:19



Tgt Ion: 49 Resp: 100810
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 89.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 92.177 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

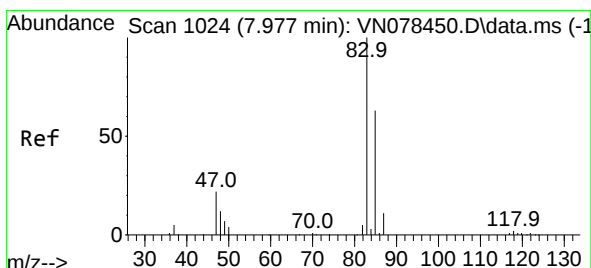
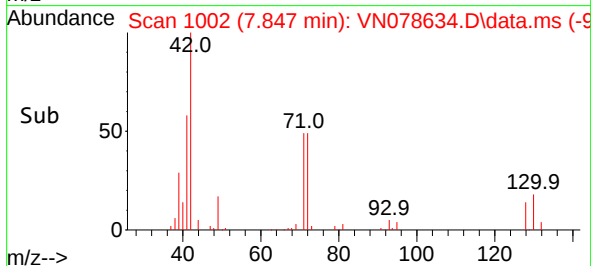
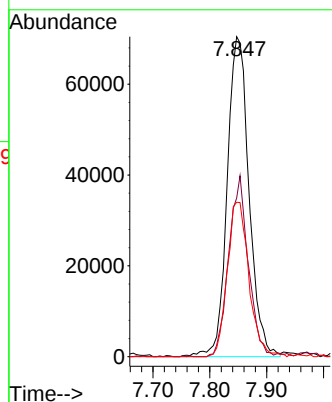
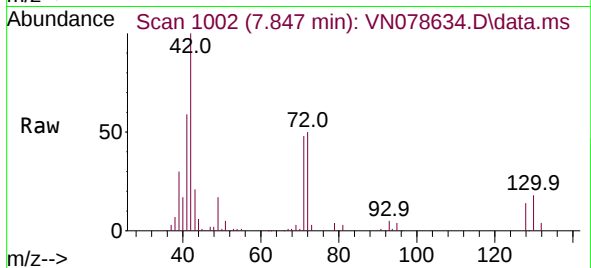
Tgt Ion: 42 Resp: 18830
 Ion Ratio Lower Upper
 42 100
 72 50.6 49.8 74.6
 71 47.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#30

Chloroform

Concen: 19.377 ug/l

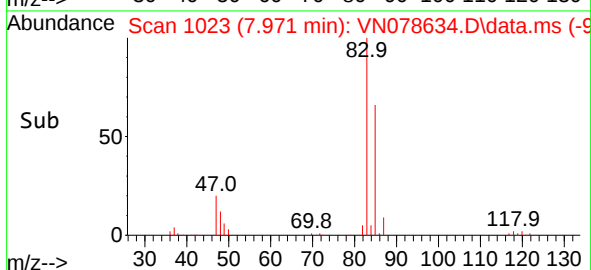
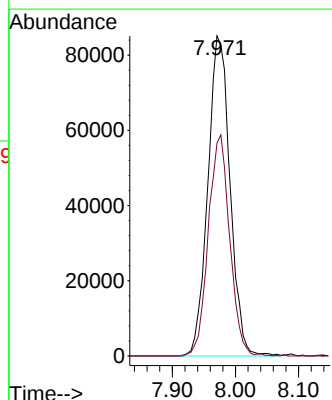
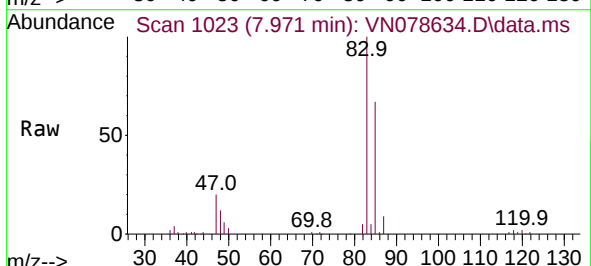
RT: 7.971 min Scan# 1023

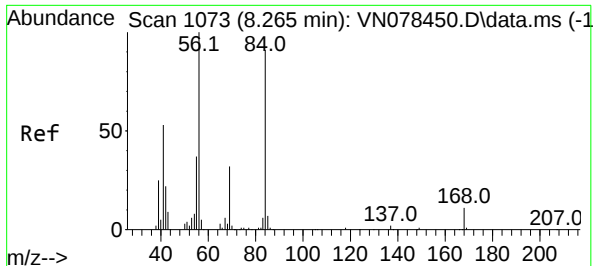
Delta R.T. -0.006 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

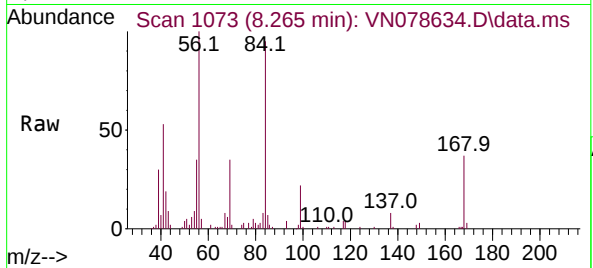
Tgt Ion: 83 Resp: 207854
 Ion Ratio Lower Upper
 83 100
 85 66.6 55.4 83.0





#31
Cyclohexane
Concen: 15.891 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

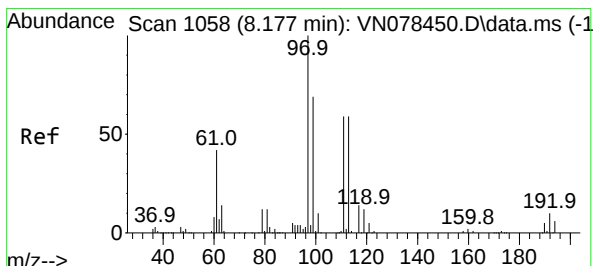
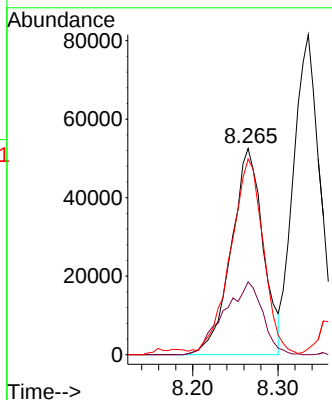
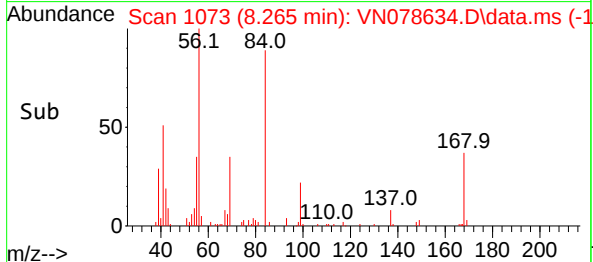
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 56 Resp: 136358
Ion Ratio Lower Upper
56 100
69 35.3 26.8 40.2
84 92.4 81.8 122.6

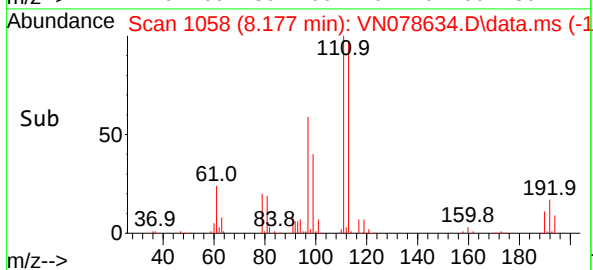
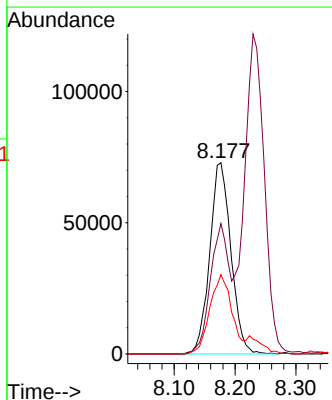
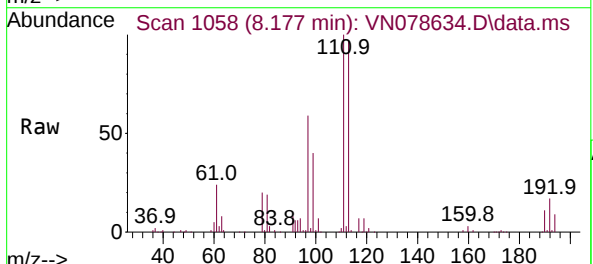
Manual Integrations
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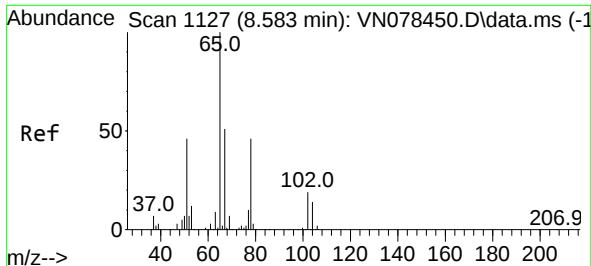
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#32
1,1,1-Trichloroethane
Concen: 18.349 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Tgt Ion: 97 Resp: 176470
Ion Ratio Lower Upper
97 100
99 60.0 50.3 75.5
61 42.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.463 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

Tgt Ion: 65 Resp: 30770

Ion Ratio Lower Upper

65 100

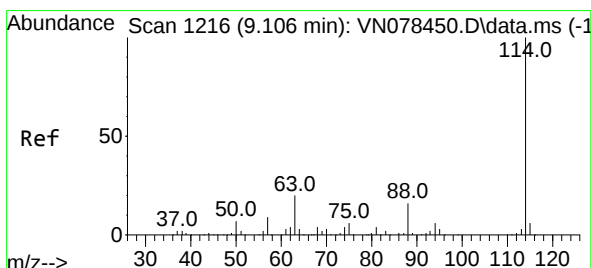
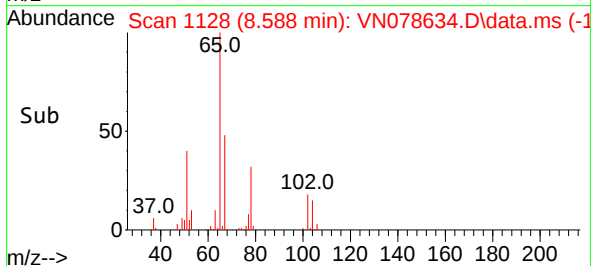
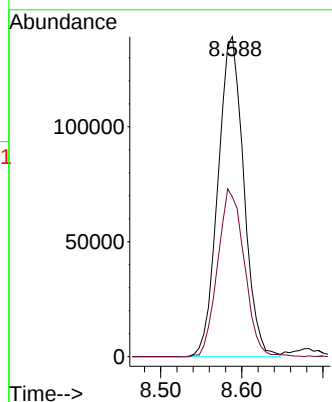
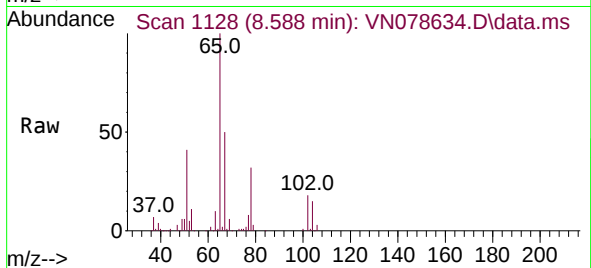
67 54.2 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

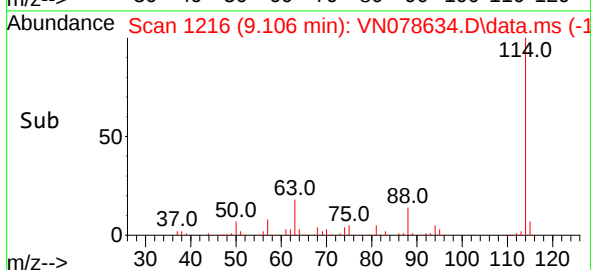
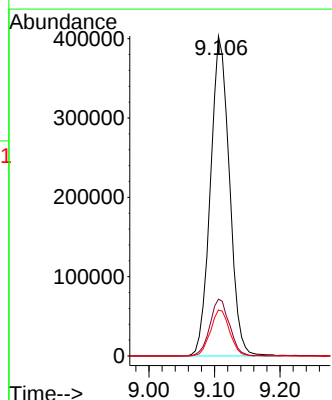
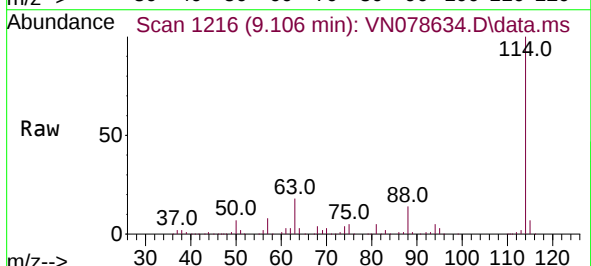
Tgt Ion:114 Resp: 809807

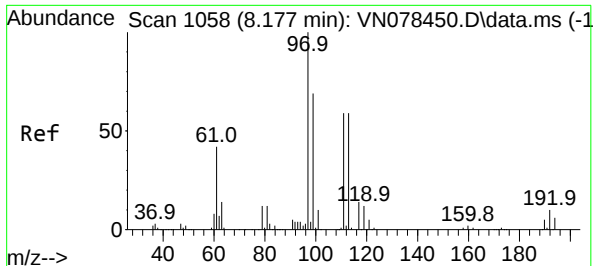
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.903 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

Tgt Ion: 113 Resp: 27982

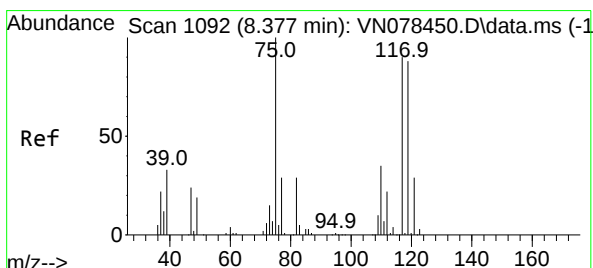
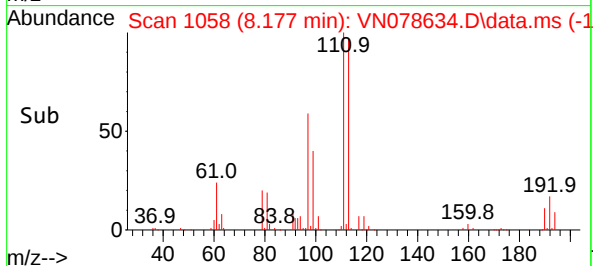
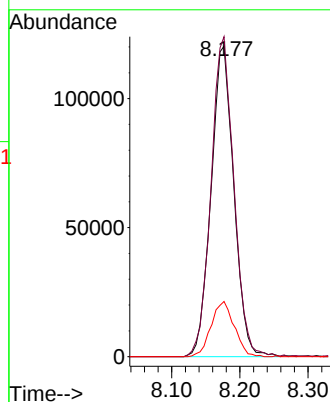
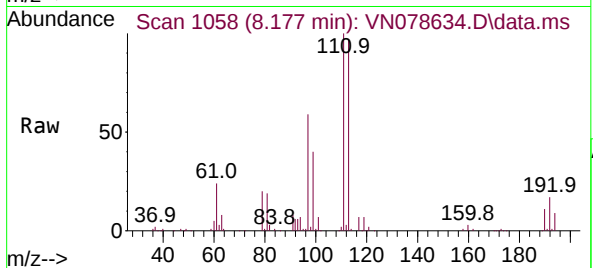
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	18.1	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 07/25/2023

Supervised By : Mahesh Dadoda 07/25/2023



#36

1,1-Dichloropropene

Concen: 17.213 ug/l

RT: 8.377 min Scan# 1092

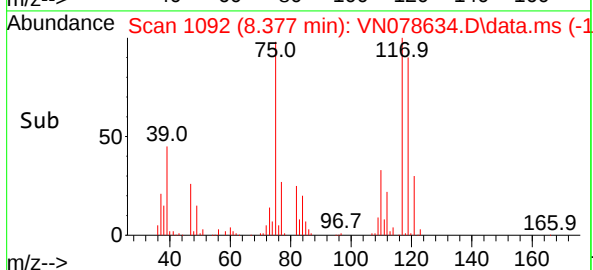
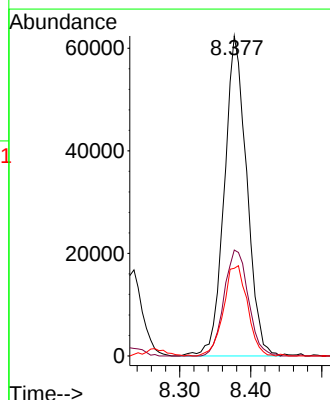
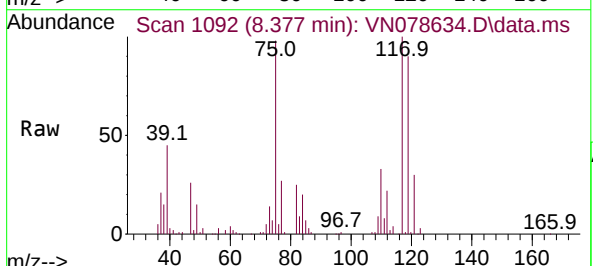
Delta R.T. -0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Tgt Ion: 75 Resp: 136632

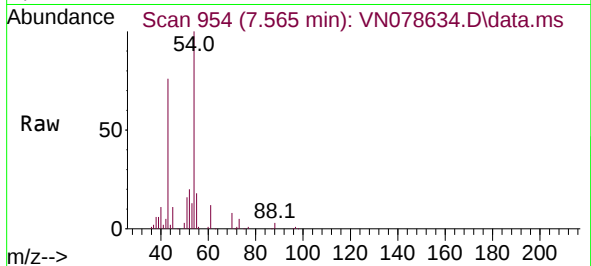
Ion	Ratio	Lower	Upper
75	100		
110	35.9	19.1	57.3
77	30.1	25.0	37.4





#37
Ethyl Acetate
Concen: 19.117 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

