

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078536.D
 Acq On : 17 Jul 2023 11:56
 Operator : JC\MD
 Sample : VN0717WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBS01

Quant Time: Jul 18 04:20:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	461717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	817536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	720766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	275068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	336694	54.395	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.780%			
35) Dibromofluoromethane	8.171	113	288794	52.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	10.571	98	1068907	50.985	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.980%			
62) 4-Bromofluorobenzene	12.853	95	322260	49.903	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	96595	17.064	ug/l	96
3) Chloromethane	2.371	50	125093	20.331	ug/l	96
4) Vinyl Chloride	2.518	62	154953	19.468	ug/l	99
5) Bromomethane	2.953	94	106265	17.918	ug/l	98
6) Chloroethane	3.124	64	101362	19.896	ug/l	97
7) Trichlorofluoromethane	3.500	101	181377	19.063	ug/l	98
8) Diethyl Ether	3.977	74	59568	18.791	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	97405	19.339	ug/l	97
10) Methyl Iodide	4.594	142	122619	17.717	ug/l	98
11) Tert butyl alcohol	5.541	59	93145	97.586	ug/l	99
12) 1,1-Dichloroethene	4.347	96	92389	18.964	ug/l	97
13) Acrolein	4.189	56	93031	99.065	ug/l	96
14) Allyl chloride	5.030	41	135842	20.405	ug/l #	92
15) Acrylonitrile	5.736	53	243139	100.820	ug/l	98
16) Acetone	4.442	43	200432	103.952	ug/l	93
17) Carbon Disulfide	4.724	76	235024	16.683	ug/l	99
18) Methyl Acetate	5.041	43	159632	19.558	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	311203	19.387	ug/l	98
20) Methylene Chloride	5.289	84	112594	19.615	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	100250	18.260	ug/l	88
22) Diisopropyl ether	6.688	45	296405	19.884	ug/l	95
23) Vinyl Acetate	6.618	43	930720	98.212	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	193597	19.274	ug/l	98
25) 2-Butanone	7.494	43	307339	101.261	ug/l	88
26) 2,2-Dichloropropane	7.500	77	167782	20.423	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	120044	18.901	ug/l	92
28) Bromochloromethane	7.818	49	99236	20.976	ug/l	87
29) Tetrahydrofuran	7.847	42	191933	96.373	ug/l #	84
30) Chloroform	7.971	83	207922	19.883	ug/l	91
31) Cyclohexane	8.265	56	154088	18.420	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	186776	19.921	ug/l	95
36) 1,1-Dichloropropene	8.377	75	146751	18.314	ug/l	98
37) Ethyl Acetate	7.571	43	114542	17.147	ug/l	97
38) Carbon Tetrachloride	8.377	117	164064	18.838	ug/l	97
39) Methylcyclohexane	9.606	83	130525	17.845	ug/l	94
40) Benzene	8.612	78	454704	19.154	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	67077	19.697	ug/l	92
42) 1,2-Dichloroethane	8.682	62	157271	19.477	ug/l	97
43) Isopropyl Acetate	8.694	43	218923	19.906	ug/l	94
44) Trichloroethene	9.359	130	114128	17.837	ug/l	99
45) 1,2-Dichloropropane	9.629	63	116505	19.377	ug/l	96
46) Dibromomethane	9.718	93	78278	18.497	ug/l	88
47) Bromodichloromethane	9.894	83	165243	19.479	ug/l	95
48) Methyl methacrylate	9.688	41	101639	19.948	ug/l #	83
49) 1,4-Dioxane	9.700	88	41087	369.768	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	646749	98.867	ug/l	93
52) Toluene	10.635	92	281069	19.103	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	166418	19.149	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	182091	19.656	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	114188	19.698	ug/l	92
56) Ethyl methacrylate	10.882	69	154244	19.034	ug/l #	91
57) 1,3-Dichloropropane	11.171	76	186300	18.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	283332	98.110	ug/l	91
59) 2-Hexanone	11.200	43	458388	98.595	ug/l	92
60) Dibromochloromethane	11.365	129	126757	19.806	ug/l	98
61) 1,2-Dibromoethane	11.470	107	115655	19.367	ug/l	98
64) Tetrachloroethene	11.112	164	102196	18.859	ug/l	91
65) Chlorobenzene	11.894	112	294653	18.289	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	123030	19.851	ug/l	98
67) Ethyl Benzene	11.970	91	515790	18.940	ug/l	99
68) m/p-Xylenes	12.076	106	384427	38.180	ug/l	98
69) o-Xylene	12.400	106	185852	18.275	ug/l	96
70) Styrene	12.417	104	293331	18.436	ug/l	98
71) Bromoform	12.582	173	82228	19.590	ug/l #	98
73) Isopropylbenzene	12.700	105	474587	18.362	ug/l	99
74) N-amyl acetate	12.500	43	159193	17.872	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	160562	20.408	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	124018m	18.653	ug/l	
77) Bromobenzene	12.988	156	114265	19.383	ug/l	95
78) n-propylbenzene	13.041	91	516642	18.691	ug/l	100
79) 2-Chlorotoluene	13.129	91	337135	18.621	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	380479	18.631	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	43893	17.348	ug/l #	84
82) 4-Chlorotoluene	13.223	91	307791	18.223	ug/l	98
83) tert-Butylbenzene	13.441	119	321198	18.525	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	370107	18.658	ug/l	99
85) sec-Butylbenzene	13.623	105	404423	18.454	ug/l	99
86) p-Isopropyltoluene	13.735	119	326399	18.548	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	180060	18.147	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	172599	17.270	ug/l	99
89) n-Butylbenzene	14.059	91	236835	18.810	ug/l	97
90) Hexachloroethane	14.335	117	68854	20.812	ug/l	85
91) 1,2-Dichlorobenzene	14.111	146	181617	18.392	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24868	18.903	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	45617	14.475	ug/l	94
94) Hexachlorobutadiene	15.506	225	33513	17.899	ug/l	99
95) Naphthalene	15.647	128	132133	12.264	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	56501	15.592	ug/l	99

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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

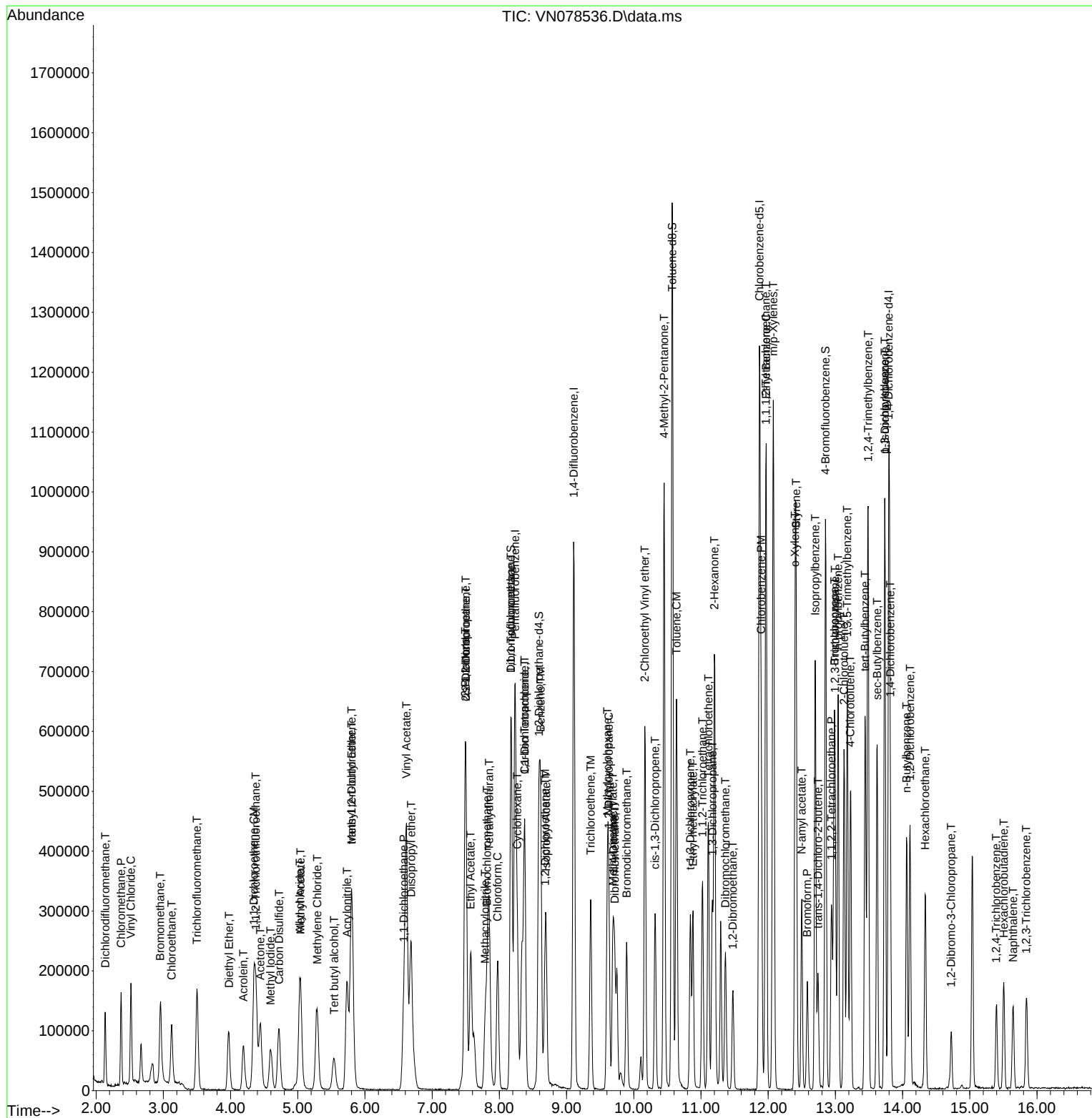
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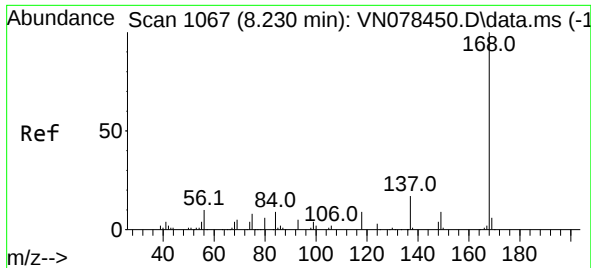
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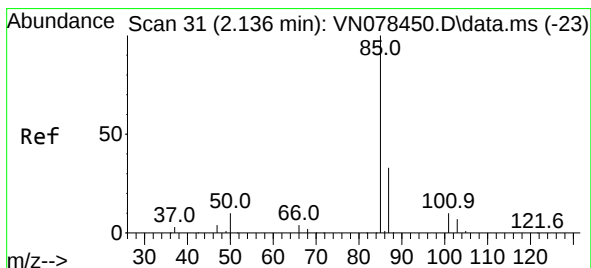
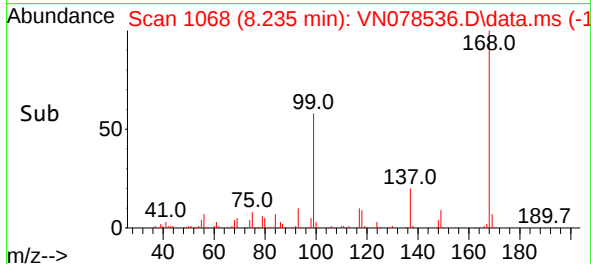
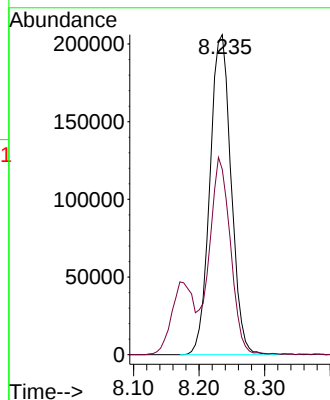
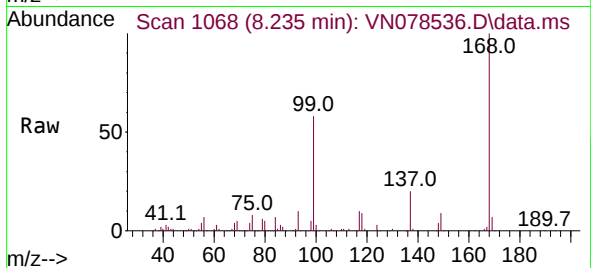
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078536.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion:168 Resp: 46171
Ion Ratio Lower Upper
168 100
99 57.7 53.0 79.6

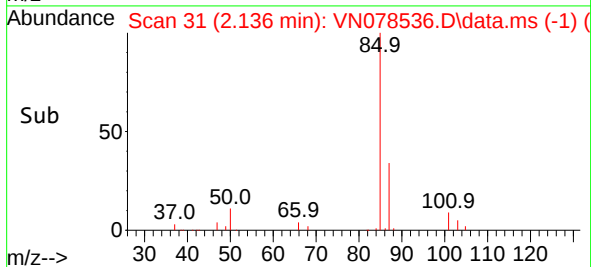
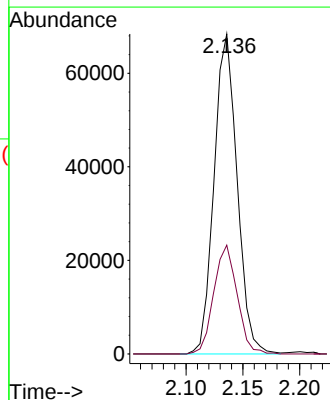
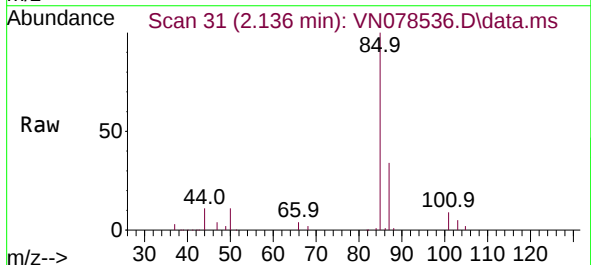
Manual Integrations
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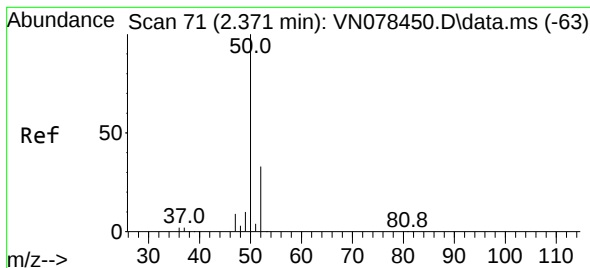
Reviewed By :John Carlone 07/18/2023
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#2
Dichlorodifluoromethane
Concen: 17.064 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion: 85 Resp: 96595
Ion Ratio Lower Upper
85 100
87 34.0 15.8 47.4





#3

Chloromethane

Concen: 20.331 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078536.D

Acq: 17 Jul 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBS01

Tgt Ion: 50 Resp: 125093

Ion Ratio Lower Upper

50 100

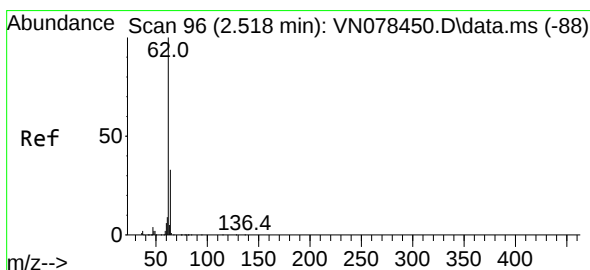
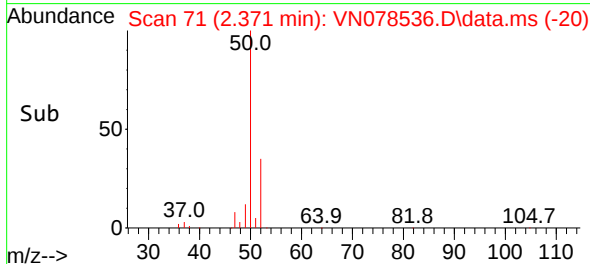
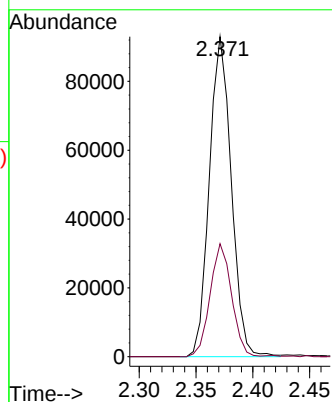
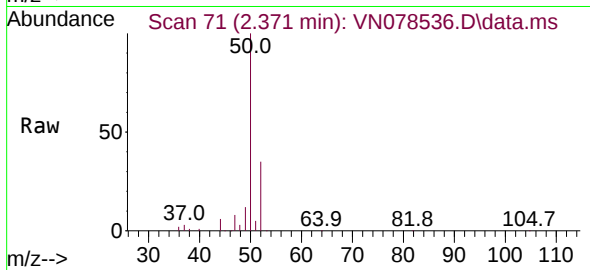
52 35.3 26.5 39.7

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 19.468 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078536.D

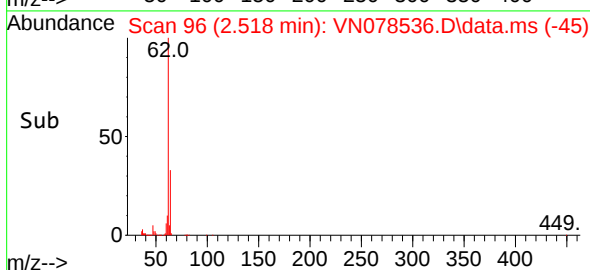
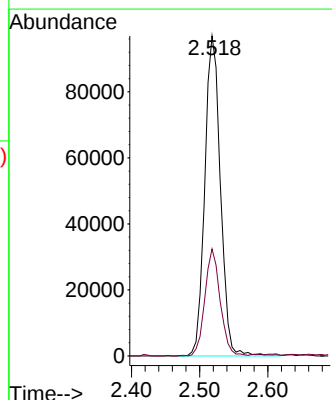
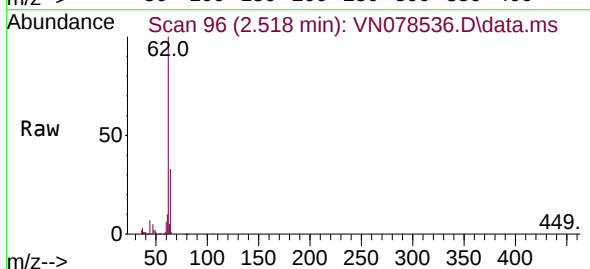
Acq: 17 Jul 2023 11:56

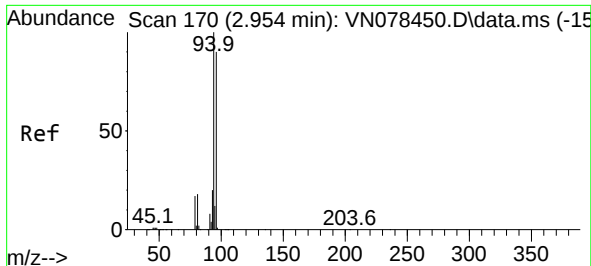
Tgt Ion: 62 Resp: 154953

Ion Ratio Lower Upper

62 100

64 33.3 26.2 39.2





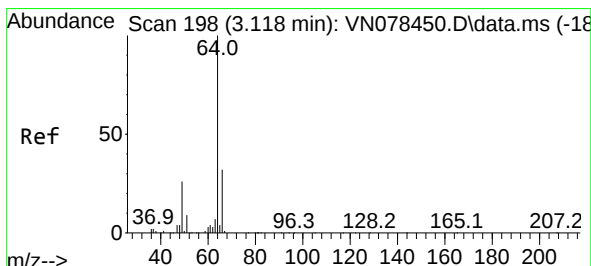
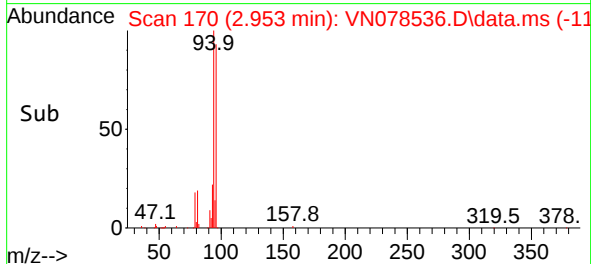
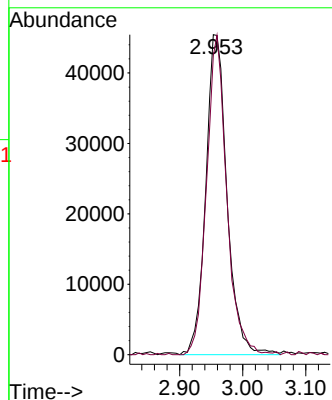
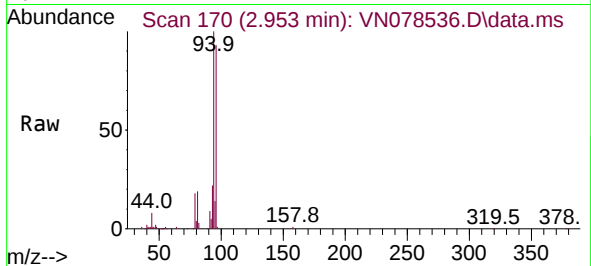
#5
Bromomethane
Concen: 17.918 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078536.D
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Tgt Ion: 94 Resp: 10626
Ion Ratio Lower Upper
94 100
96 93.4 73.1 109.7