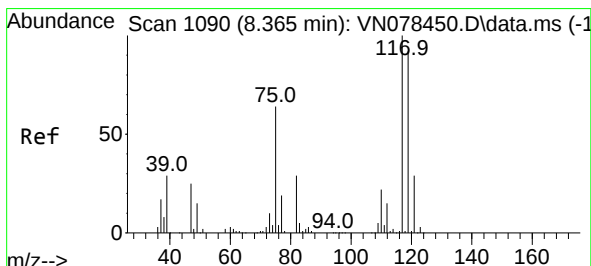
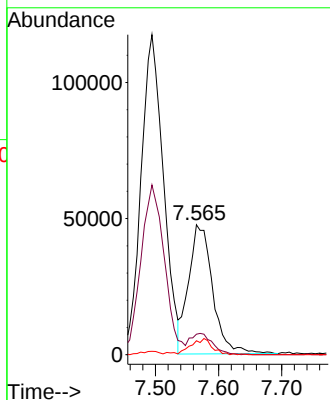
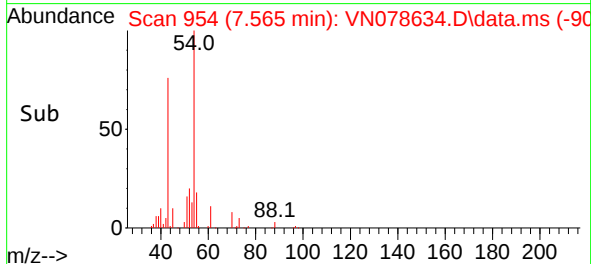
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 43 Resp: 126490
Ion Ratio Lower Upper
43 100
61 15.2 13.2 19.8
70 11.5 11.3 16.9

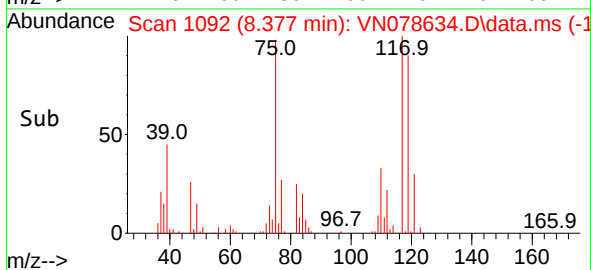
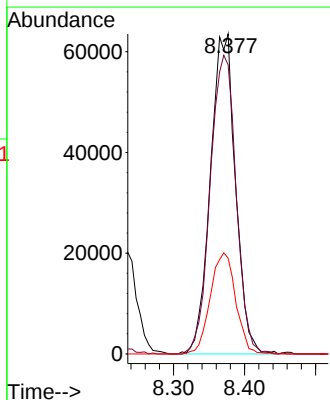
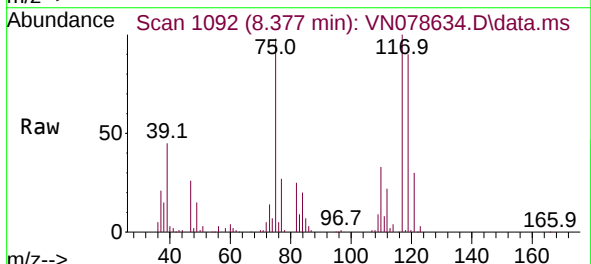
Manual Integrations
APPROVED

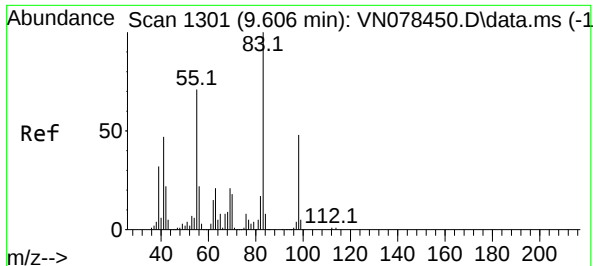
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#38
Carbon Tetrachloride
Concen: 18.083 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.012 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Tgt Ion:117 Resp: 156002
Ion Ratio Lower Upper
117 100
119 90.3 77.3 115.9
121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 17.069 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

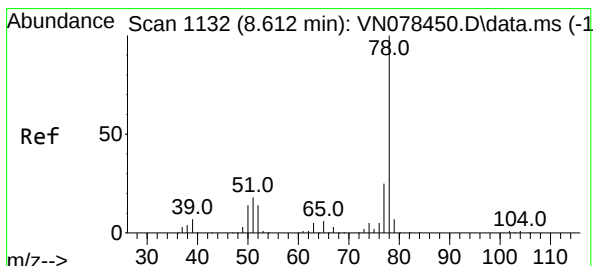
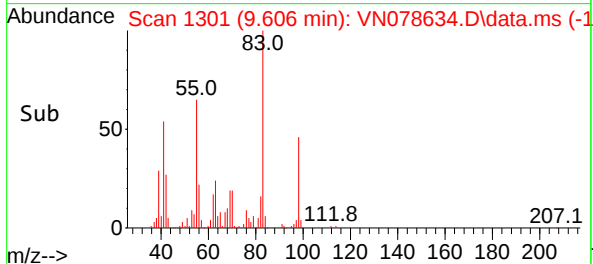
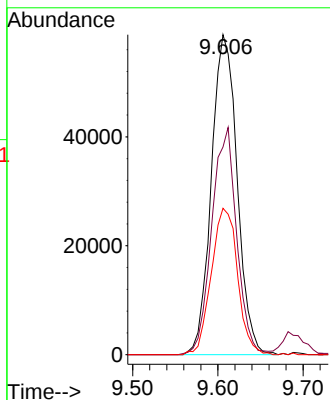
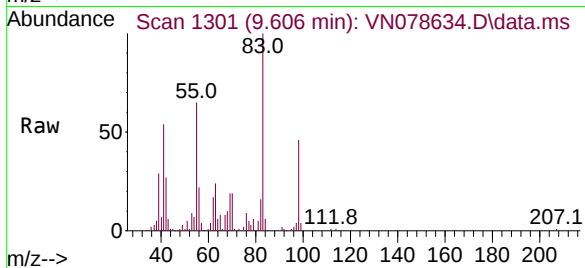
Tgt Ion: 83	Resp: 12367
Ion Ratio	Lower Upper
83	100
55	64.9 49.1 73.7
98	45.8 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#40

Benzene

Concen: 18.963 ug/l

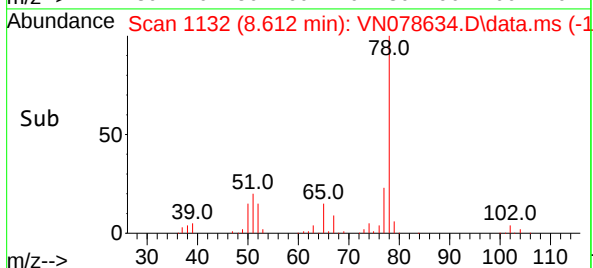
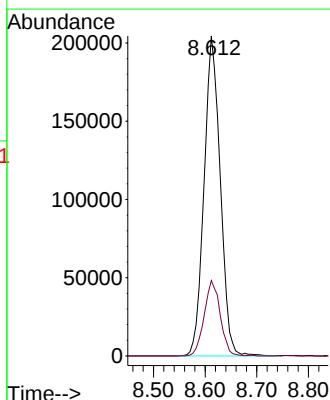
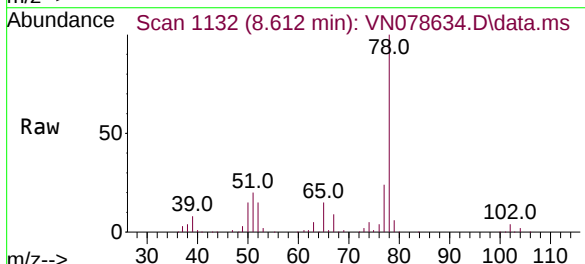
RT: 8.612 min Scan# 1132

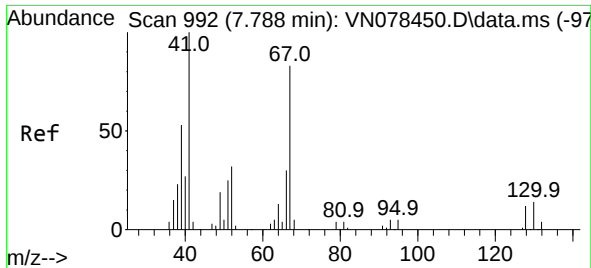
Delta R.T. -0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

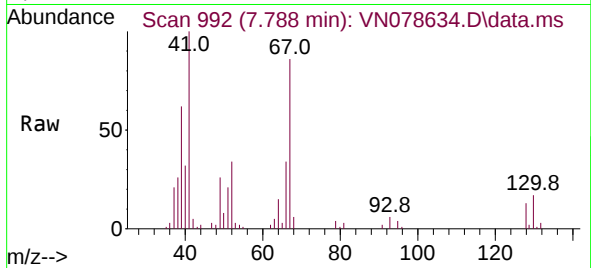
Tgt Ion: 78	Resp: 445924
Ion Ratio	Lower Upper
78	100
77	23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 19.585 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

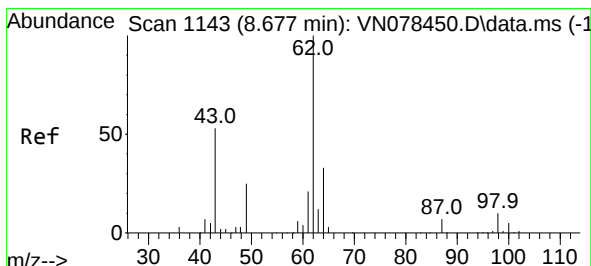
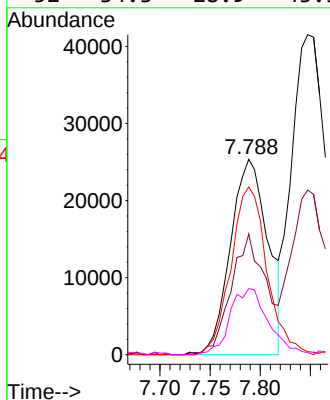
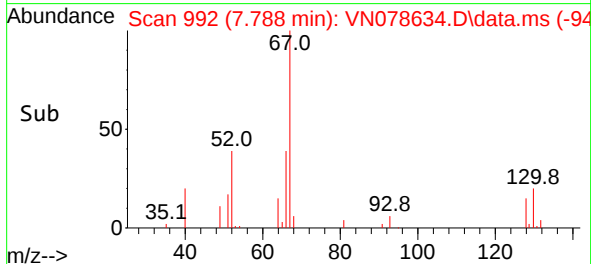
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



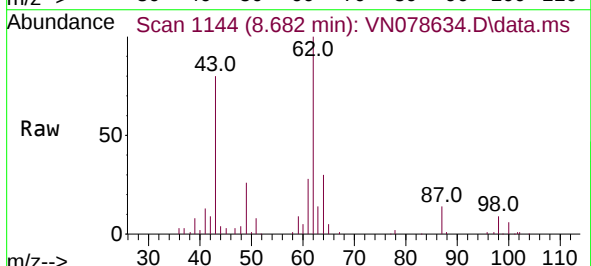
Tgt Ion: 41 Resp: 66063
Ion Ratio Lower Upper
41 100
39 57.8 42.6 64.0
67 82.7 77.5 116.3
52 34.3 28.9 43.3

Manual Integrations
APPROVED

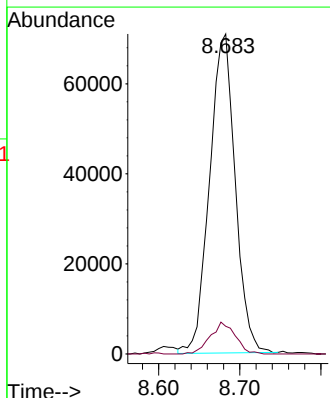
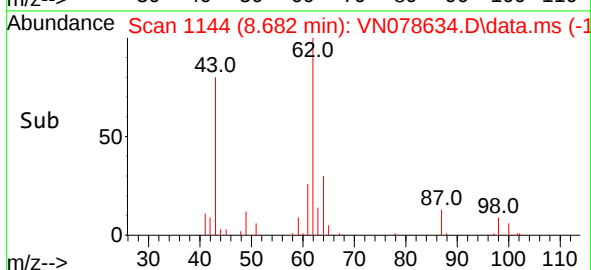
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

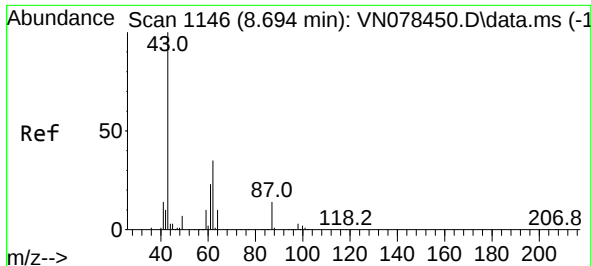


#42
1,2-Dichloroethane
Concen: 19.474 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19



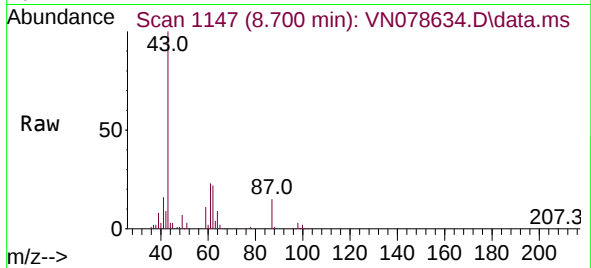
Tgt Ion: 62 Resp: 155763
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.371 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

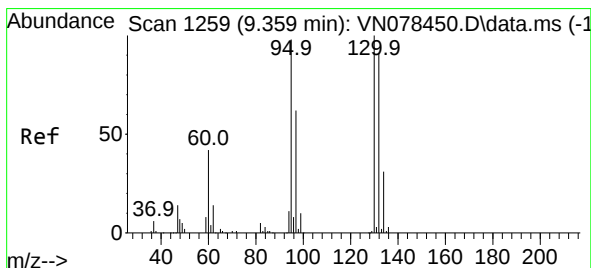
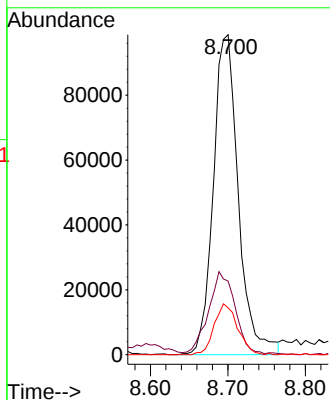
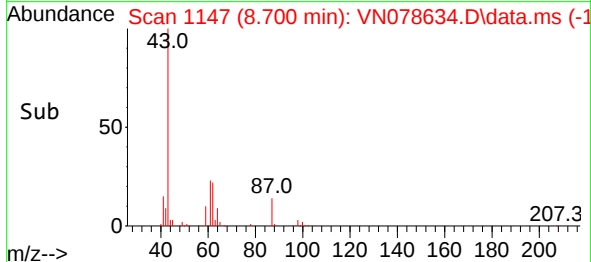
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 43 Resp: 22192
Ion Ratio Lower Upper
43 100
61 28.0 24.7 37.1
87 14.9 14.6 21.8

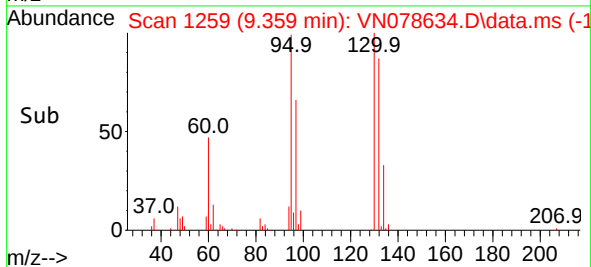
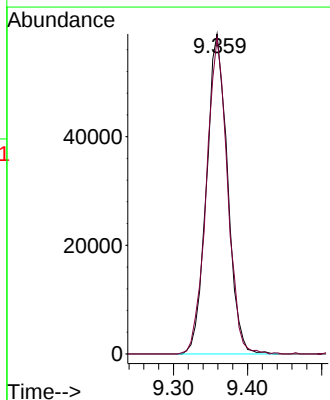
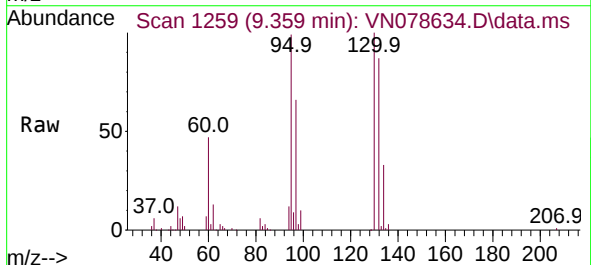
Manual Integrations
APPROVED

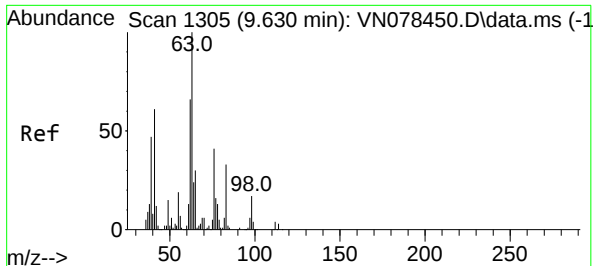
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#44
Trichloroethene
Concen: 18.340 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Tgt Ion:130 Resp: 116236
Ion Ratio Lower Upper
130 100
95 98.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.762 ug/l

RT: 9.630 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

Tgt Ion: 63 Resp: 111740

Ion Ratio Lower Upper

63 100

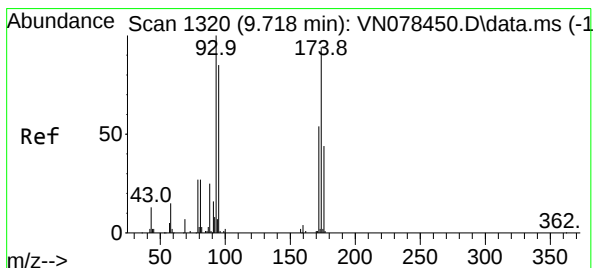
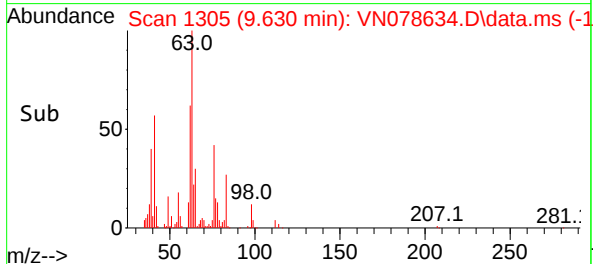
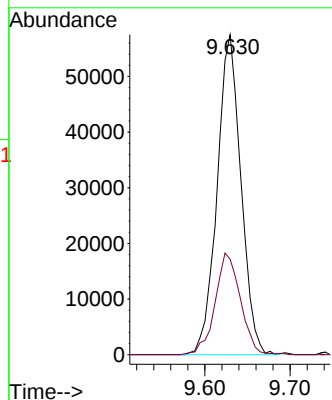
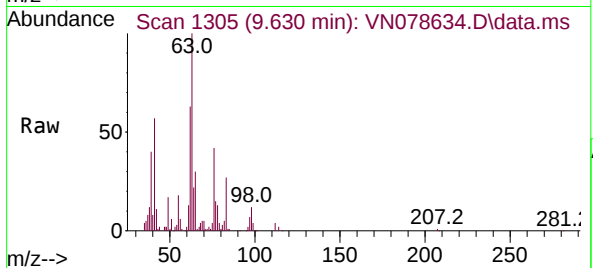
65 29.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#46