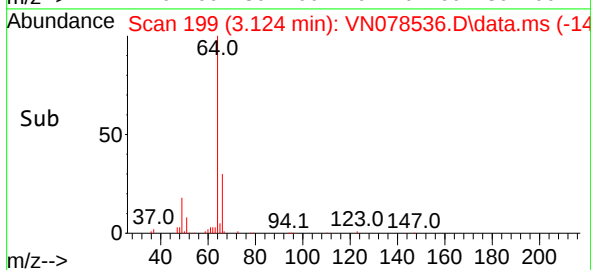
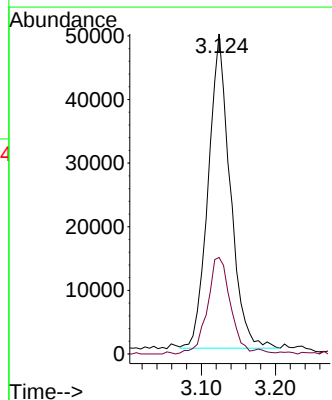
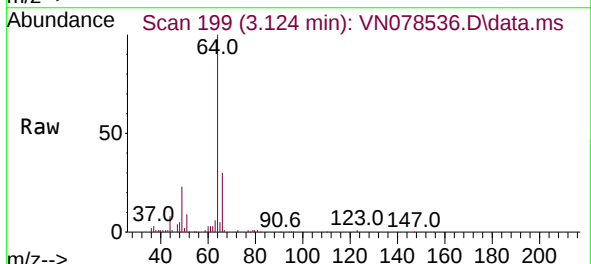
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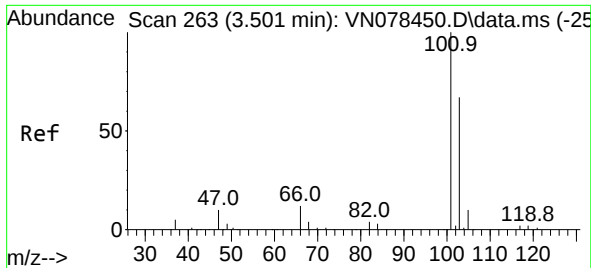
Reviewed By :John Carlone 07/18/2023
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#6
Chloroethane
Concen: 19.896 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078536.D
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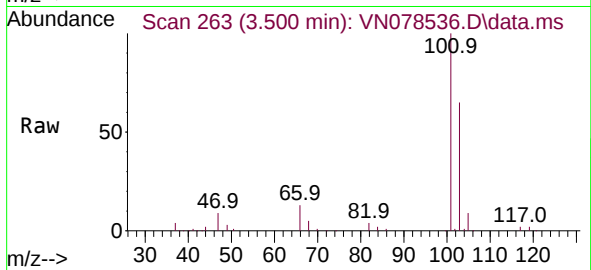
Tgt Ion: 64 Resp: 101362
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.063 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.001 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

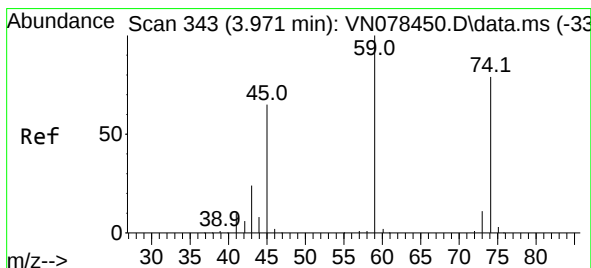
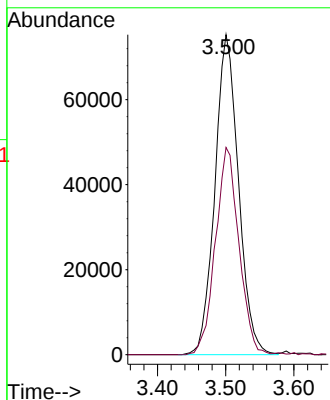
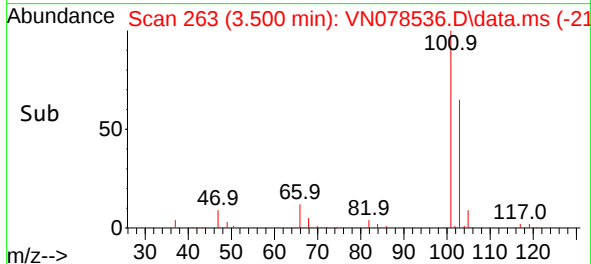
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Tgt Ion:101 Resp: 18137
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1

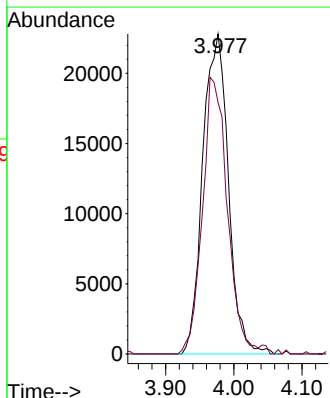
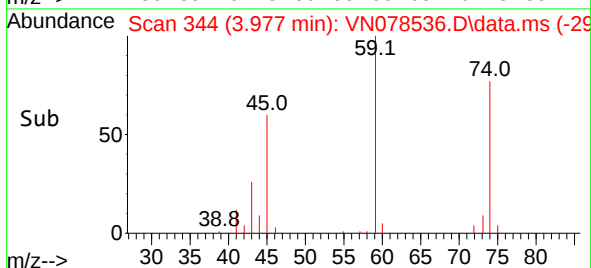
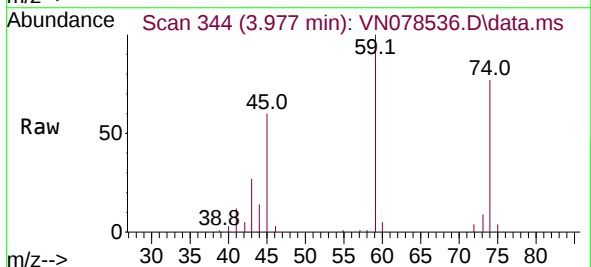
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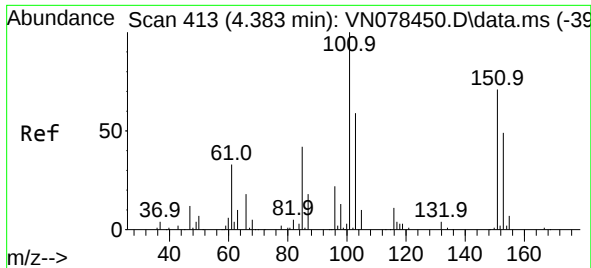
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#8
Diethyl Ether
Concen: 18.791 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion: 74 Resp: 59568
Ion Ratio Lower Upper
74 100
45 84.4 34.4 103.3





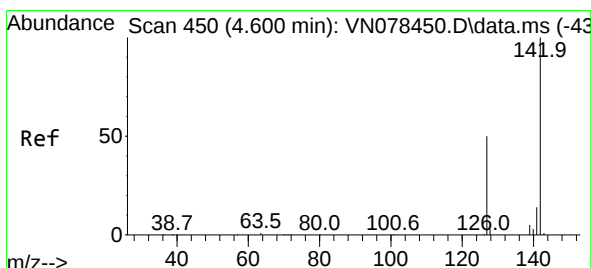
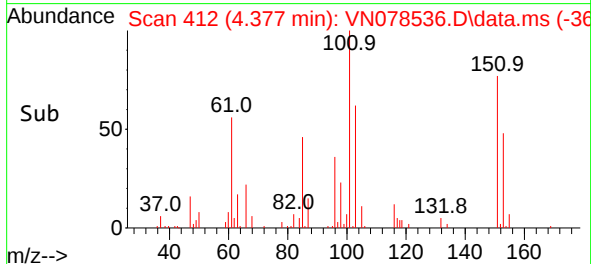
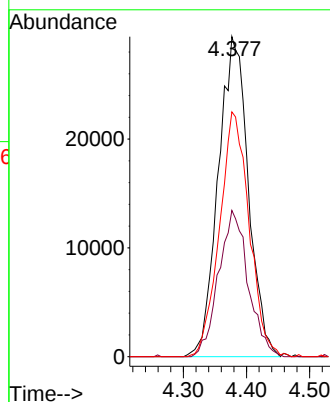
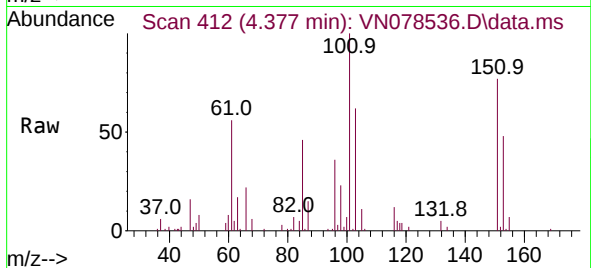
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.339 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion:101 Resp: 9740
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 75.4 57.6 86.4

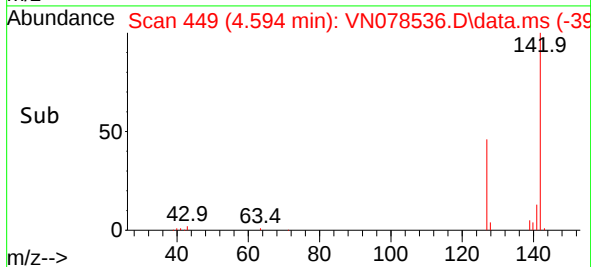
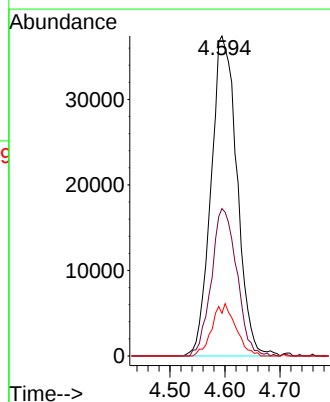
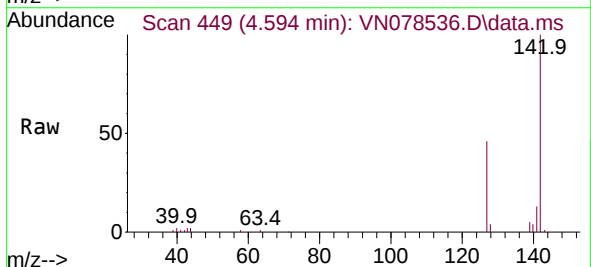
Manual Integrations
APPROVED

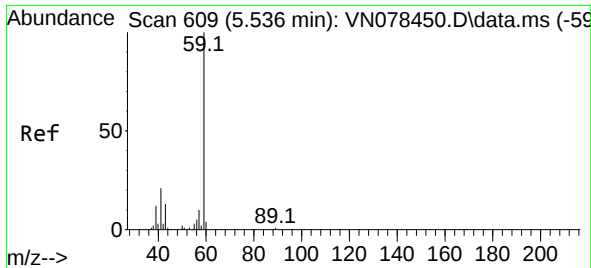
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 17.717 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion:142 Resp: 122619
Ion Ratio Lower Upper
142 100
127 46.1 37.6 56.4
141 13.4 11.4 17.0





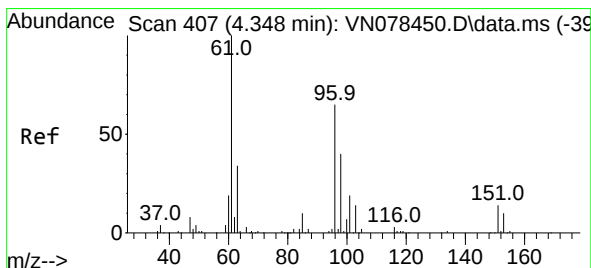
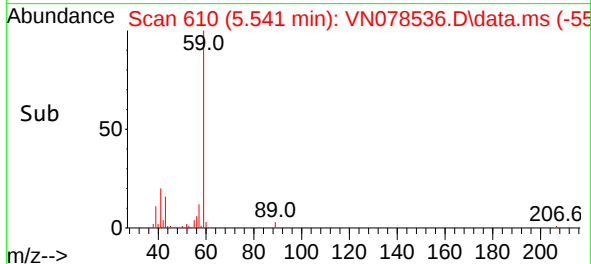
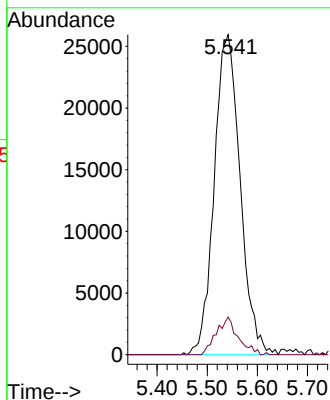
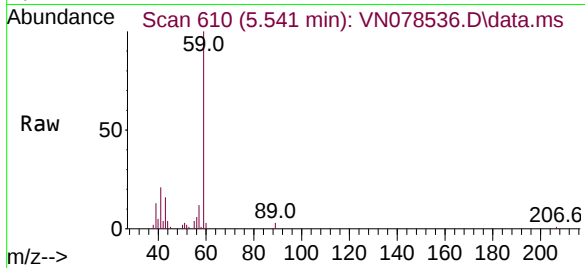
#11
Tert butyl alcohol
Concen: 97.586 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.005 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion: 59 Resp: 9314
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

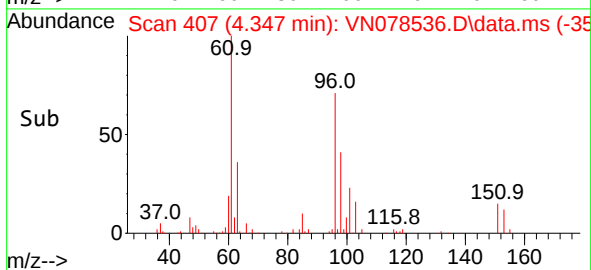
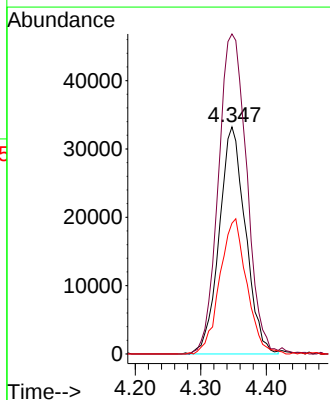
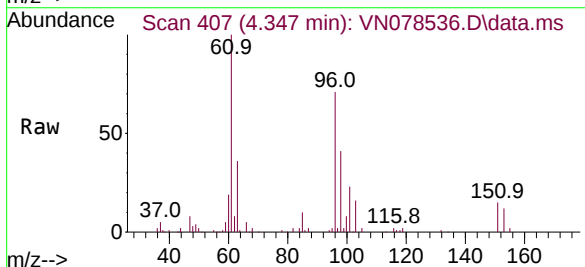
Manual Integrations
APPROVED

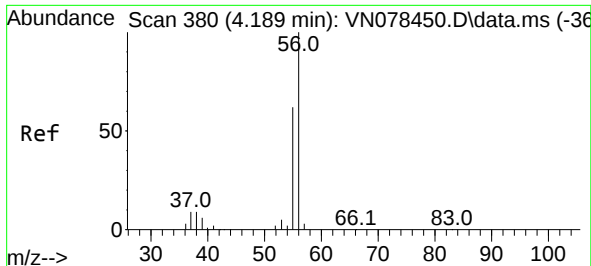
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#12
1,1-Dichloroethene
Concen: 18.964 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion: 96 Resp: 92389
Ion Ratio Lower Upper
96 100
61 140.9 112.7 169.1
98 57.5 51.2 76.8





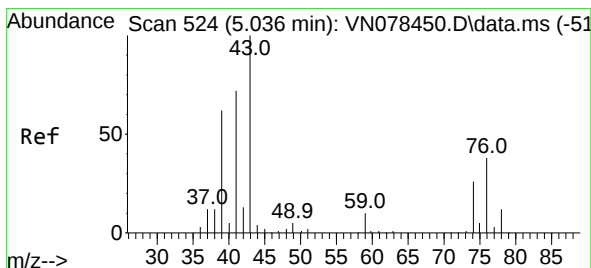
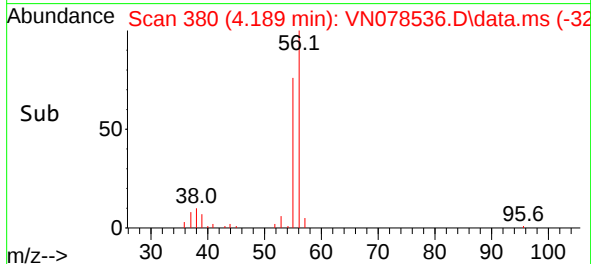
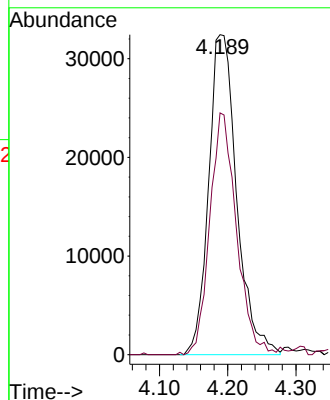
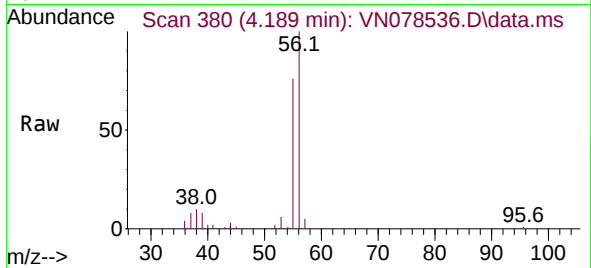
#13
Acrolein
Concen: 99.065 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion: 56 Resp: 9303
Ion Ratio Lower Upper
56 100
55 71.6 54.5 81.7

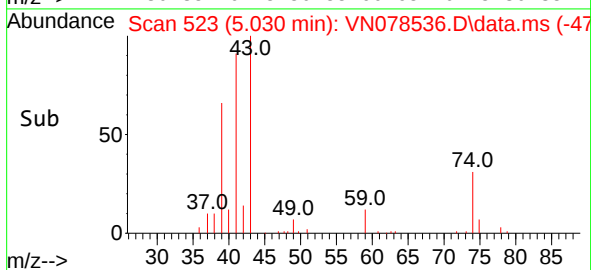
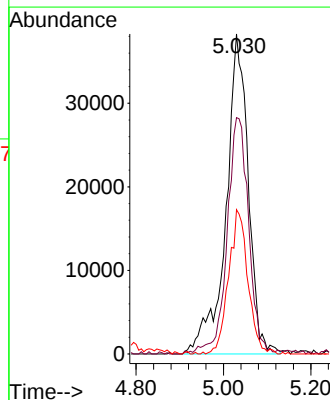
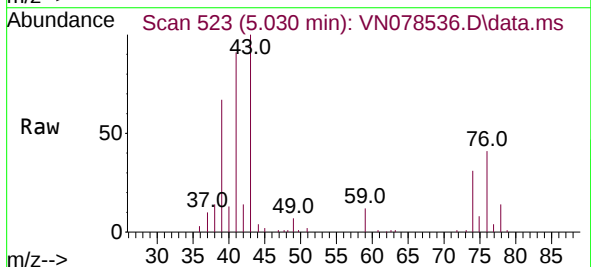
Manual Integrations
APPROVED