Dibromomethane

Concen: 20.101 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

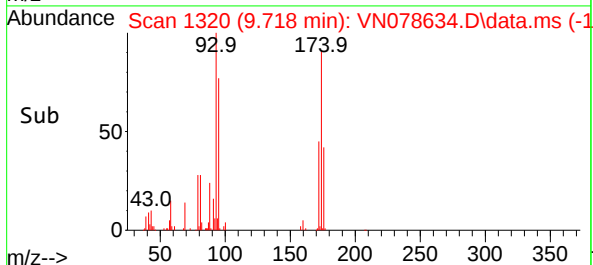
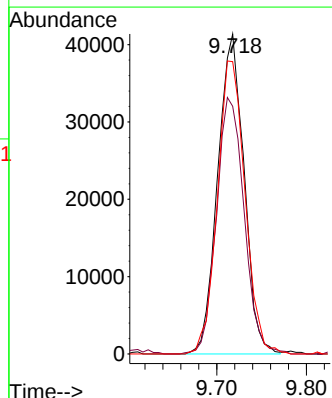
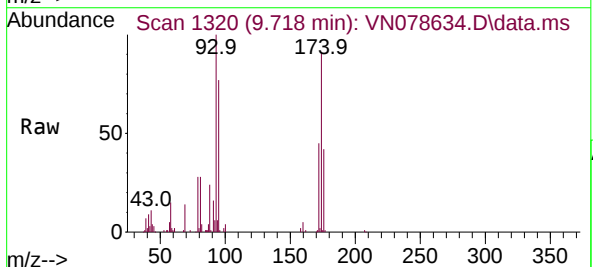
Tgt Ion: 93 Resp: 84262

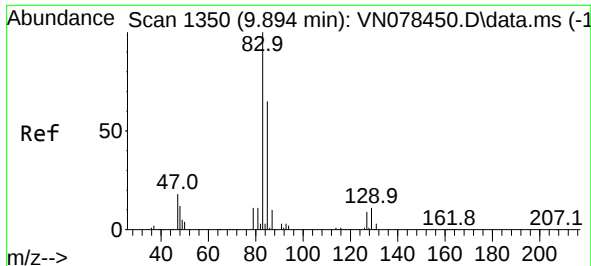
Ion Ratio Lower Upper

93 100

95 84.2 63.8 95.8

174 96.1 65.6 98.4





#47

Bromodichloromethane

Concen: 19.390 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

Tgt Ion: 83 Resp: 162933

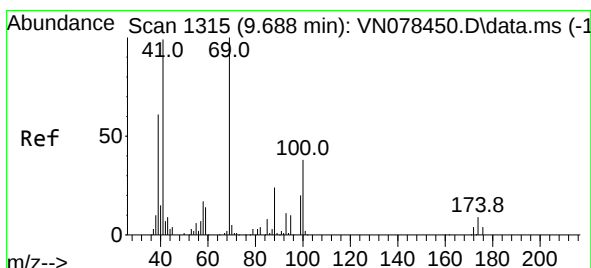
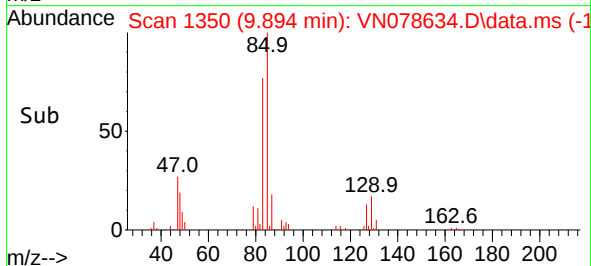
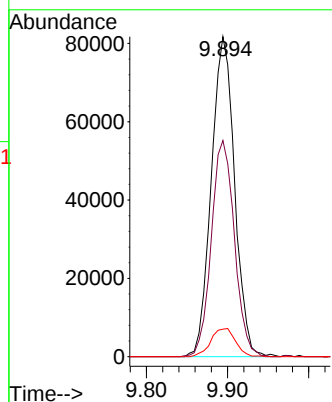
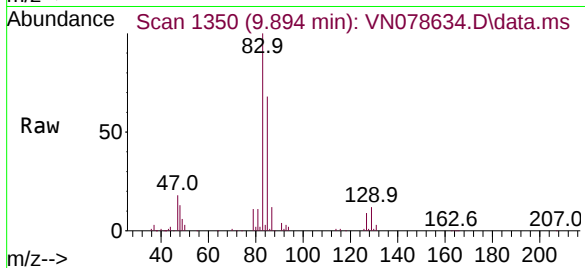
Ion	Ratio	Lower	Upper
83	100		
85	67.6	49.6	74.4
127	8.6	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#48

Methyl methacrylate

Concen: 19.206 ug/l

RT: 9.688 min Scan# 1315

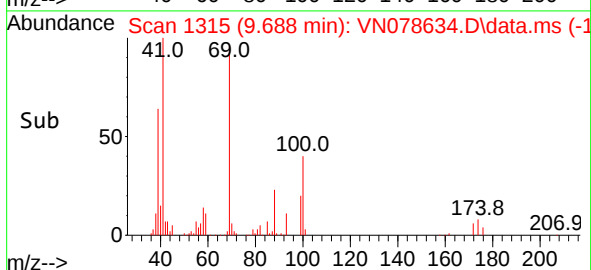
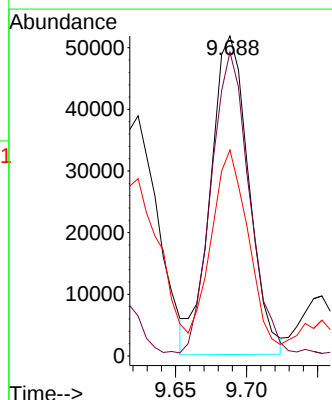
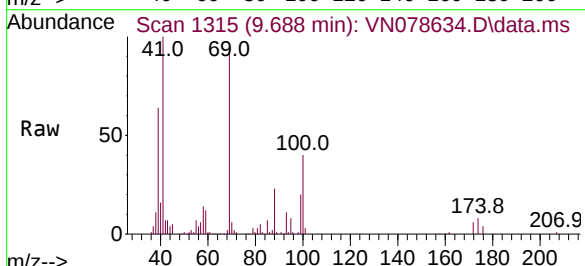
Delta R.T. 0.000 min

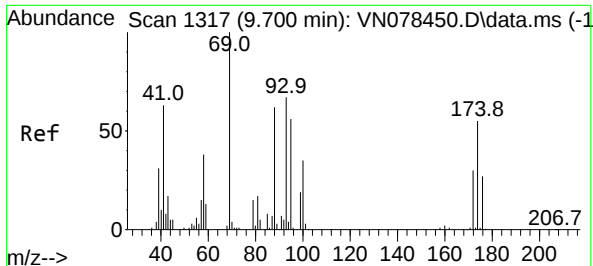
Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Tgt Ion: 41 Resp: 96933

Ion	Ratio	Lower	Upper
41	100		
69	93.5	90.4	135.6
39	63.7	54.6	81.8





#49

1,4-Dioxane

Concen: 394.621 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

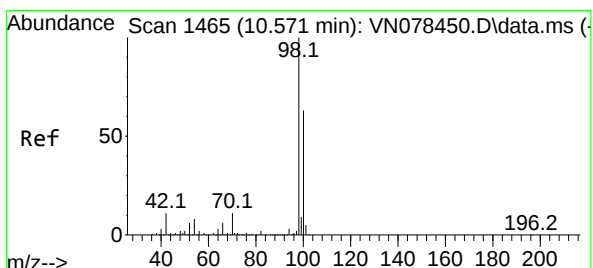
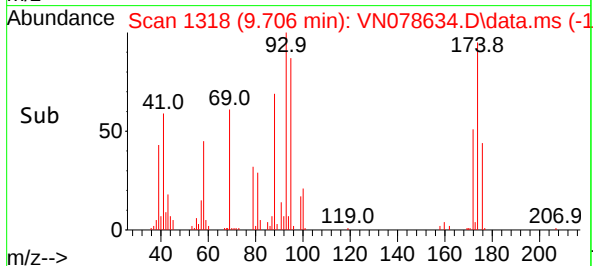
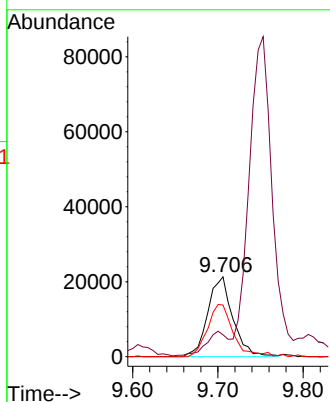
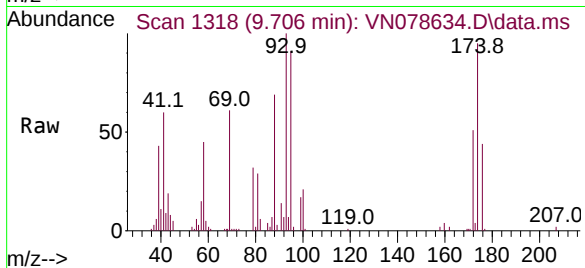
Tgt Ion:	88	Resp:	43434
Ion Ratio	Lower	Upper	
88	100		
43	25.3	17.0	25.6
58	67.9	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#50

Toluene-d8

Concen: 46.966 ug/l

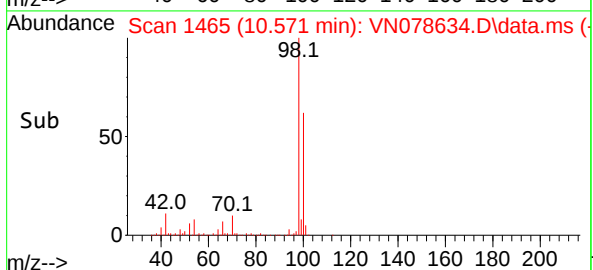
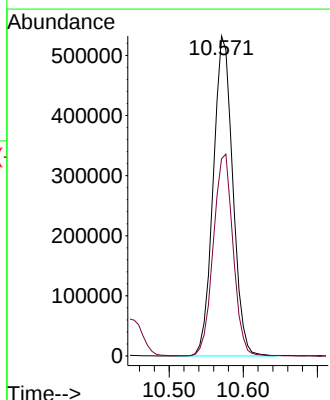
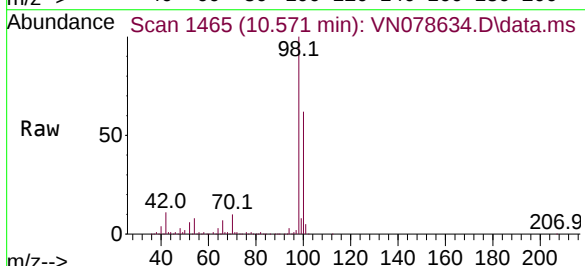
RT: 10.571 min Scan# 1465

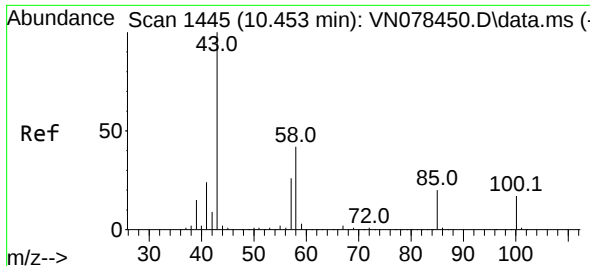
Delta R.T. -0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

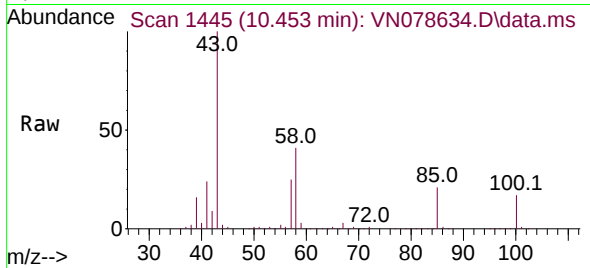
Tgt Ion:	98	Resp:	975339
Ion Ratio	Lower	Upper	
98	100		
100	63.7	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 96.511 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

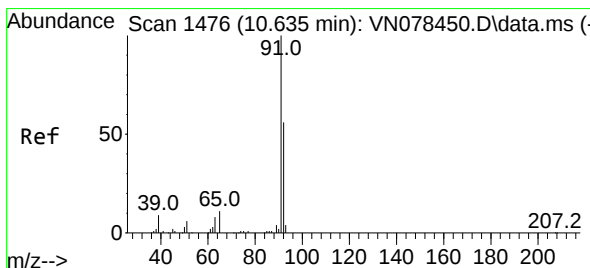
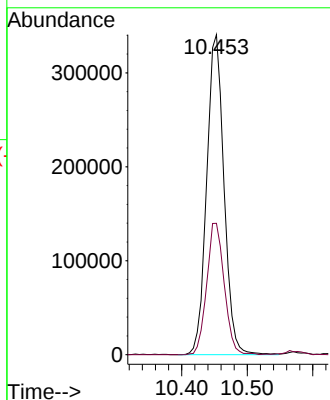
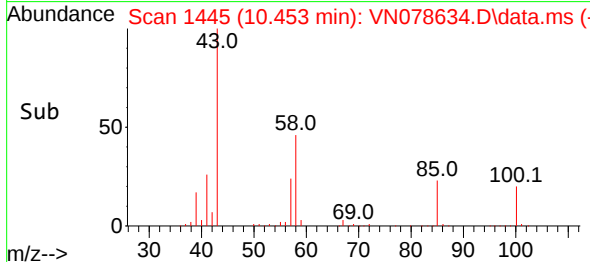
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 43 Resp: 625364
Ion Ratio Lower Upper
43 100
58 41.6 36.6 54.8

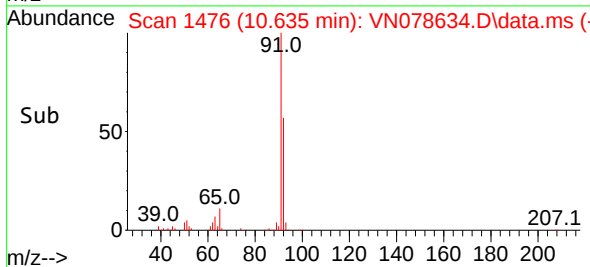
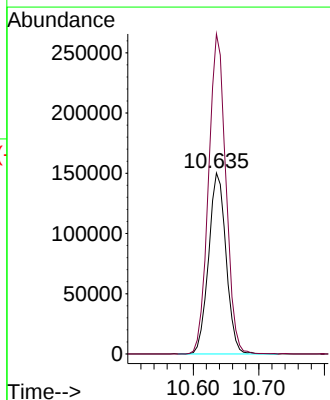
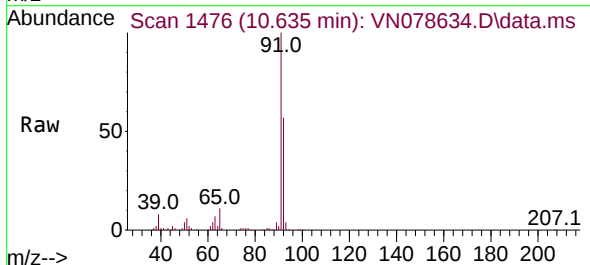
Manual Integrations
APPROVED

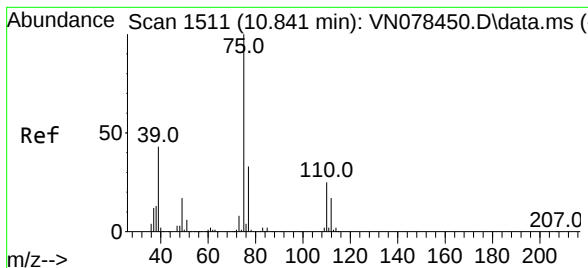
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#52
Toluene
Concen: 19.026 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Tgt Ion: 92 Resp: 277297
Ion Ratio Lower Upper
92 100
91 175.7 137.4 206.0





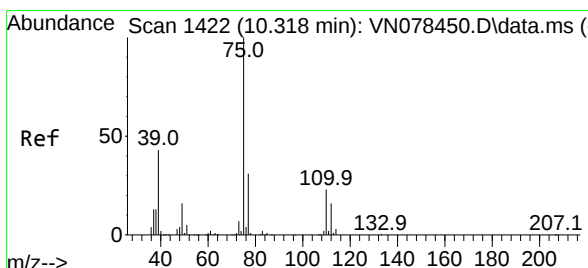
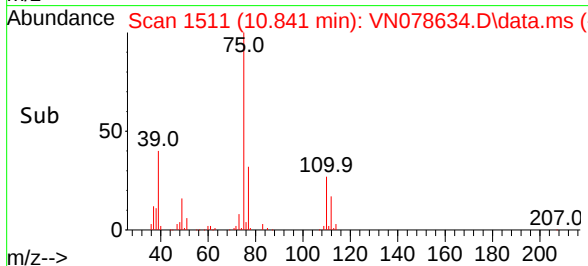
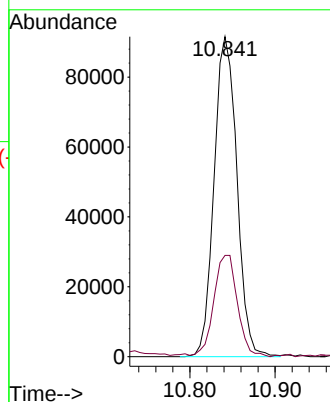
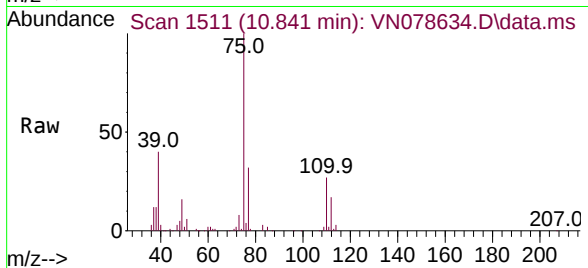
#53
t-1,3-Dichloropropene
Concen: 19.822 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