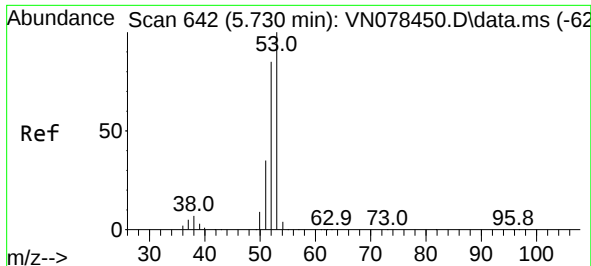
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#14
Allyl chloride
Concen: 20.405 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

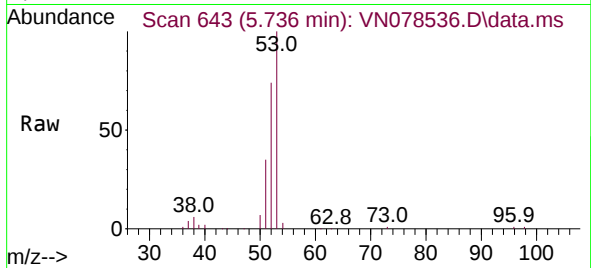
Tgt Ion: 41 Resp: 135842
Ion Ratio Lower Upper
41 100
39 71.1 58.8 88.2
76 38.6 39.1 58.7#





#15
Acrylonitrile
Concen: 100.820 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

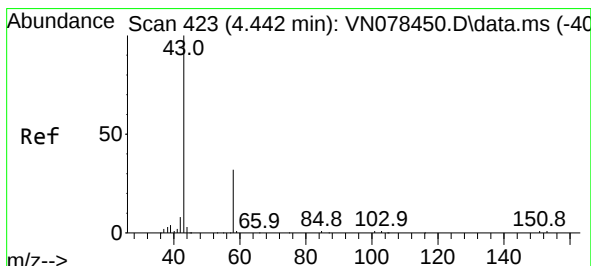
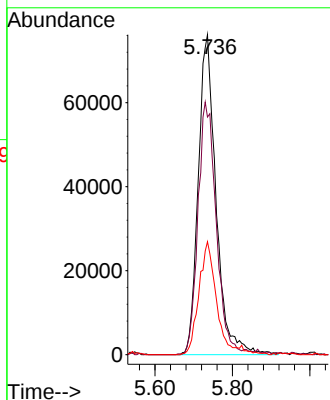
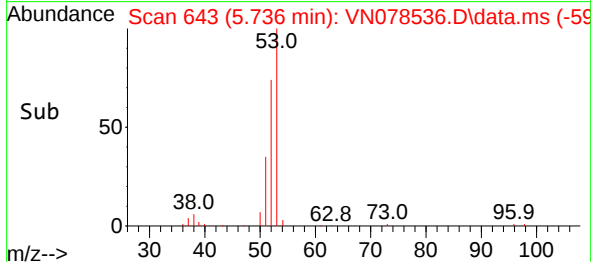
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion: 53 Resp: 243139
Ion Ratio Lower Upper
53 100
52 80.6 65.3 97.9
51 34.3 28.9 43.3

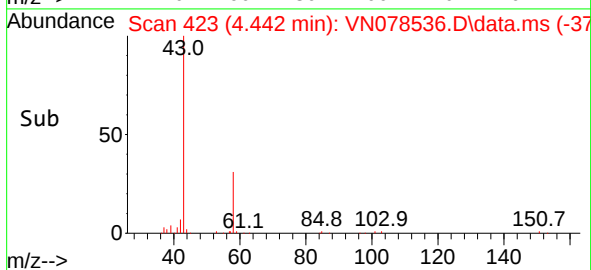
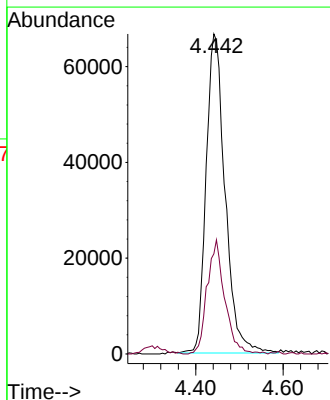
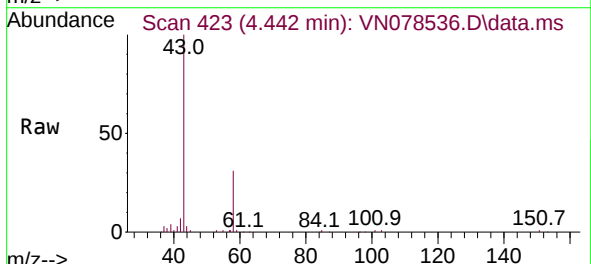
Manual Integrations
APPROVED

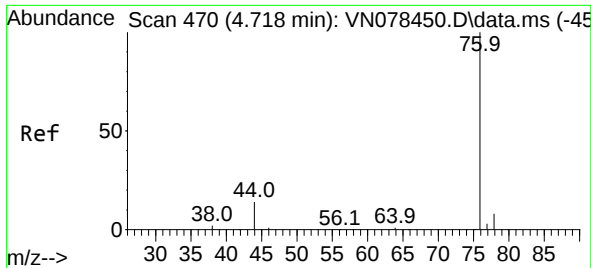
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 103.952 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion: 43 Resp: 200432
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0





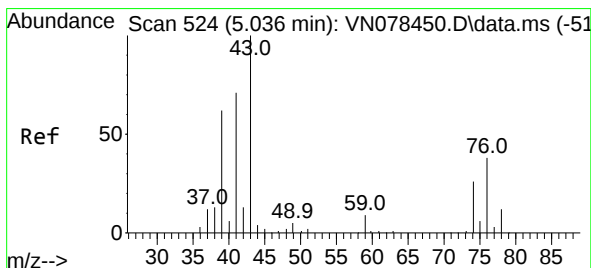
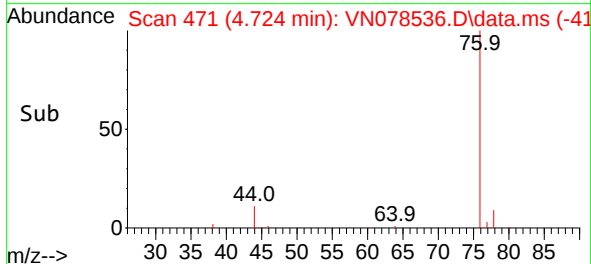
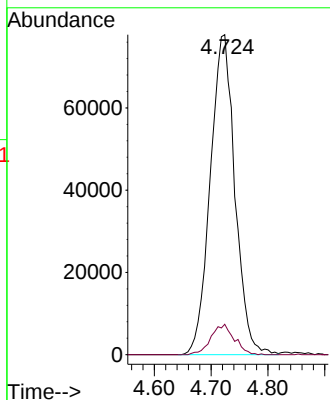
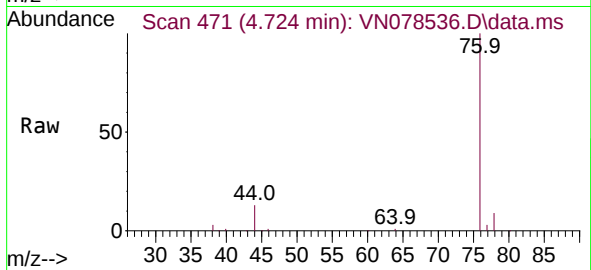
#17
Carbon Disulfide
Concen: 16.683 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion: 76 Resp: 235024
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

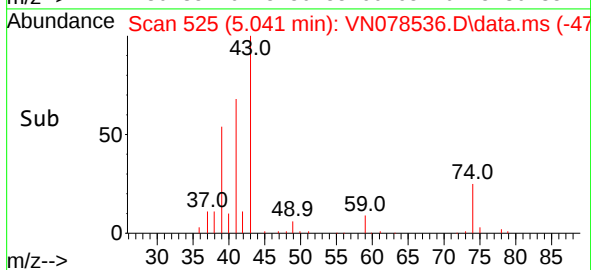
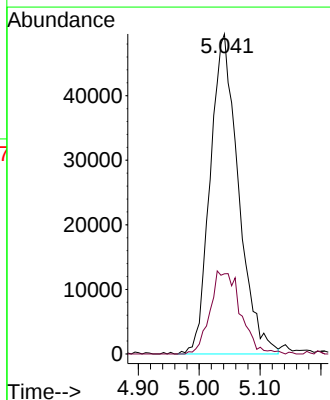
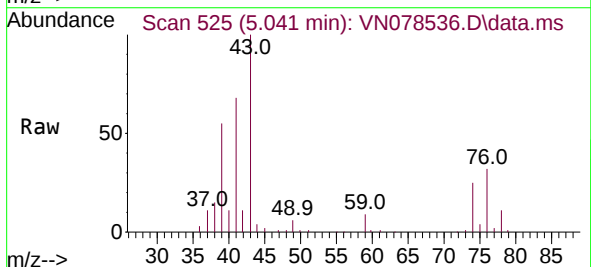
Manual Integrations
APPROVED

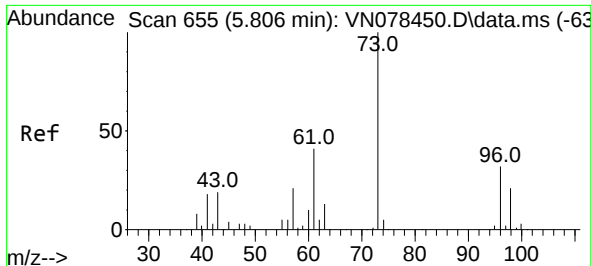
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#18
Methyl Acetate
Concen: 19.558 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.005 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion: 43 Resp: 159632
Ion Ratio Lower Upper
43 100
74 27.8 26.2 39.4