Tgt Ion: 75 Resp: 170640
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

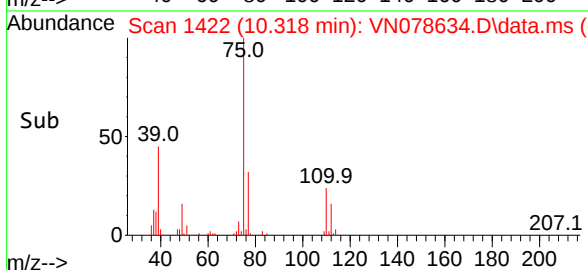
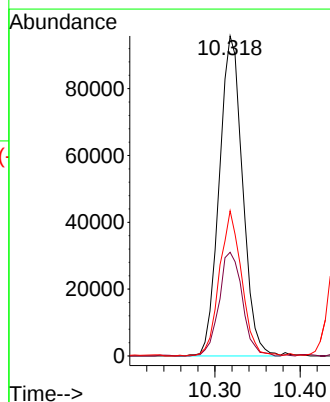
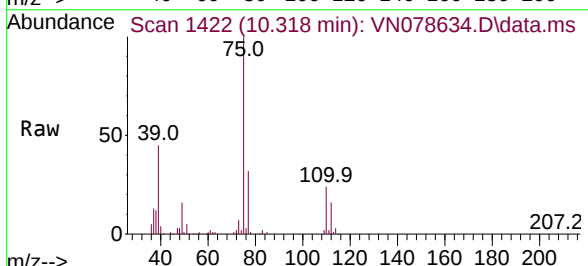
Manual Integrations
APPROVED

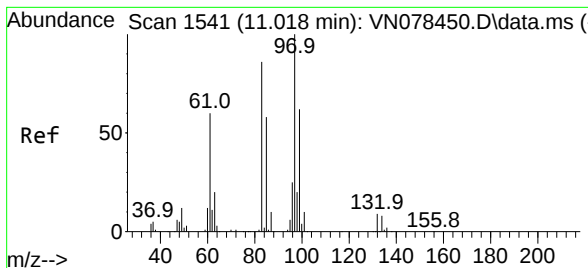
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#54
cis-1,3-Dichloropropene
Concen: 19.860 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

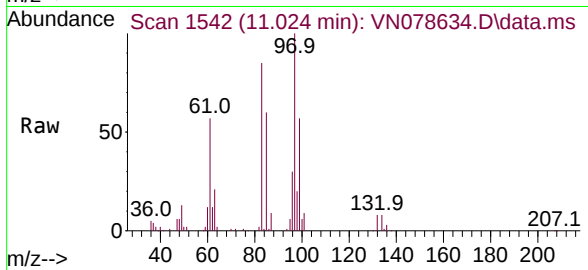
Tgt Ion: 75 Resp: 182241
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 45.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.527 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

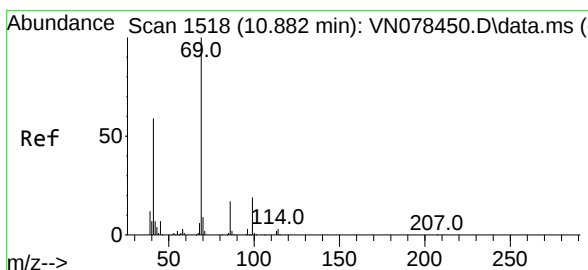
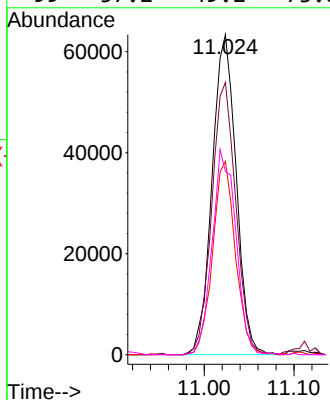
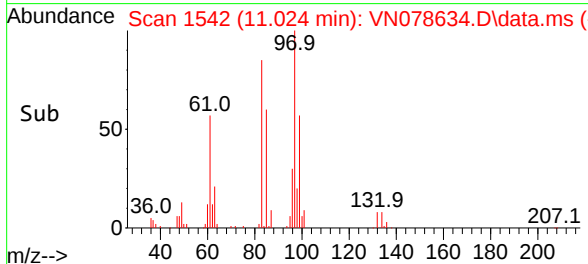
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 97 Resp: 117872
Ion Ratio Lower Upper
97 100
83 85.1 65.1 97.7
85 60.4 43.4 65.2
99 57.2 49.2 73.8

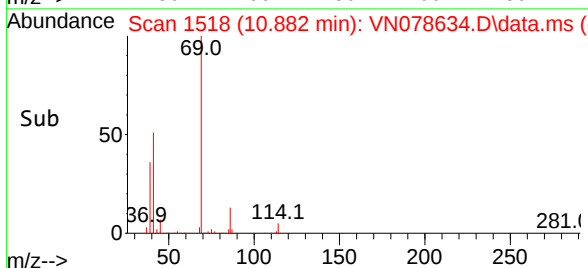
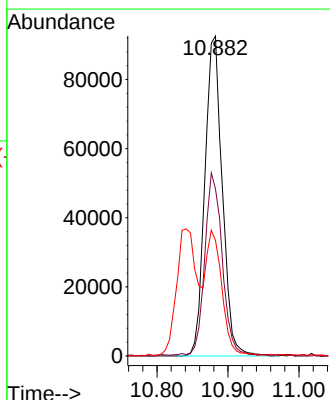
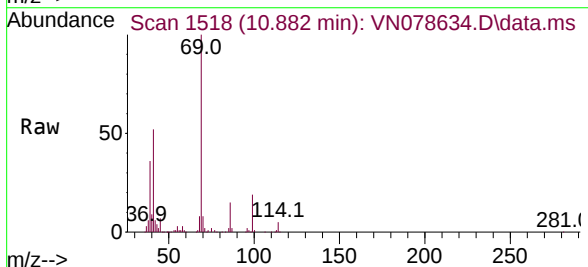
Manual Integrations
APPROVED

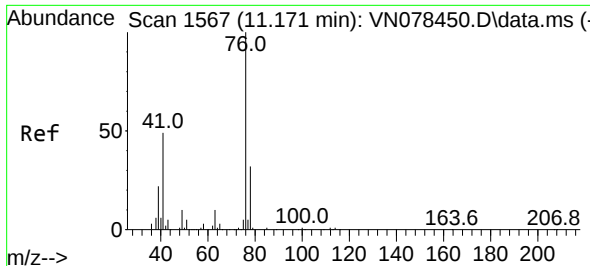
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#56
Ethyl methacrylate
Concen: 19.688 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

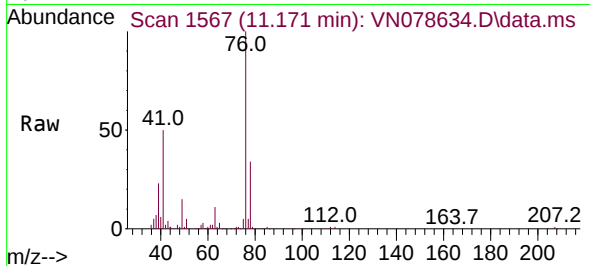
Tgt Ion: 69 Resp: 158036
Ion Ratio Lower Upper
69 100
41 56.6 39.6 59.4
39 33.9 28.6 43.0





#57
1,3-Dichloropropane
Concen: 19.516 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

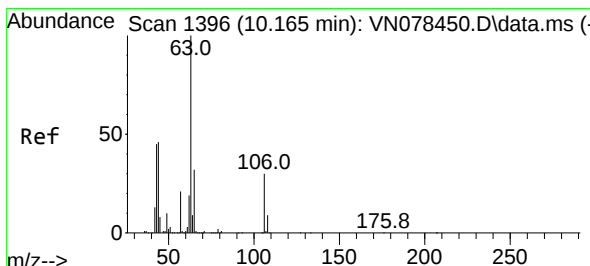
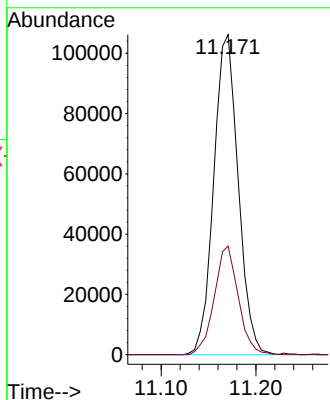
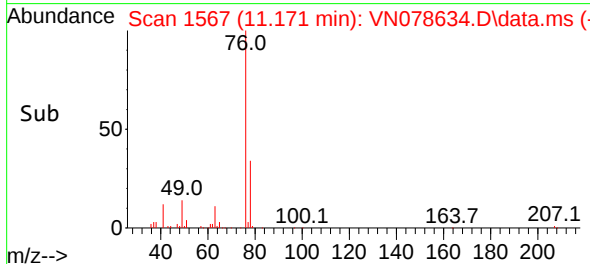
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 76 Resp: 190540
Ion Ratio Lower Upper
76 100
78 33.3 26.1 39.1

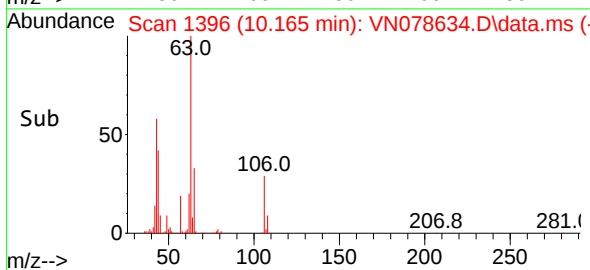
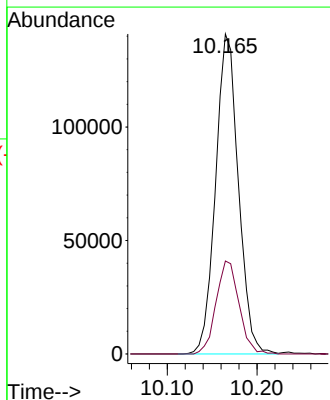
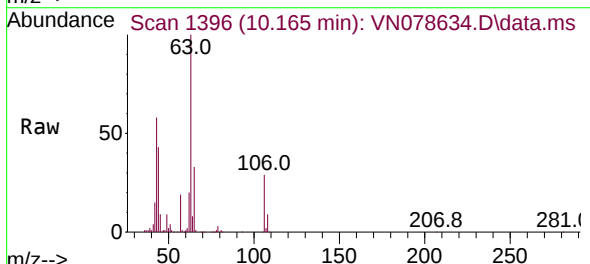
Manual Integrations
APPROVED

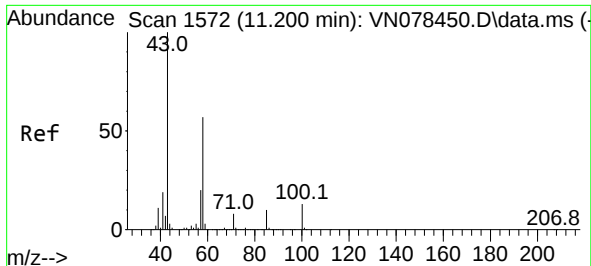
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#58
2-Chloroethyl Vinyl ether
Concen: 86.913 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Tgt Ion: 63 Resp: 248622
Ion Ratio Lower Upper
63 100
106 29.2 26.2 39.4





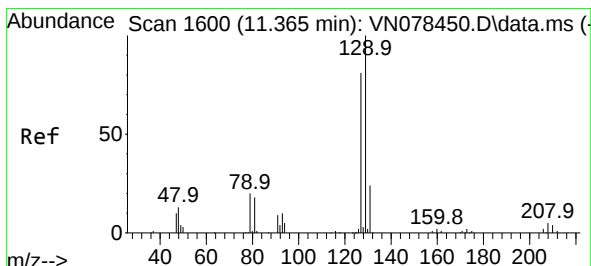
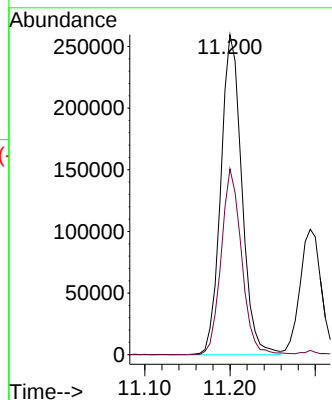
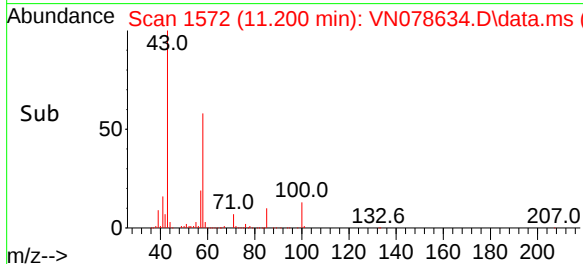
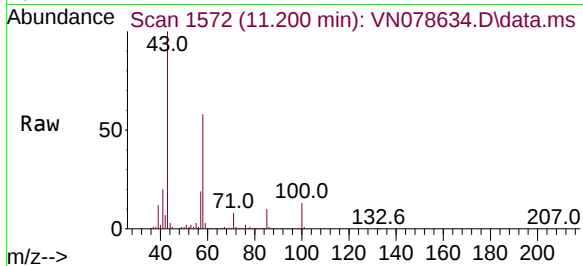
#59
2-Hexanone
Concen: 96.722 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

Tgt Ion: 43 Resp: 445420
Ion Ratio Lower Upper
43 100
58 56.4 31.7 95.1

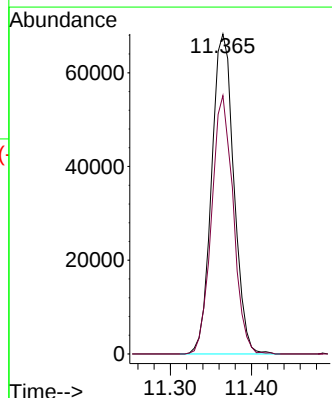
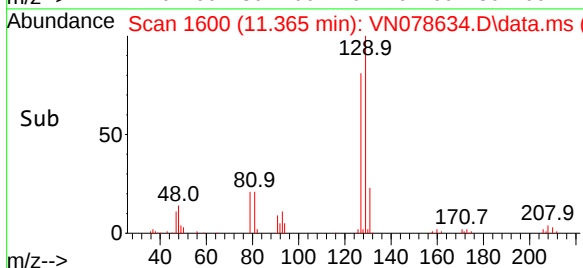
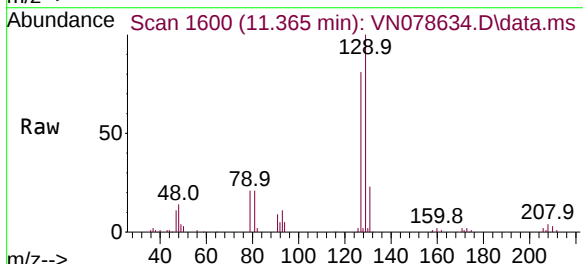
Manual Integrations
APPROVED

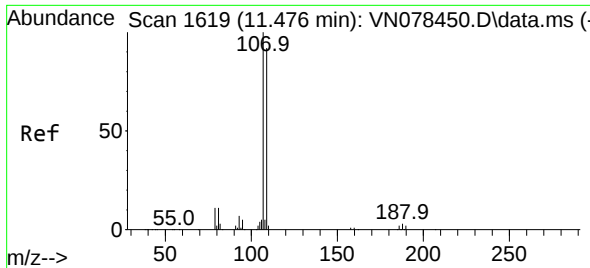
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#60
Dibromochloromethane
Concen: 20.480 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

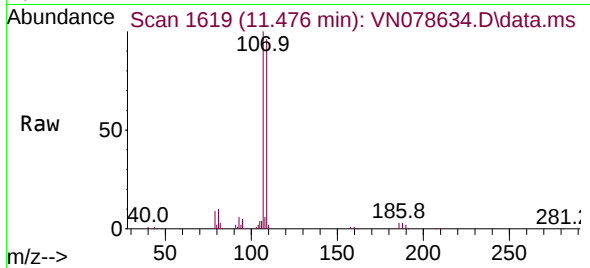
Tgt Ion:129 Resp: 129831
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.976 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

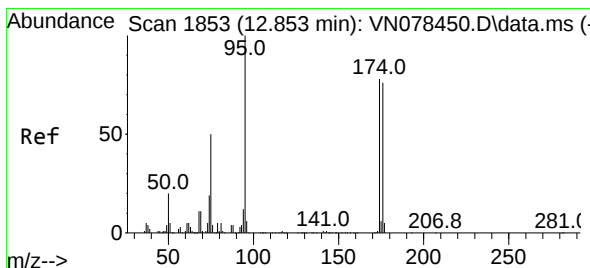
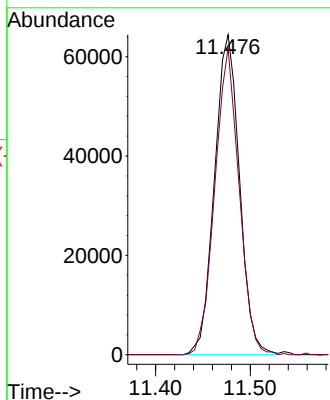
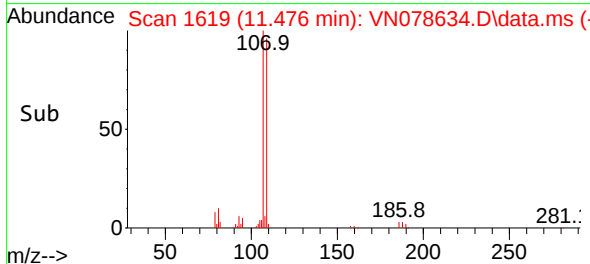
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



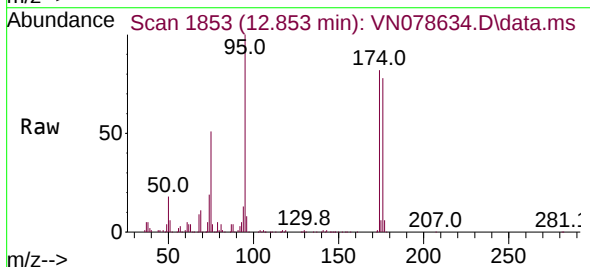
Tgt Ion:107 Resp: 118162
Ion Ratio Lower Upper
107 100
109 93.0 76.6 114.8

Manual Integrations
APPROVED

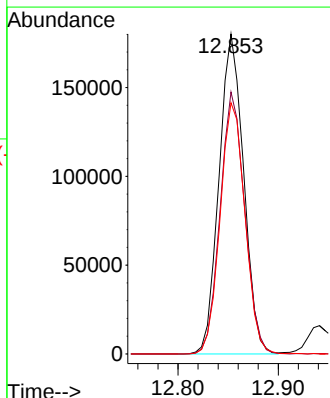
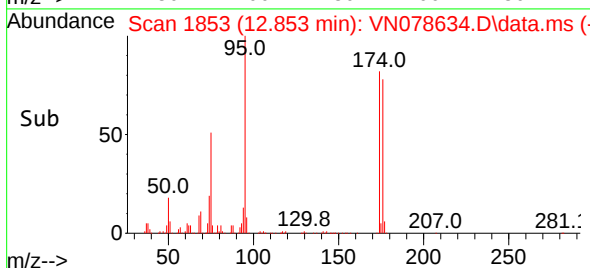
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

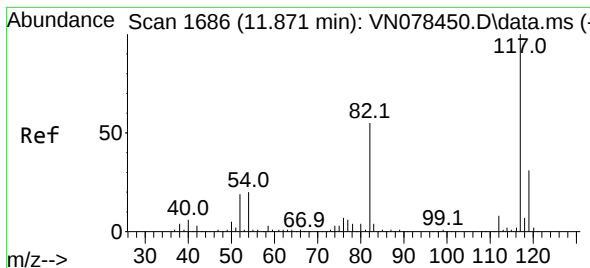


#62
4-Bromofluorobenzene
Concen: 47.987 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19



Tgt Ion: 95 Resp: 306954
Ion Ratio Lower Upper
95 100
174 81.6 0.0 143.8
176 79.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

Tgt Ion:117 Resp: 70779

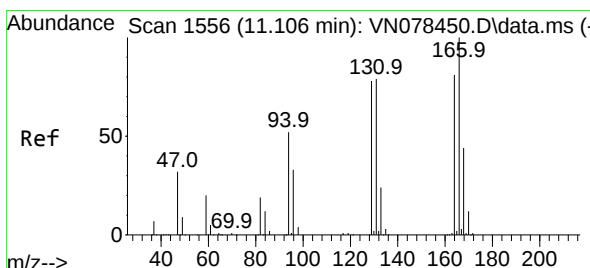
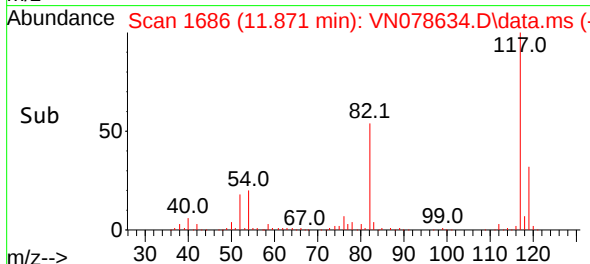
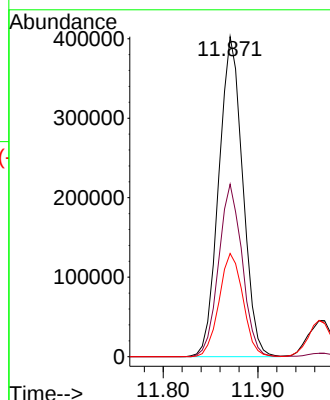
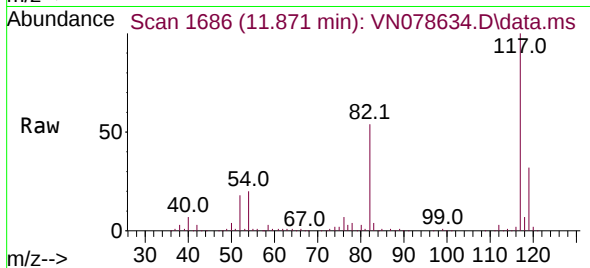
Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.0	66.0
119	32.3	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#64

Tetrachloroethene

Concen: 18.406 ug/l

RT: 11.112 min Scan# 1557

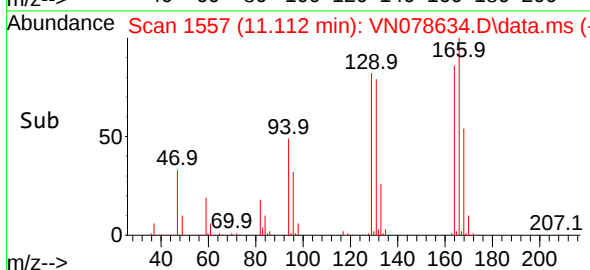
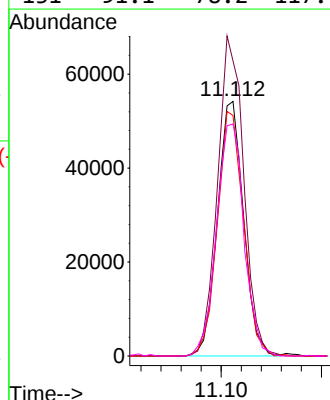
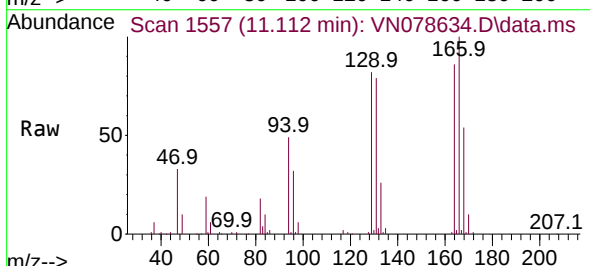
Delta R.T. 0.006 min

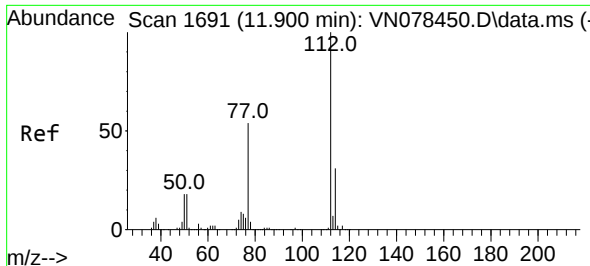
Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Tgt Ion:164 Resp: 97945

Ion	Ratio	Lower	Upper
164	100		
166	115.8	101.4	152.0
129	94.4	82.4	123.6
131	91.1	78.2	117.4





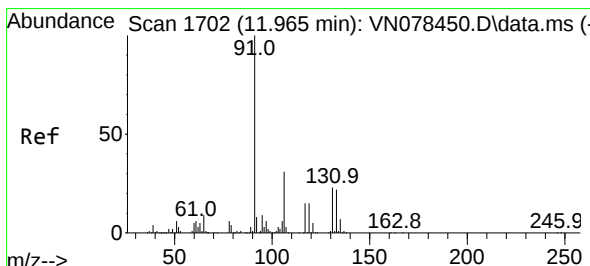
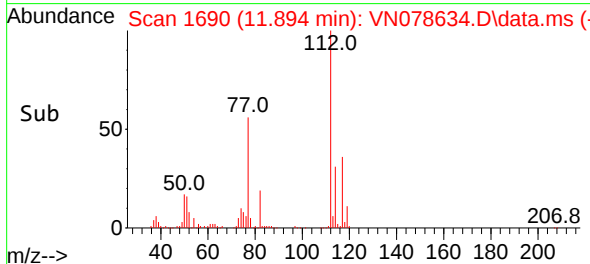
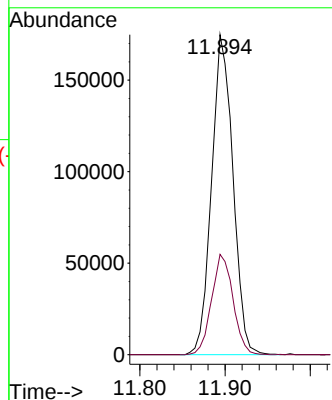
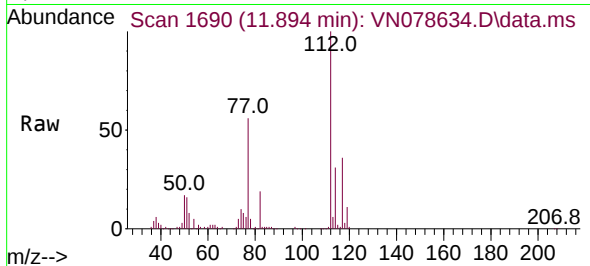
#65
Chlorobenzene
Concen: 19.247 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

Tgt Ion:112 Resp: 30450
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

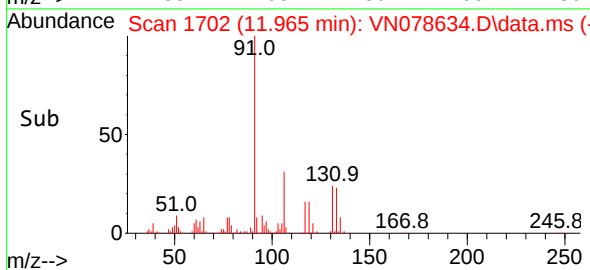
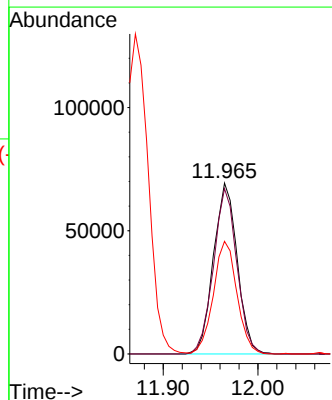
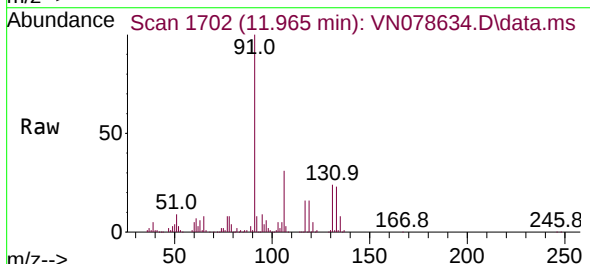
Manual Integrations
APPROVED

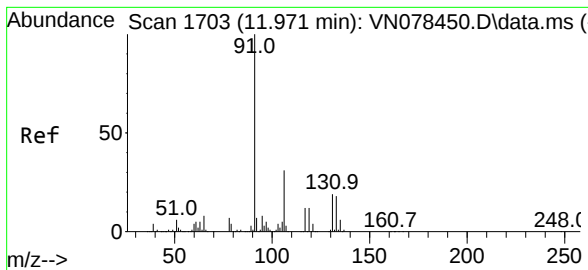
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.827 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

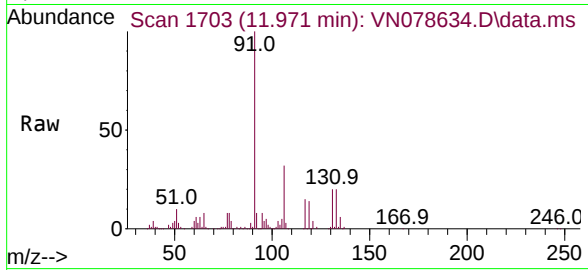
Tgt Ion:131 Resp: 120670
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 65.6 34.1 102.2





#67
Ethyl Benzene
Concen: 19.030 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

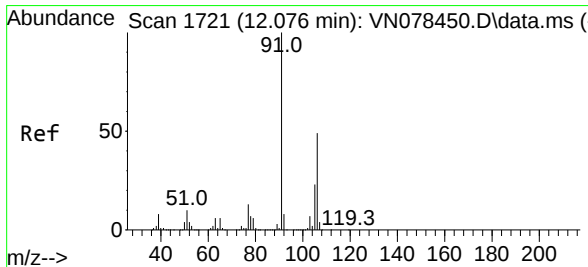
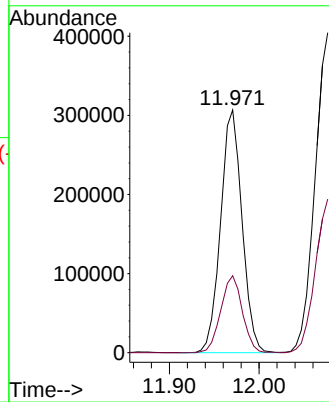
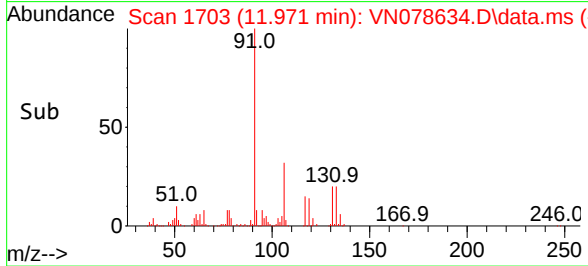
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



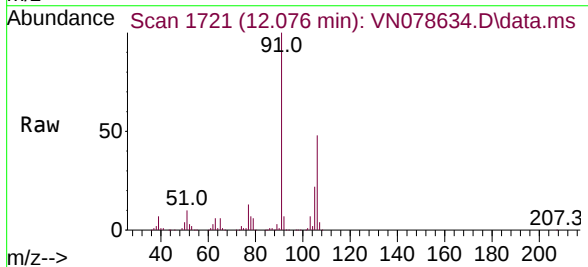
Tgt Ion: 91 Resp: 508914
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

Manual Integrations
APPROVED

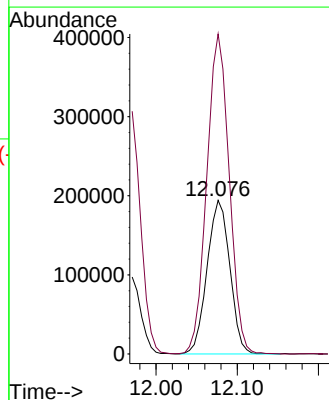
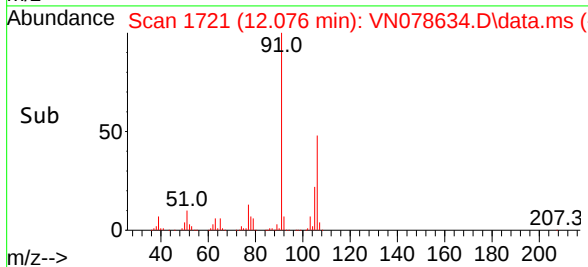
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

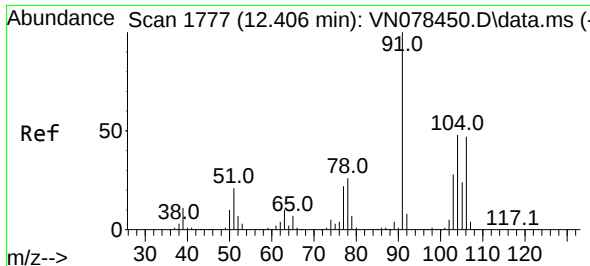


#68
m/p-Xylenes
Concen: 38.255 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19



Tgt Ion:106 Resp: 378247
Ion Ratio Lower Upper
106 100
91 205.7 159.6 239.4





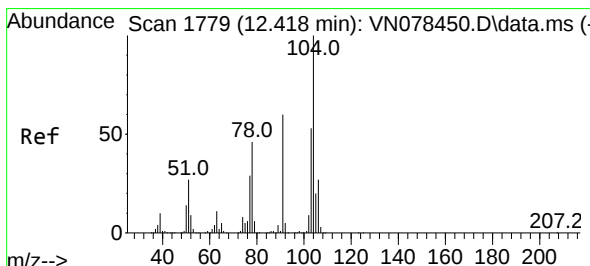
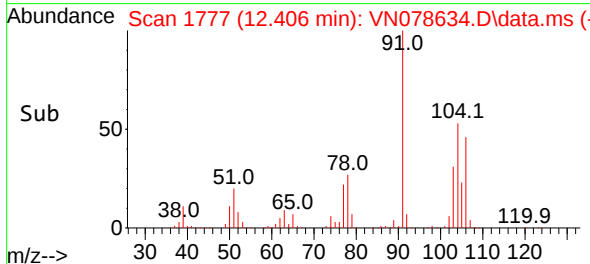
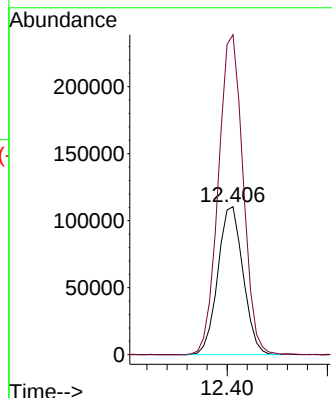
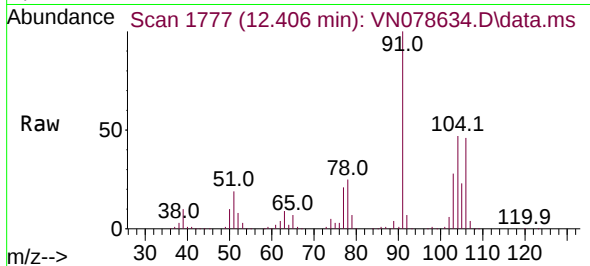
#69
o-Xylene
Concen: 19.356 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

Tgt Ion:106 Resp: 193302
Ion Ratio Lower Upper
106 100
91 211.4 105.2 315.5

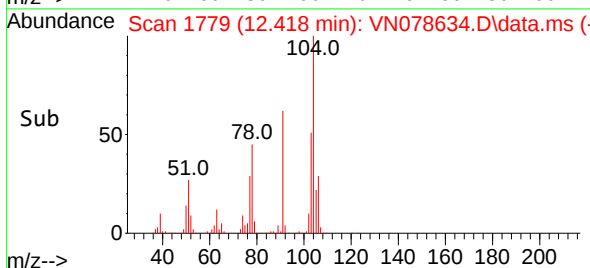
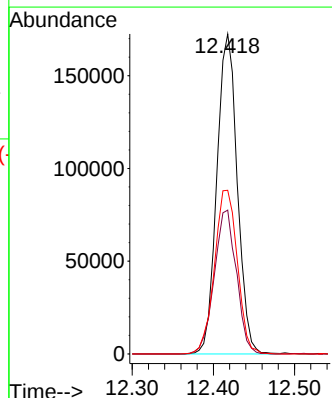
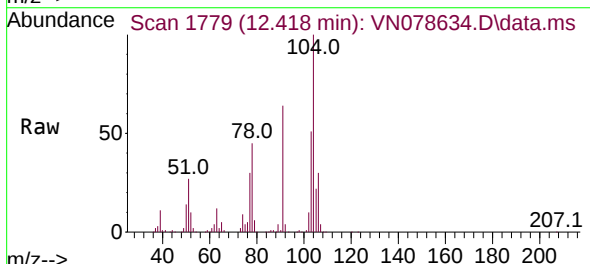
Manual Integrations
APPROVED

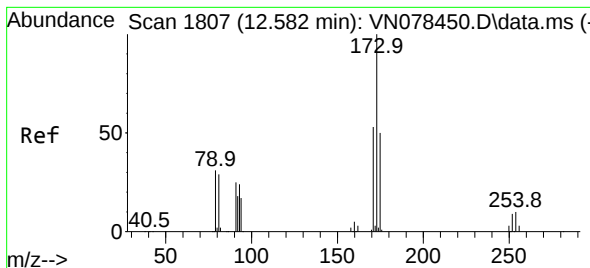
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#70
Styrene
Concen: 19.311 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Tgt Ion:104 Resp: 301718
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 57.4 43.2 64.8