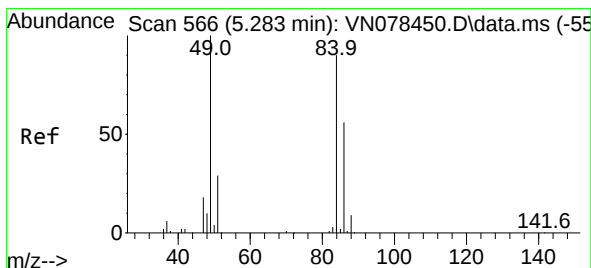
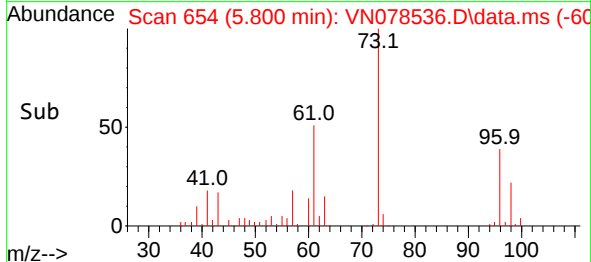
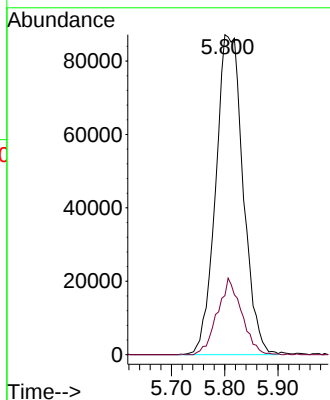
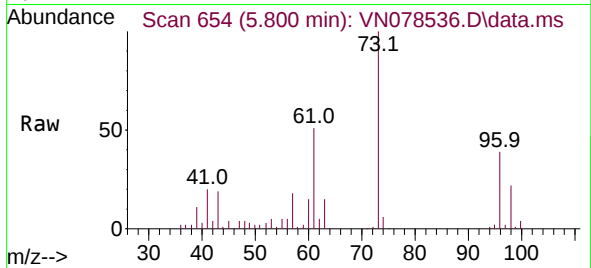
#19
Methyl tert-butyl Ether
Concen: 19.387 ug/l
RT: 5.800 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion: 73 Resp: 31120
Ion Ratio Lower Upper
73 100
57 18.5 15.6 23.4

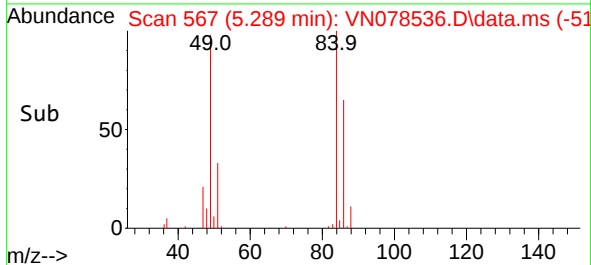
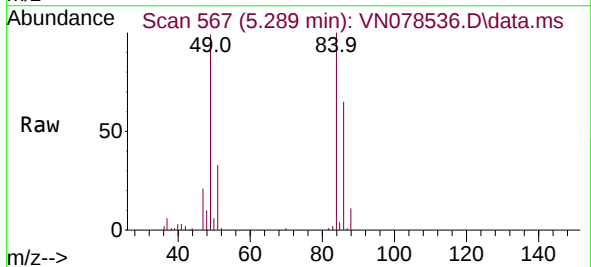
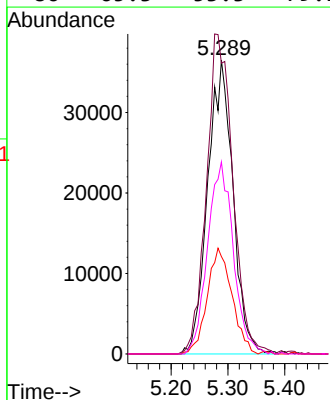
Manual Integrations
APPROVED

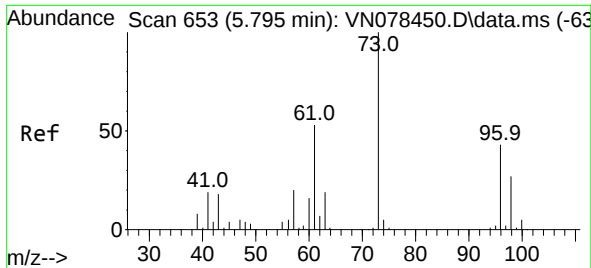
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#20
Methylene Chloride
Concen: 19.615 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

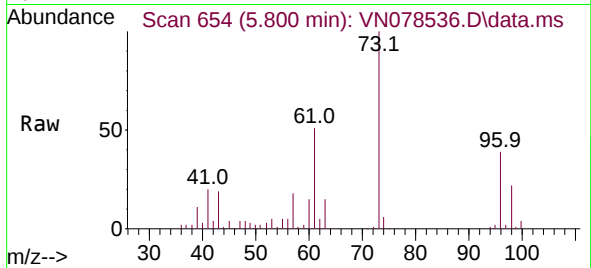
Tgt Ion: 84 Resp: 112594
Ion Ratio Lower Upper
84 100
49 98.9 79.7 119.5
51 33.1 25.2 37.8
86 65.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.260 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

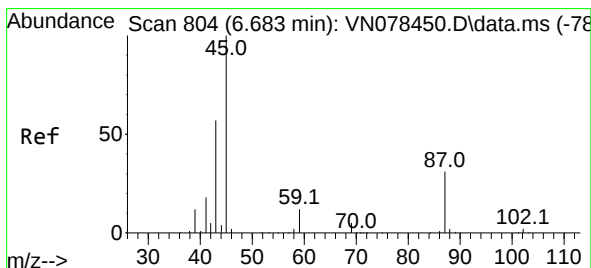
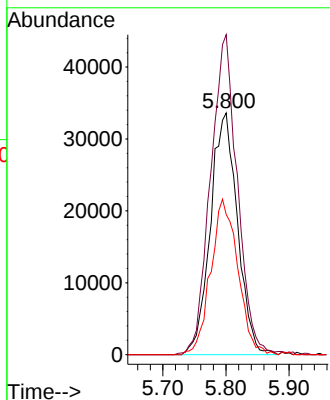
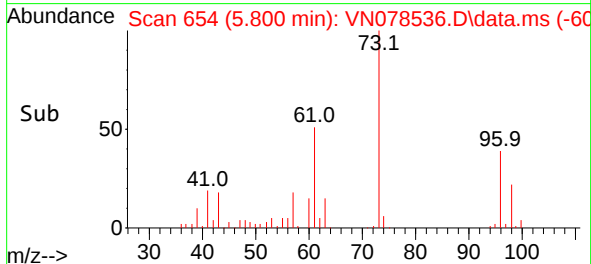
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



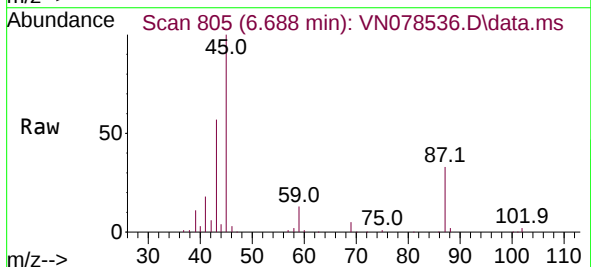
Tgt Ion: 96 Resp: 100250
Ion Ratio Lower Upper
96 100
61 131.8 90.1 135.1
98 58.0 46.4 69.6

Manual Integrations
APPROVED

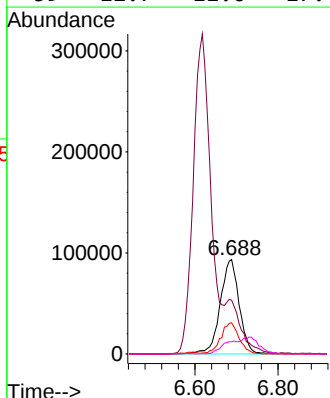
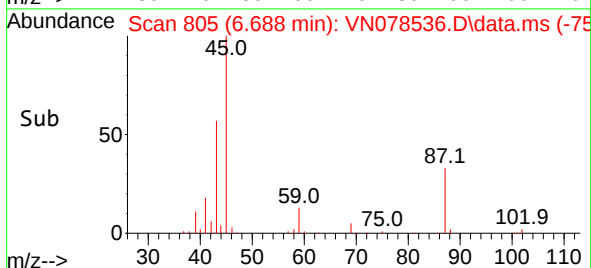
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

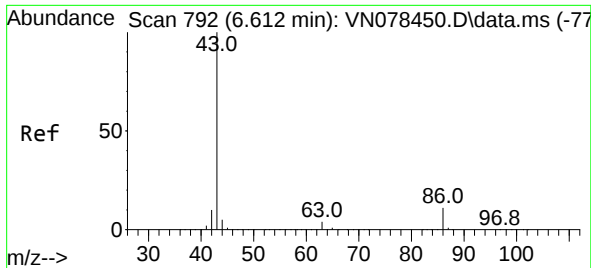


#22
Diisopropyl ether
Concen: 19.884 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.005 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56



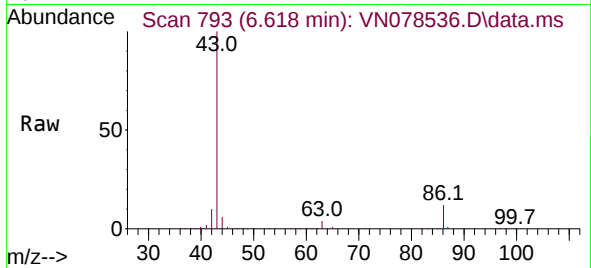
Tgt Ion: 45 Resp: 296405
Ion Ratio Lower Upper
45 100
43 56.4 45.5 68.3
87 33.0 31.8 47.8
59 12.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 98.212 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078536.D
 Acq: 17 Jul 2023 11:56

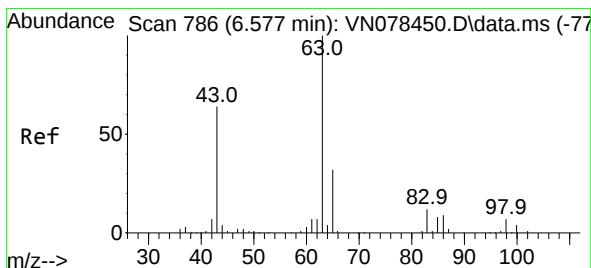
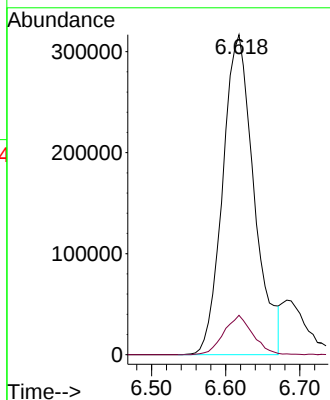
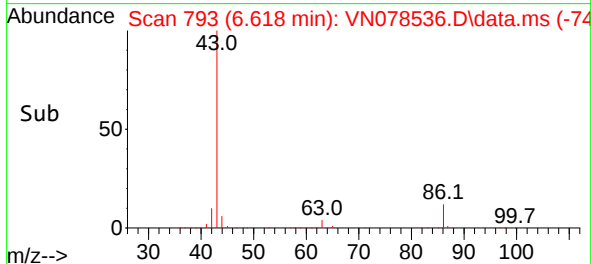
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBS01



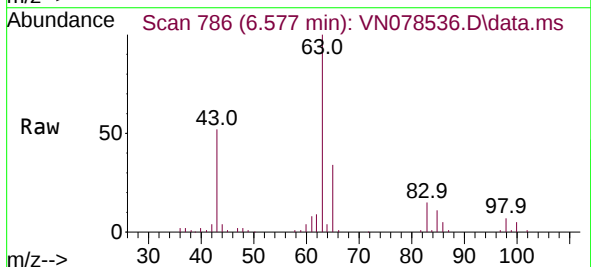
Tgt Ion: 43 Resp: 930720
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6

Manual Integrations
 APPROVED

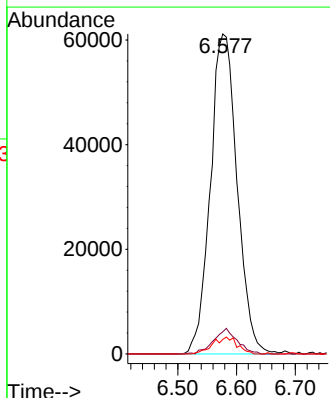
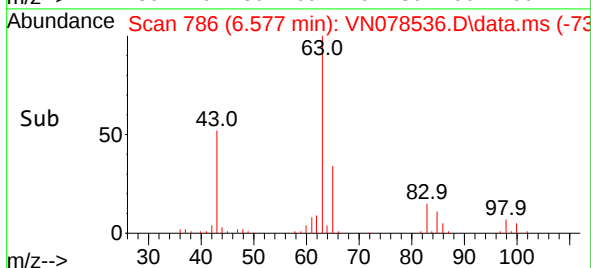
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

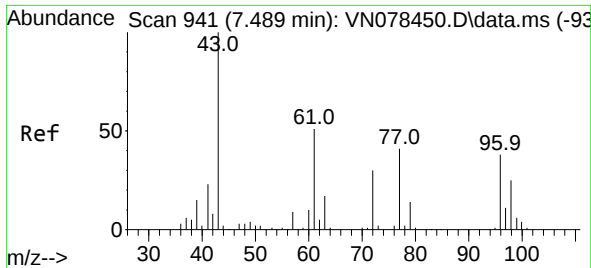


#24
 1,1-Dichloroethane
 Concen: 19.274 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078536.D
 Acq: 17 Jul 2023 11:56



Tgt Ion: 63 Resp: 193597
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.6 2.5 7.4





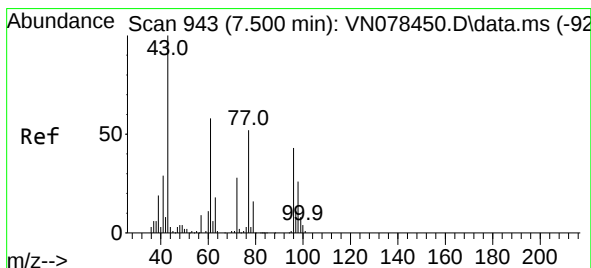
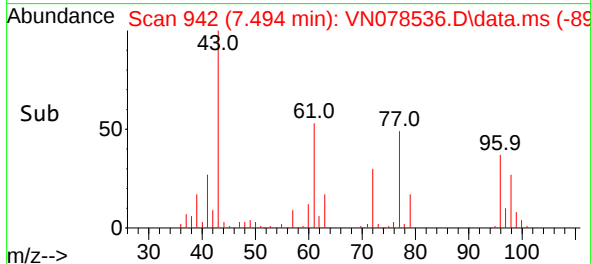
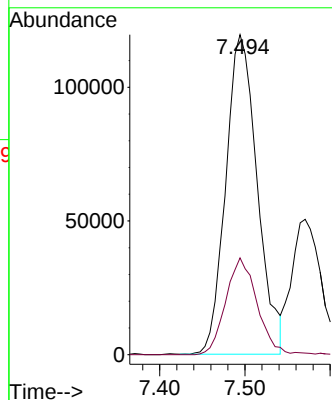
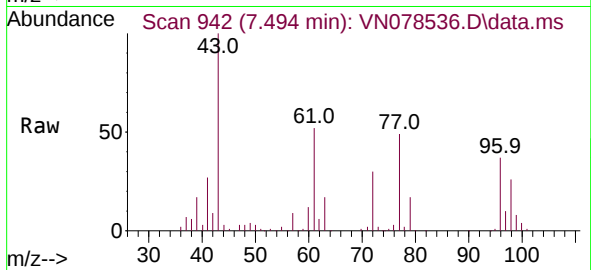
#25
2-Butanone
Concen: 101.261 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion: 43 Resp: 307339
Ion Ratio Lower Upper
43 100
72 30.3 30.2 45.2

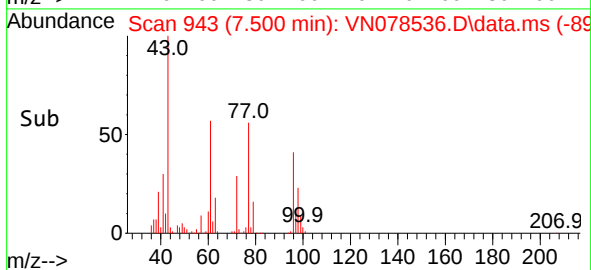
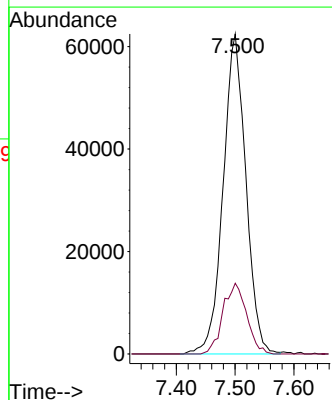
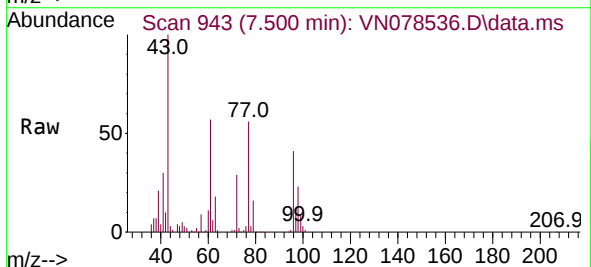
Manual Integrations
APPROVED

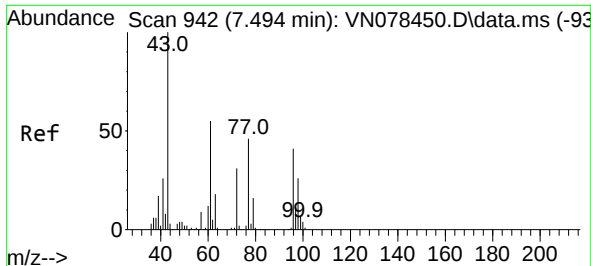
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#26
2,2-Dichloropropane
Concen: 20.423 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

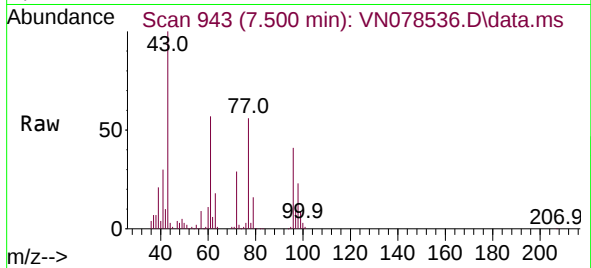
Tgt Ion: 77 Resp: 167782
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 18.901 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

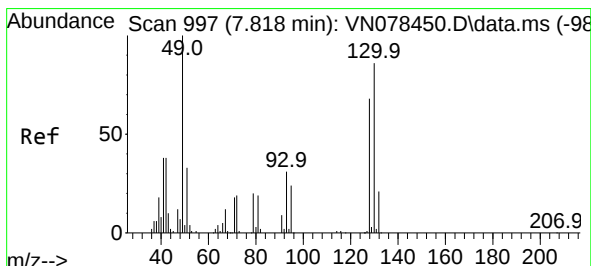
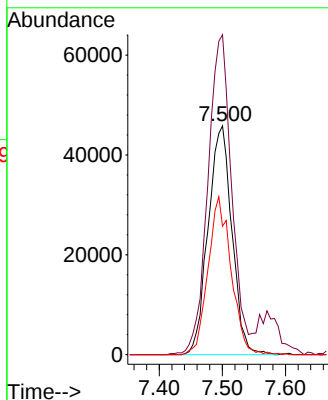
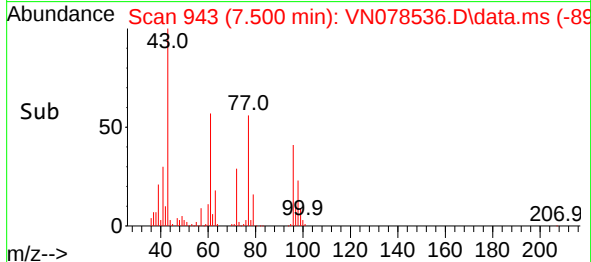
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion: 96 Resp: 120044
Ion Ratio Lower Upper
96 100
61 140.3 0.0 255.2
98 67.1 0.0 128.8