#71

Bromoform

Concen: 20.879 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

Tgt Ion:173 Resp: 8606

Ion Ratio Lower Upper

173 100

175 48.2 24.3 73.0

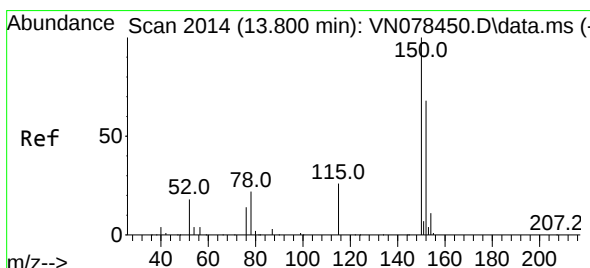
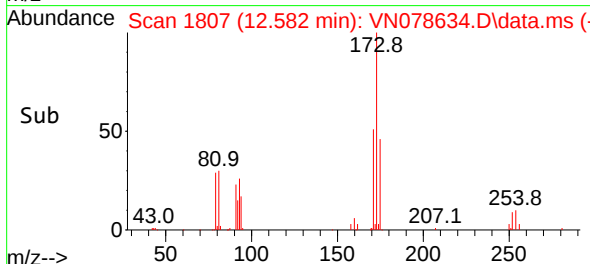
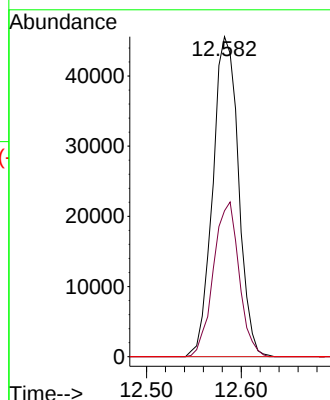
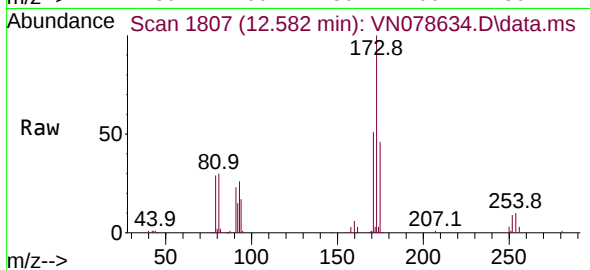
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

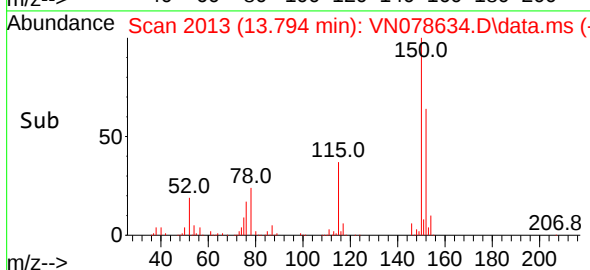
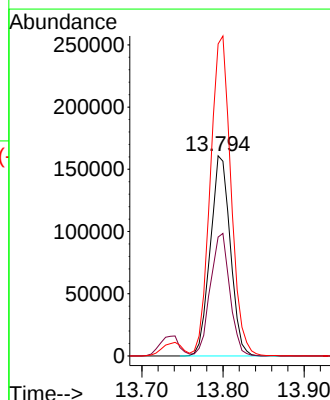
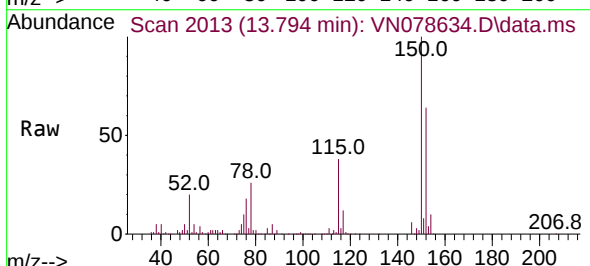
Tgt Ion:152 Resp: 275161

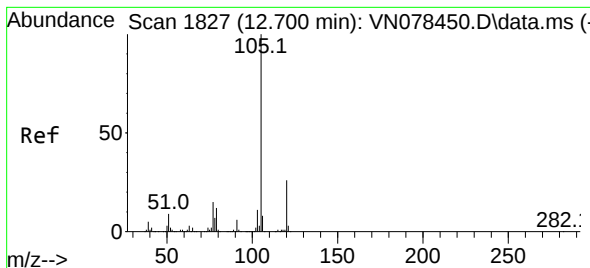
Ion Ratio Lower Upper

152 100

115 59.5 32.3 96.8

150 165.1 0.0 355.8





#73

Isopropylbenzene

Concen: 18.197 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN0724MBS02

Tgt Ion:105 Resp: 470494

Ion Ratio Lower Upper

105 100

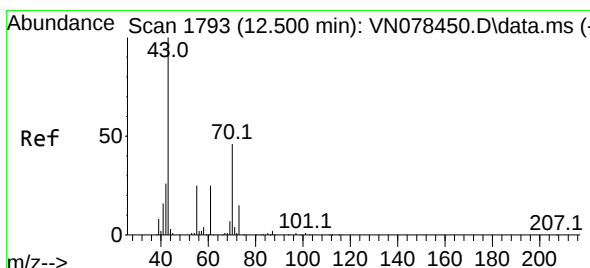
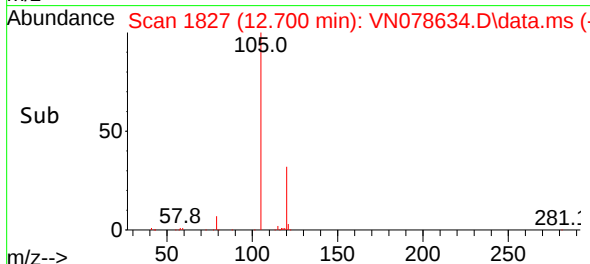
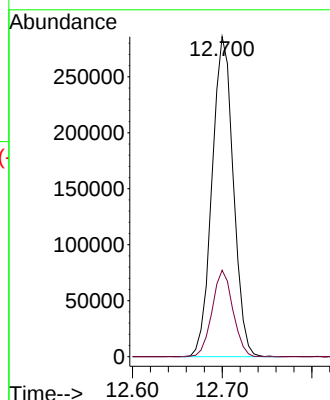
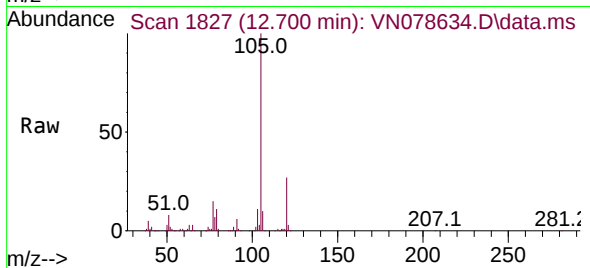
120 26.3 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#74

N-ethyl acetate

Concen: 18.038 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078634.D

Acq: 24 Jul 2023 13:19

Tgt Ion: 43 Resp: 160721

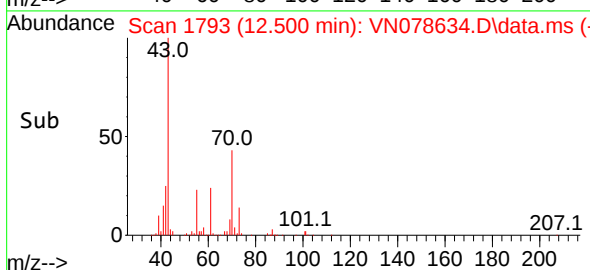
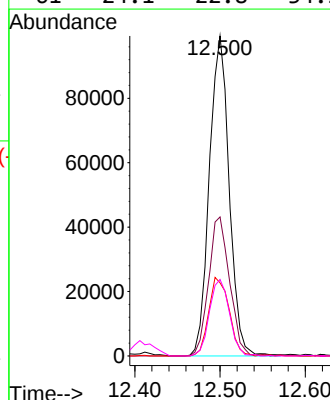
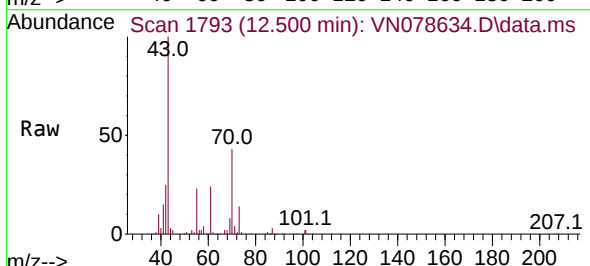
Ion Ratio Lower Upper

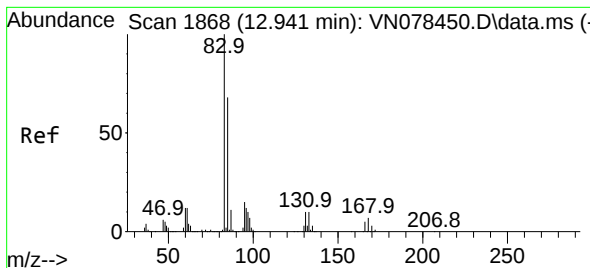
43 100

70 46.0 43.4 65.2

55 25.2 21.4 32.0

61 24.1 22.8 34.2





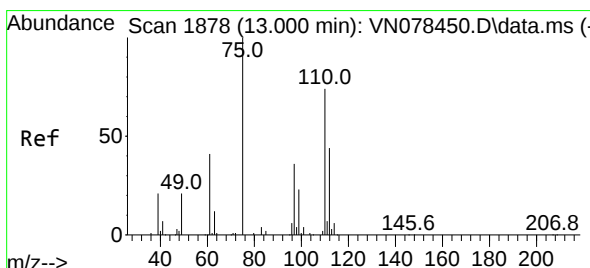
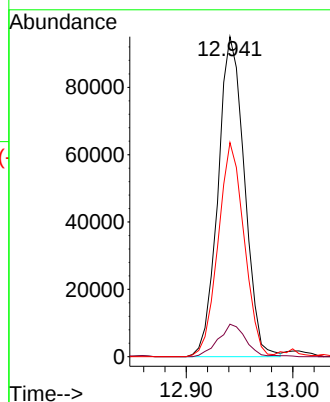
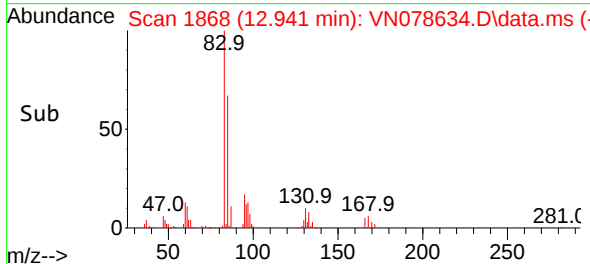
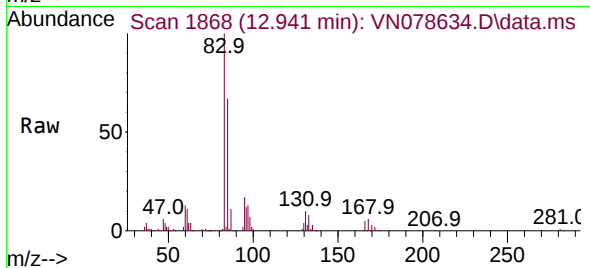
#75
1,1,2,2-Tetrachloroethane
Concen: 20.851 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

Tgt Ion: 83 Resp: 163614
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 65.9 31.9 95.7

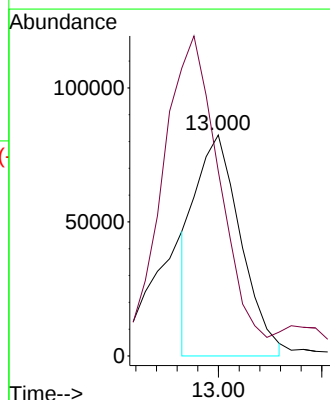
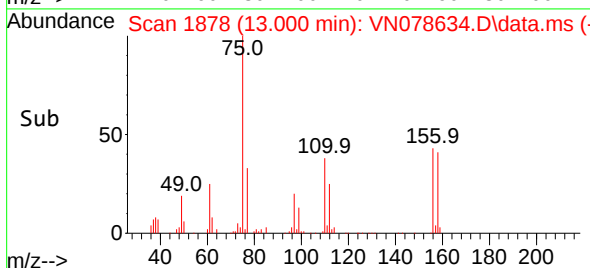
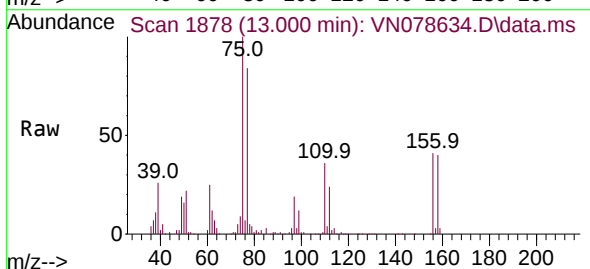
Manual Integrations
APPROVED

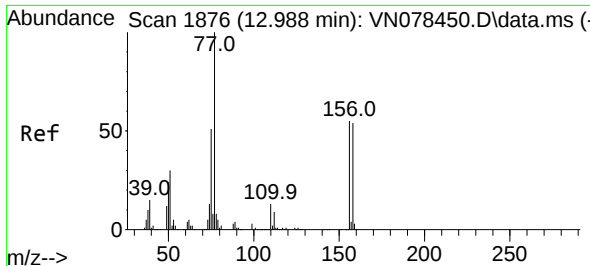
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#76
1,2,3-Trichloropropane
Concen: 18.948 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

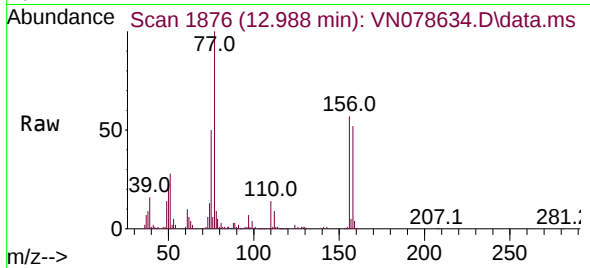
Tgt Ion: 75 Resp: 126026
Ion Ratio Lower Upper
75 100
77 185.9 84.5 253.5





#77
Bromobenzene
Concen: 20.696 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

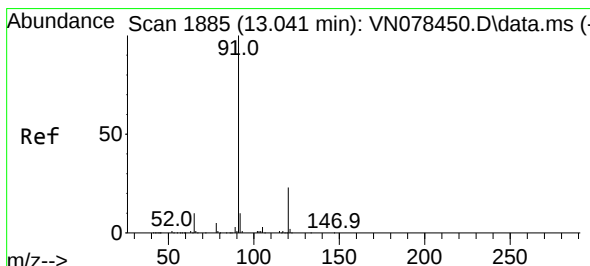
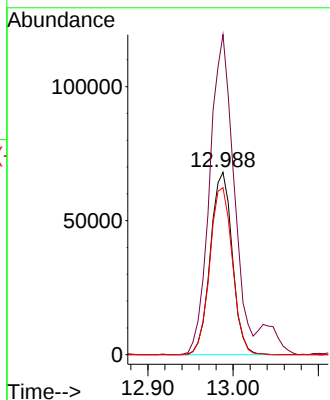
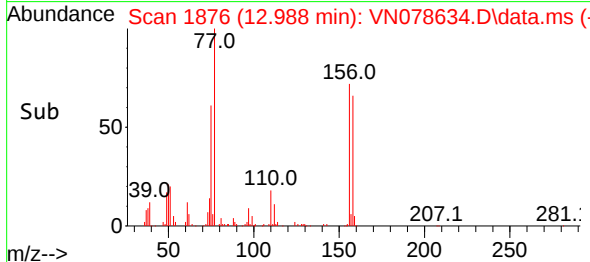
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



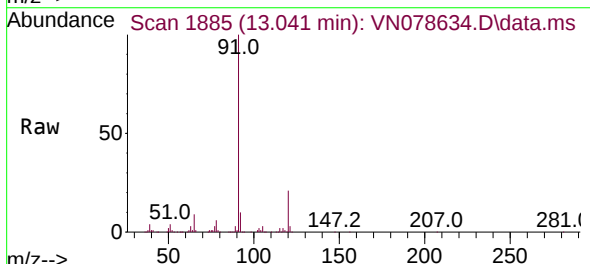
Tgt Ion:156 Resp: 121456
Ion Ratio Lower Upper
156 100
77 192.9 107.7 323.3
158 94.5 48.4 145.3

Manual Integrations
APPROVED

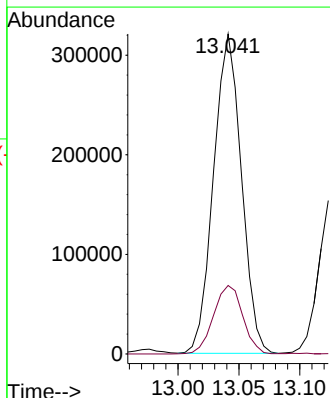
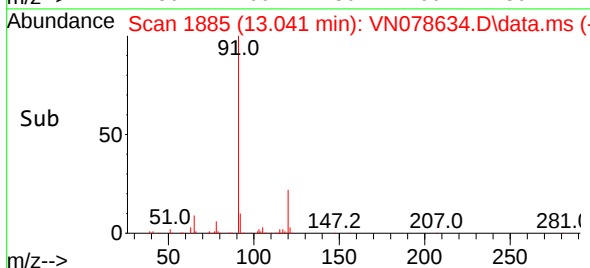
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

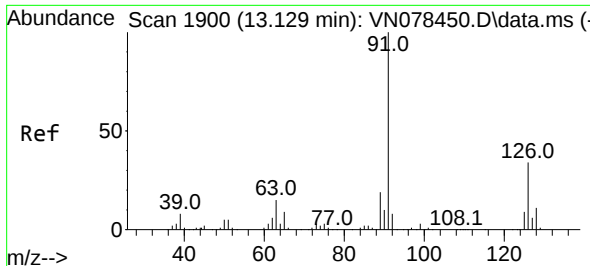


#78
n-propylbenzene
Concen: 18.448 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19



Tgt Ion: 91 Resp: 510107
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





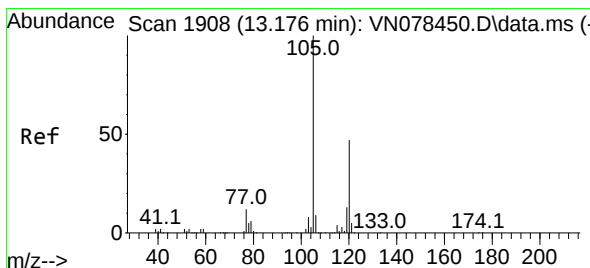
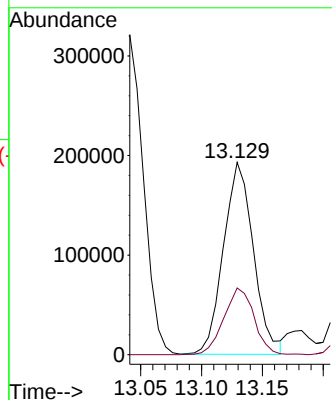
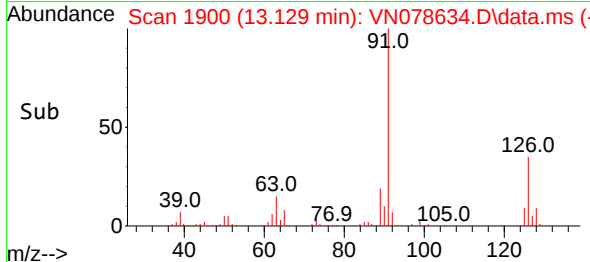
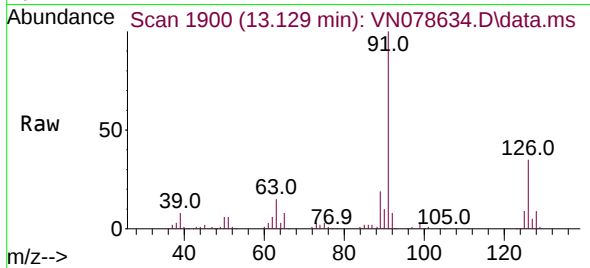
#79
2-Chlorotoluene
Concen: 18.270 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

Tgt Ion: 91 Resp: 33090
Ion Ratio Lower Upper
91 100
126 35.0 16.3 48.8

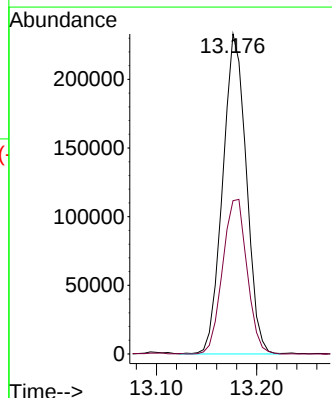
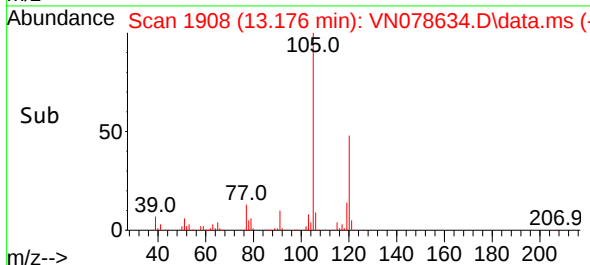
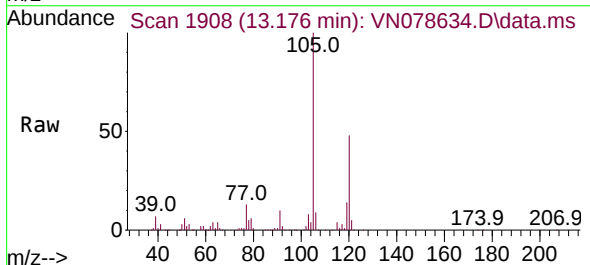
Manual Integrations
APPROVED

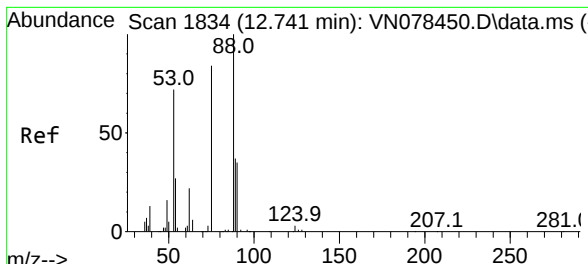
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.592 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

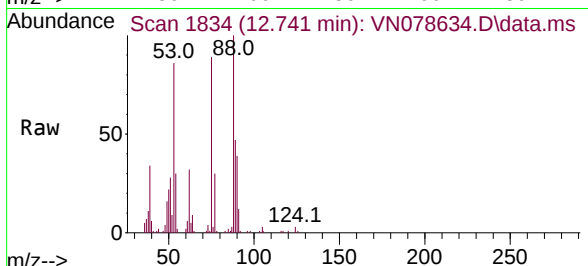
Tgt Ion:105 Resp: 379816
Ion Ratio Lower Upper
105 100
120 50.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.420 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

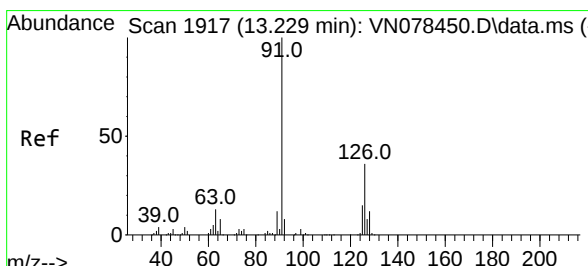
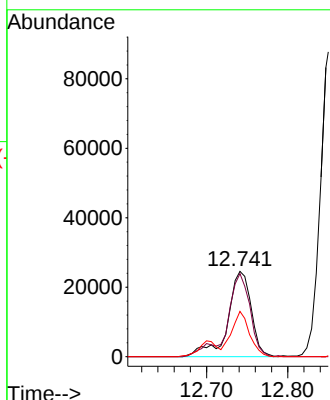
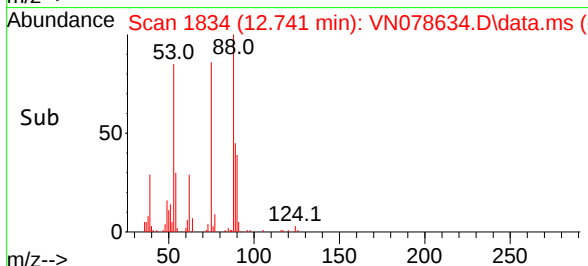
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 75 Resp: 4915
Ion Ratio Lower Upper
75 100
53 94.8 67.4 101.2
89 40.9 38.8 58.2

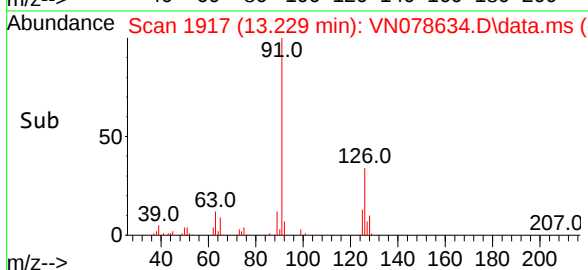
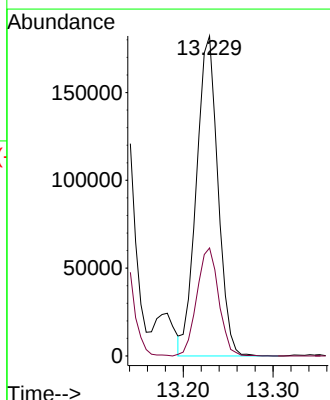
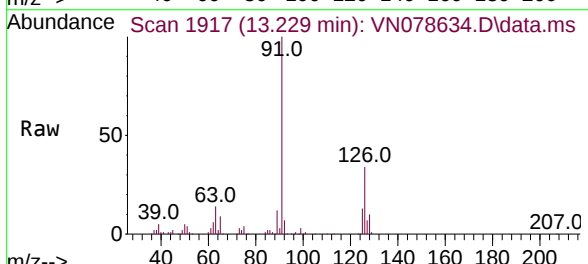
Manual Integrations
APPROVED

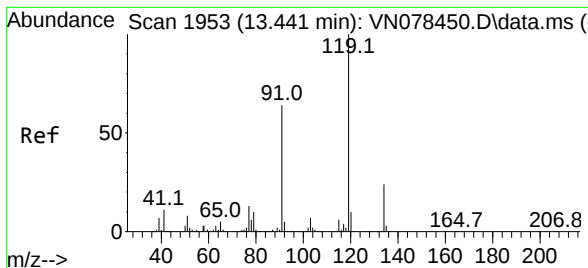
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#82
4-Chlorotoluene
Concen: 17.953 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

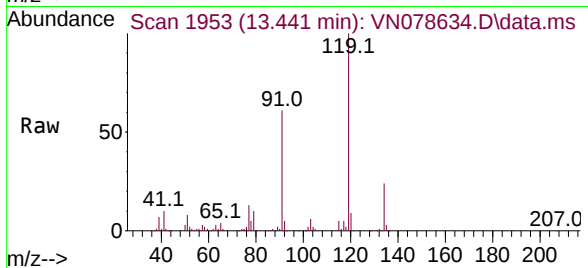
Tgt Ion: 91 Resp: 303327
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.827 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

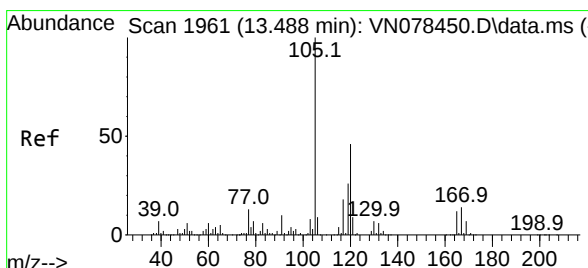
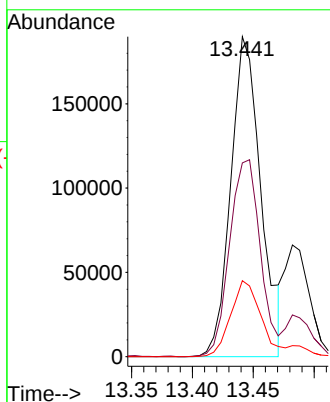
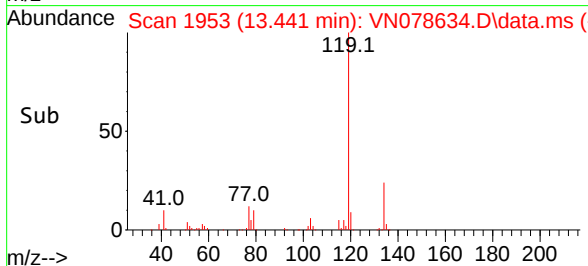
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



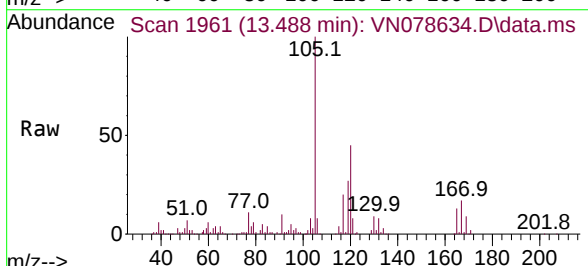
Tgt Ion:119 Resp: 326548
Ion Ratio Lower Upper
119 100
91 63.1 33.9 101.7
134 24.0 13.2 39.6

Manual Integrations
APPROVED

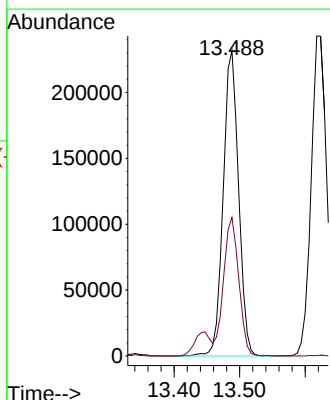
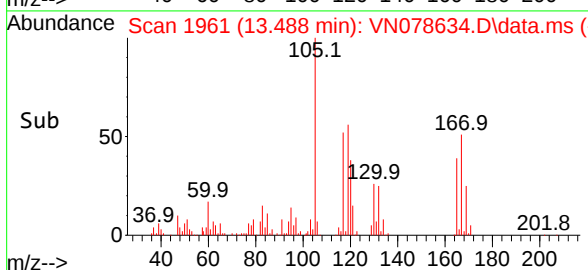
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

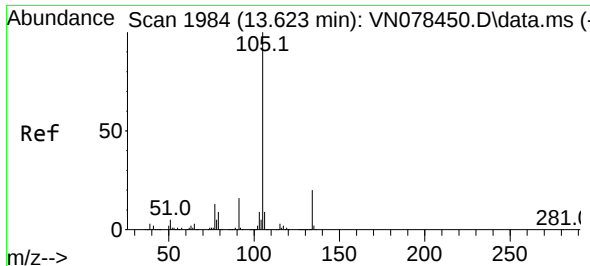


#84
1,2,4-Trimethylbenzene
Concen: 18.966 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19



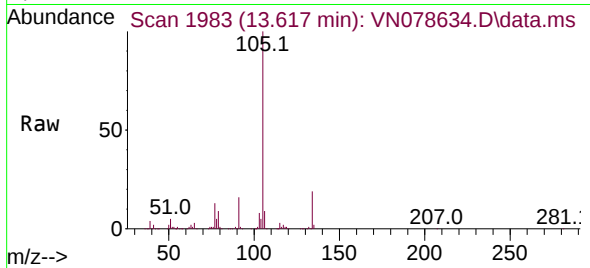
Tgt Ion:105 Resp: 376353
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.273 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078634.D
 Acq: 24 Jul 2023 13:19

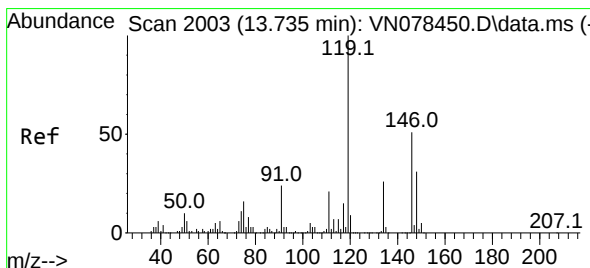
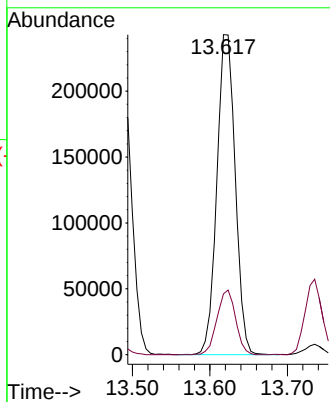
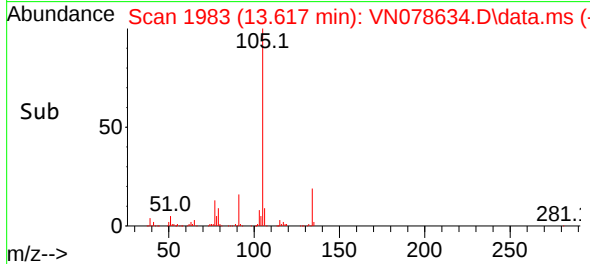
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724MBS02



Tgt Ion:105 Resp: 400590
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

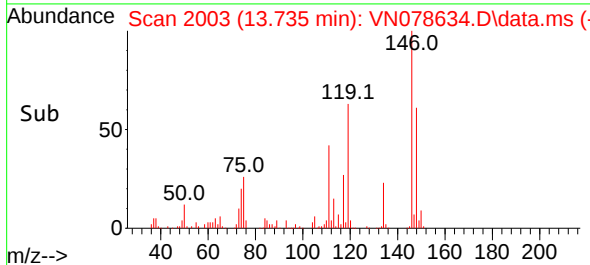
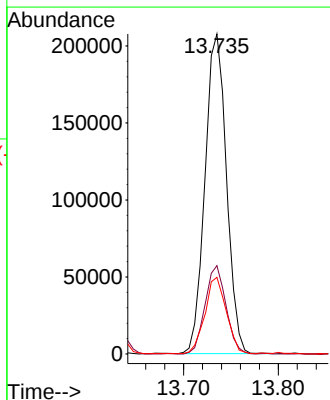
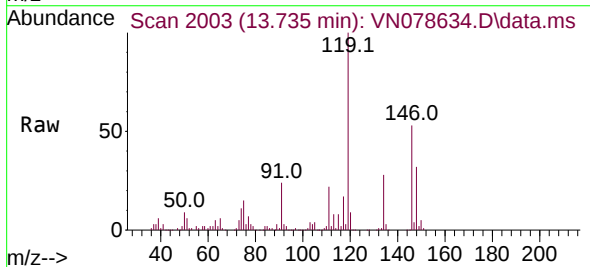
Manual Integrations
 APPROVED

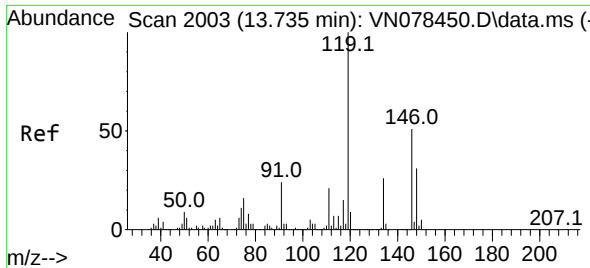
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#86
 p-Isopropyltoluene
 Concen: 18.569 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078634.D
 Acq: 24 Jul 2023 13:19

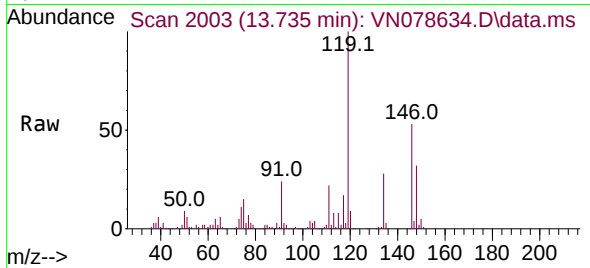
Tgt Ion:119 Resp: 326875
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.6 37.8
 91 23.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.169 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

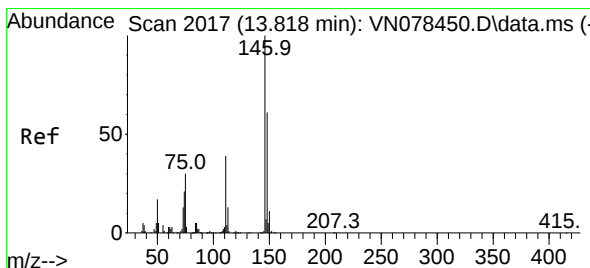
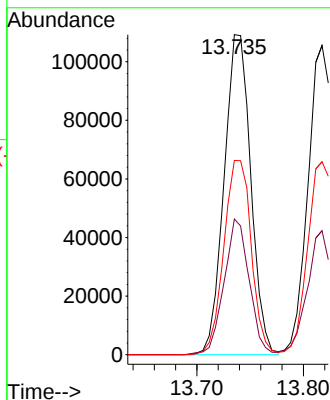
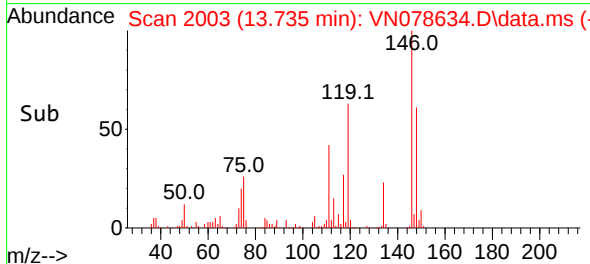
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



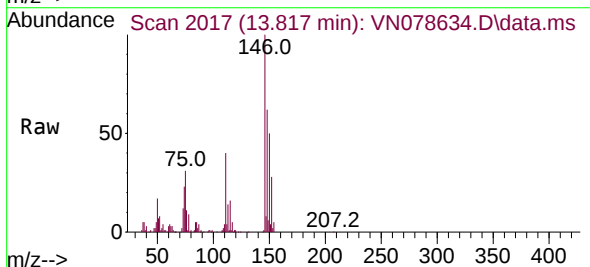
Tgt Ion:146 Resp: 19026
Ion Ratio Lower Upper
146 100
111 39.9 22.1 66.3
148 62.4 32.0 96.0

Manual Integrations
APPROVED

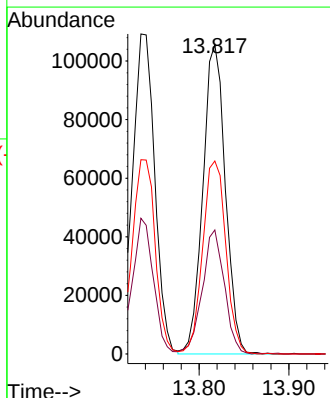
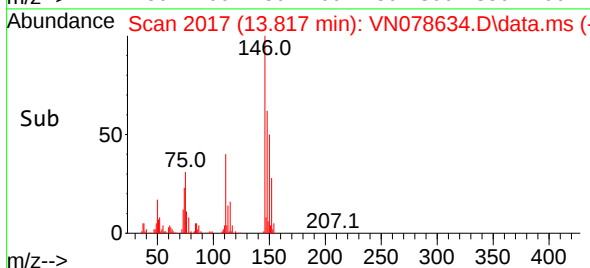
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

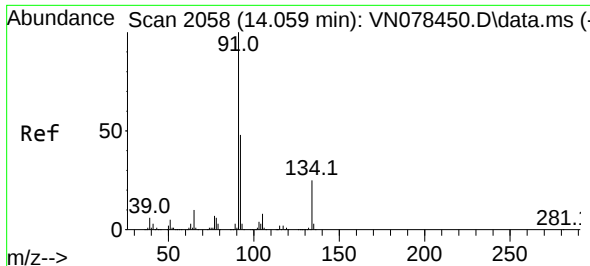


#88
1,4-Dichlorobenzene
Concen: 18.391 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19



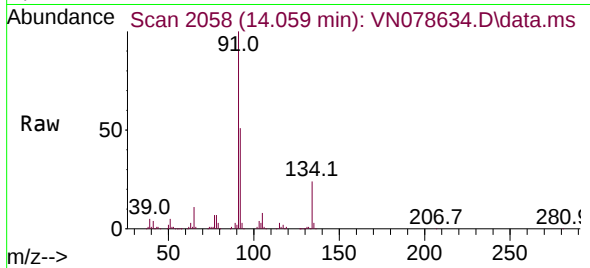
Tgt Ion:146 Resp: 183869
Ion Ratio Lower Upper
146 100
111 39.4 20.6 61.8
148 64.4 31.6 94.8





#89
n-Butylbenzene
Concen: 18.523 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

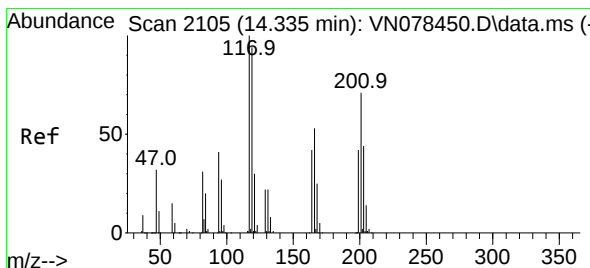
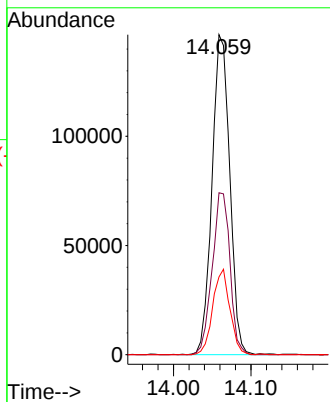
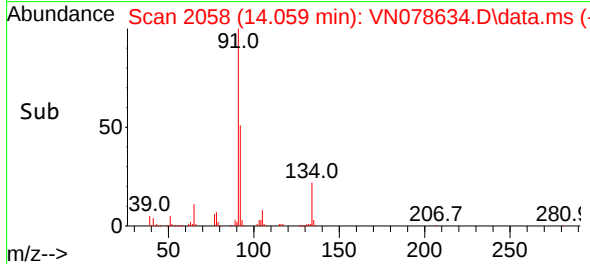
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion: 91 Resp: 23331
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 25.8 12.6 37.6

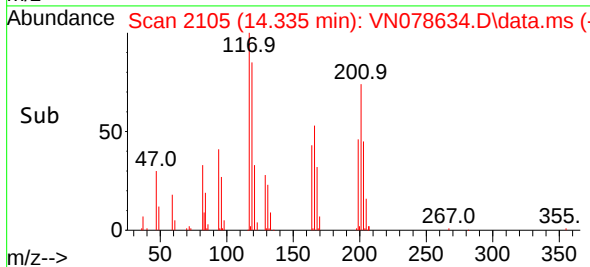
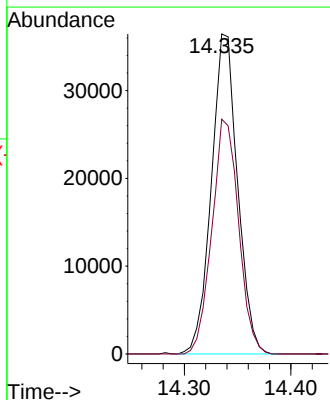
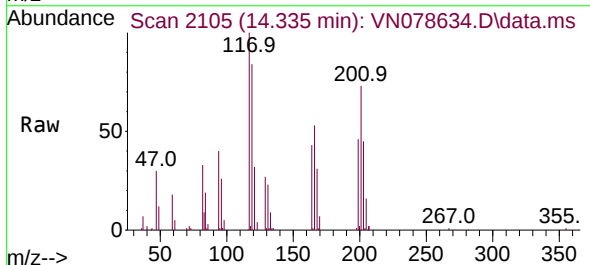
Manual Integrations
APPROVED

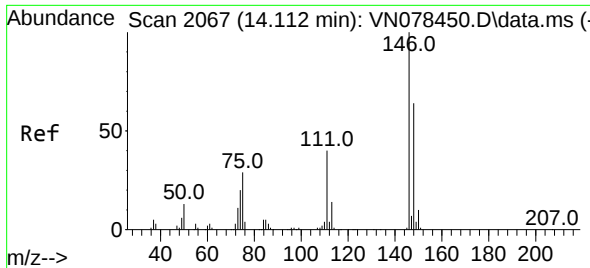
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#90
Hexachloroethane
Concen: 18.759 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Tgt Ion:117 Resp: 62344
Ion Ratio Lower Upper
117 100
201 74.5 29.3 88.0





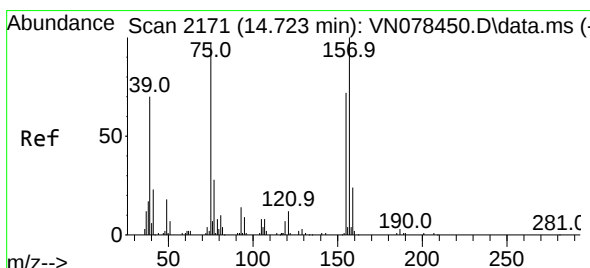
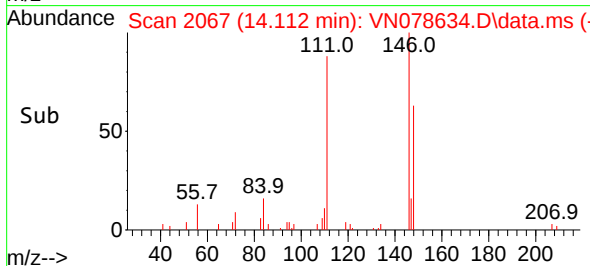
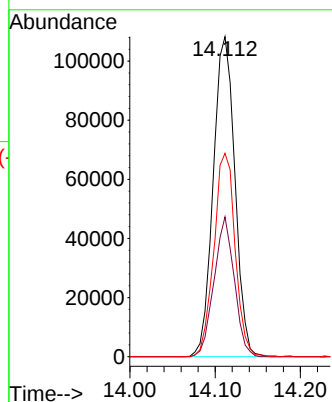
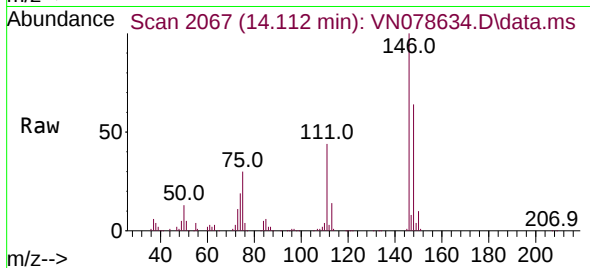
#91
1,2-Dichlorobenzene
Concen: 19.324 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02

Tgt Ion:146 Resp: 19088
Ion Ratio Lower Upper
146 100
111 40.8 22.0 66.0
148 62.4 31.8 95.3

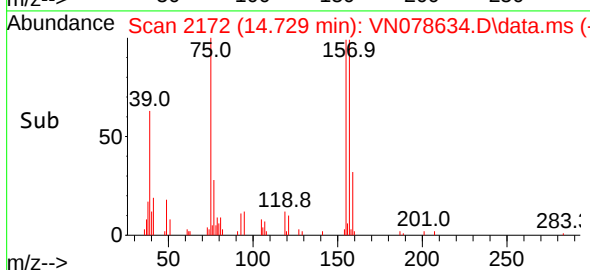
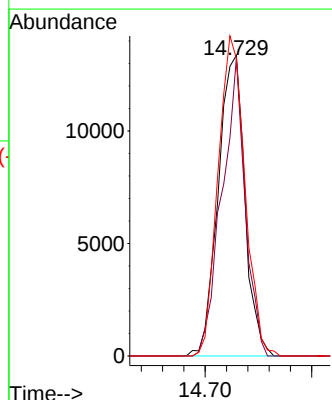
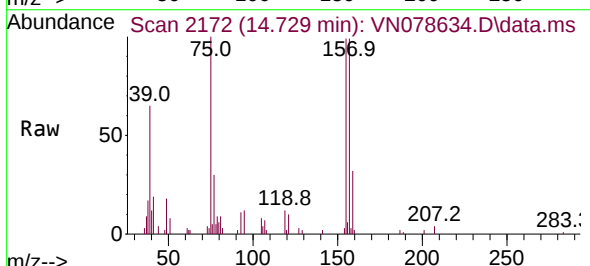
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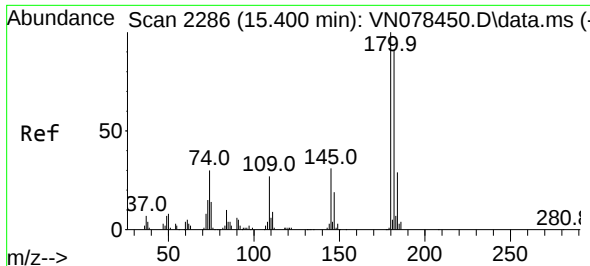
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.456 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

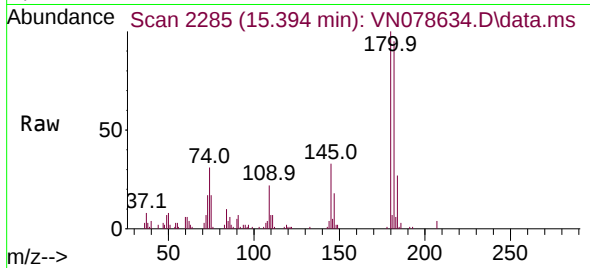
Tgt Ion: 75 Resp: 23154
Ion Ratio Lower Upper
75 100
155 86.8 39.1 117.2
157 107.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.630 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

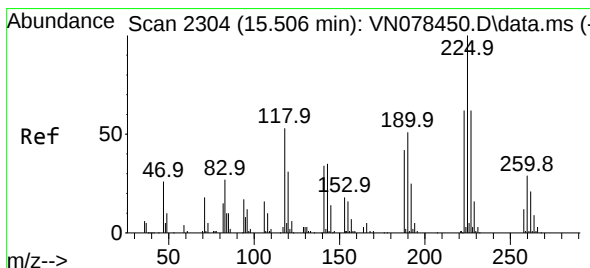
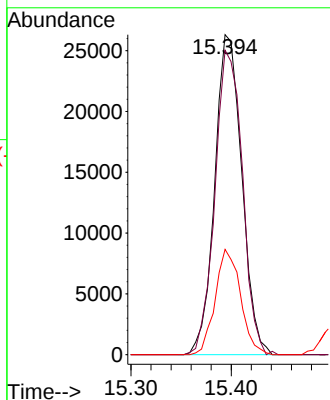
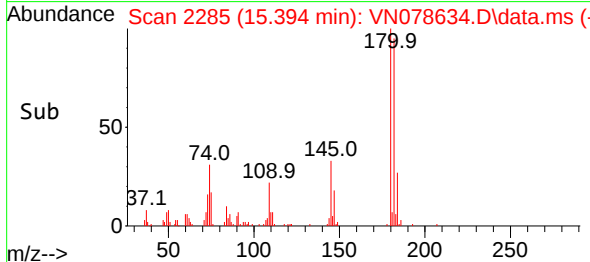
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



Tgt Ion:180 Resp: 49274
Ion Ratio Lower Upper
180 100
182 96.5 46.1 138.2
145 30.8 16.6 49.8

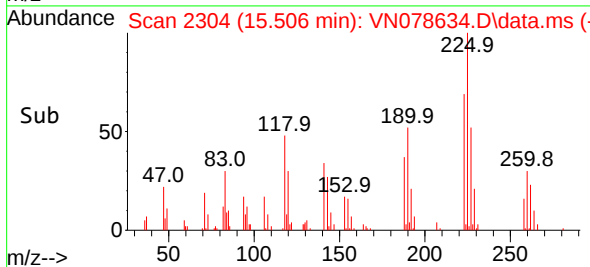
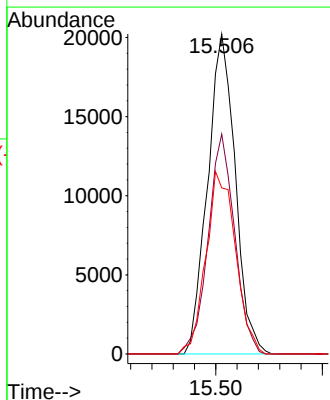
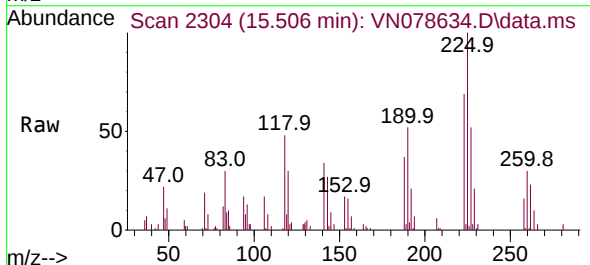
Manual Integrations
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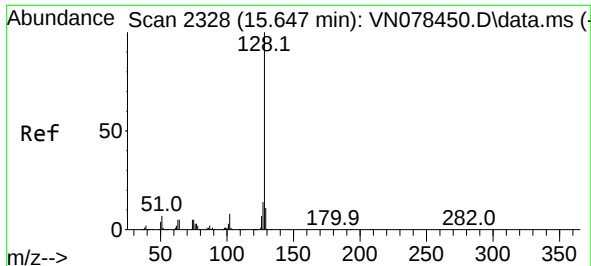
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#94
Hexachlorobutadiene
Concen: 19.801 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

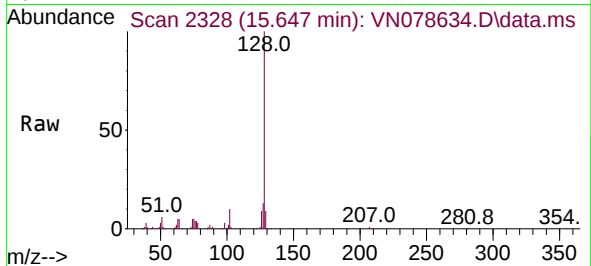
Tgt Ion:225 Resp: 36370
Ion Ratio Lower Upper
225 100
223 65.8 31.3 93.8
227 61.0 31.9 95.9





#95
Naphthalene
Concen: 13.585 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19

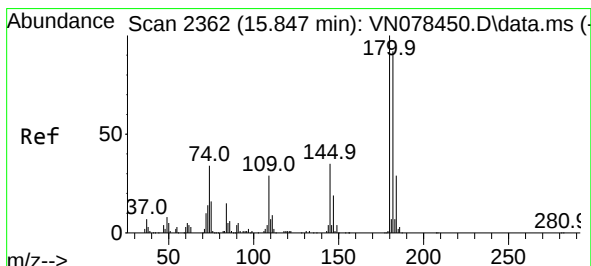
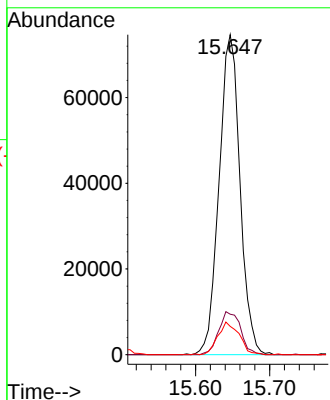
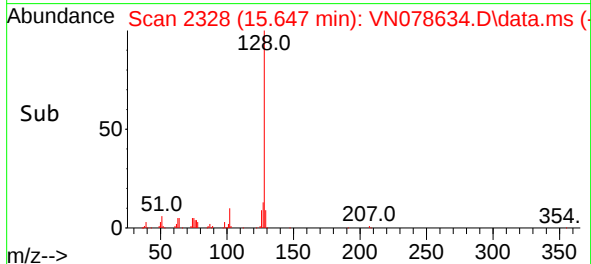
Instrument :
MSVOA_N
ClientSampleId :
VN0724MBS02



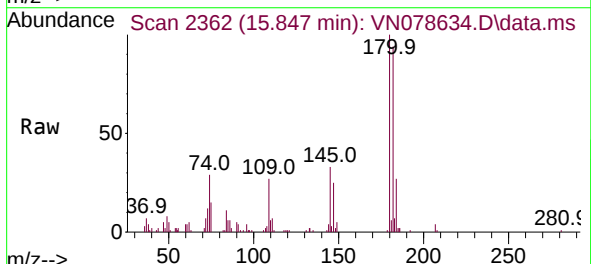
Tgt Ion:128 Resp: 146411
Ion Ratio Lower Upper
128 100
127 14.1 10.0 15.0
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.744 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078634.D
Acq: 24 Jul 2023 13:19



Tgt Ion:180 Resp: 57072
Ion Ratio Lower Upper
180 100
182 92.6 46.2 138.6
145 33.6 17.5 52.6