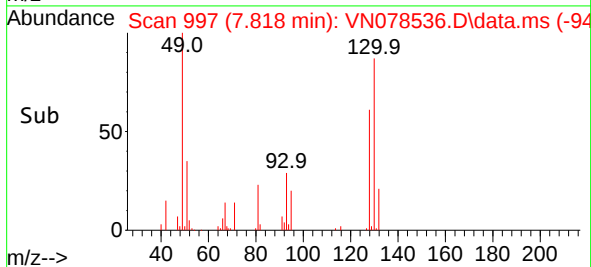
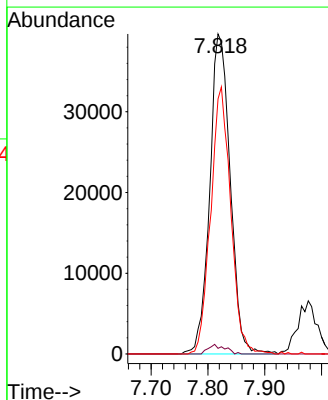
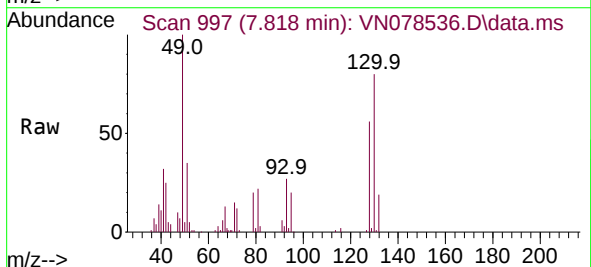
Manual Integrations
APPROVED

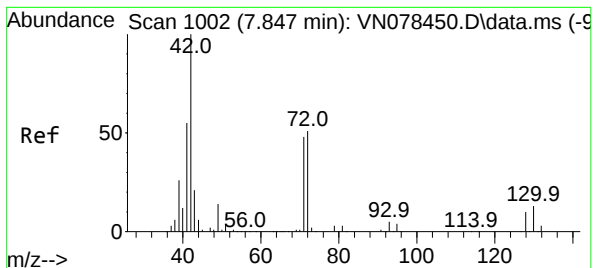
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#28
Bromochloromethane
Concen: 20.976 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion: 49 Resp: 99236
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 81.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 96.373 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078536.D

Acq: 17 Jul 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBS01

Tgt Ion: 42 Resp: 19193

Ion Ratio Lower Upper

42 100

72 50.5 49.8 74.6

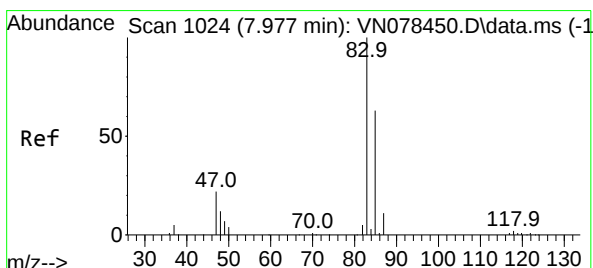
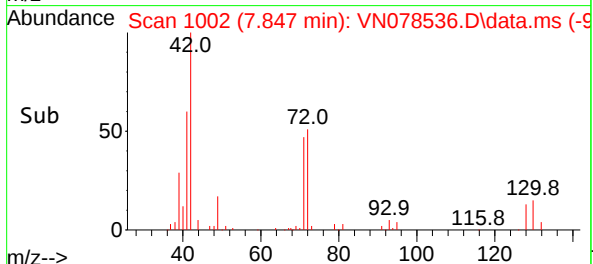
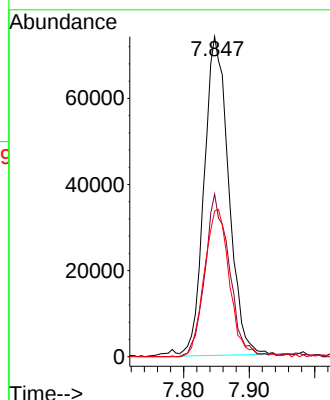
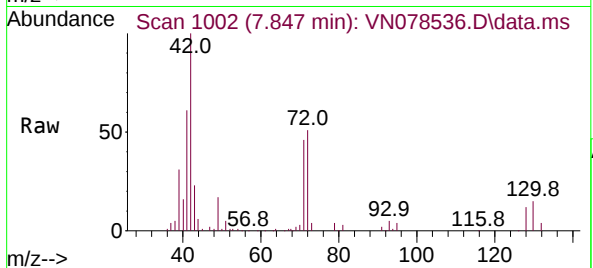
71 47.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#30

Chloroform

Concen: 19.883 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078536.D

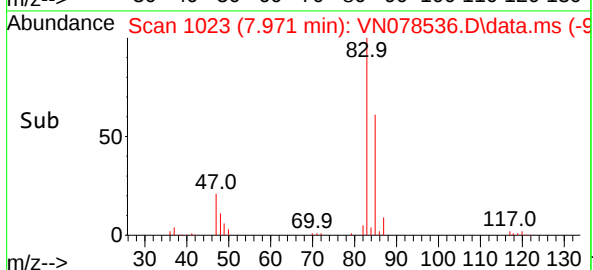
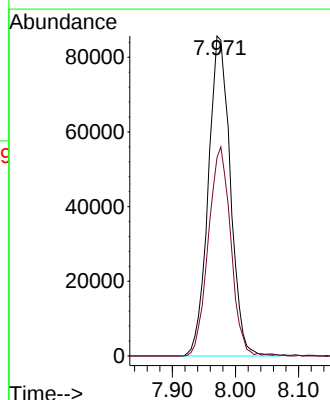
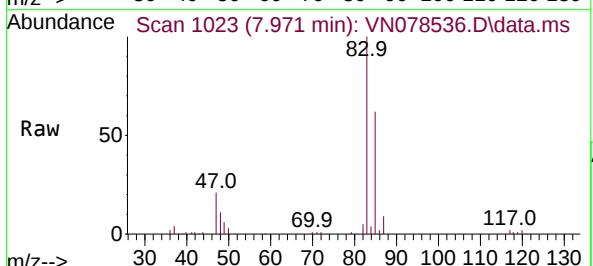
Acq: 17 Jul 2023 11:56

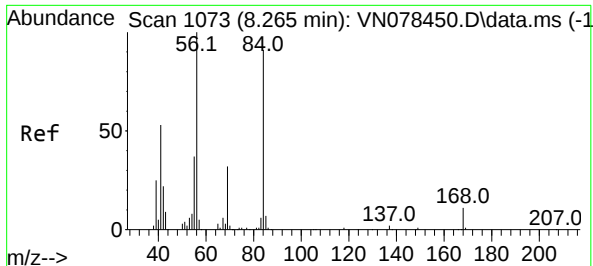
Tgt Ion: 83 Resp: 207922

Ion Ratio Lower Upper

83 100

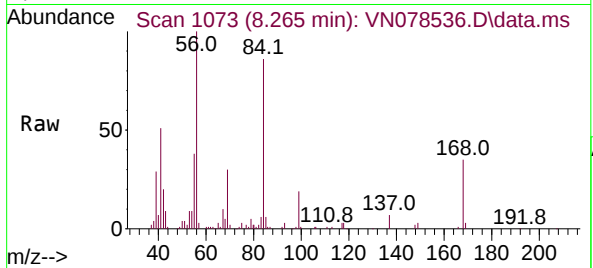
85 62.0 55.4 83.0





#31
Cyclohexane
Concen: 18.420 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

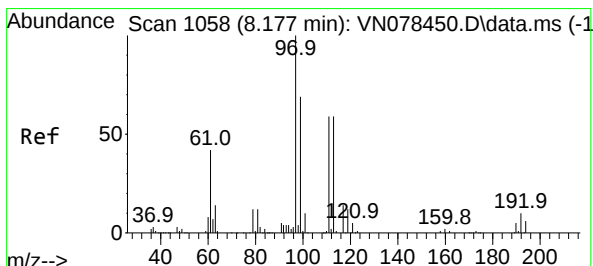
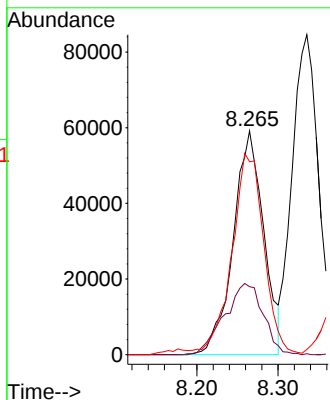
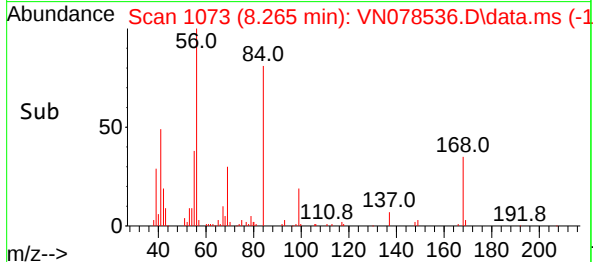
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



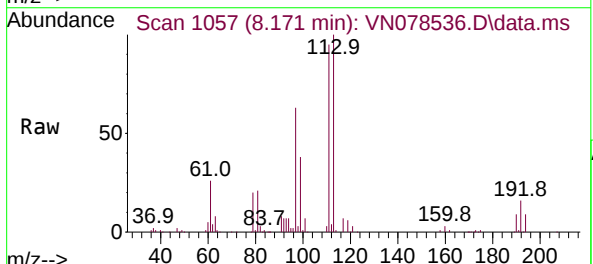
Tgt Ion: 56 Resp: 15408
Ion Ratio Lower Upper
56 100
69 30.4 26.8 40.2
84 83.7 81.8 122.6

Manual Integrations
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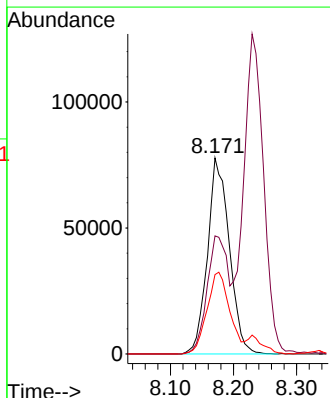
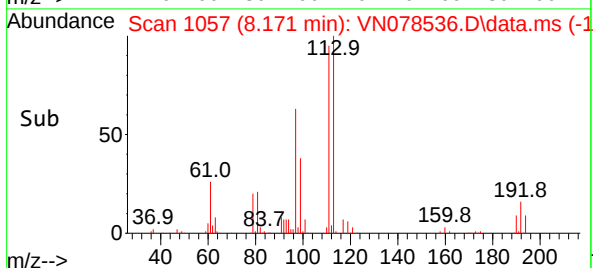
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

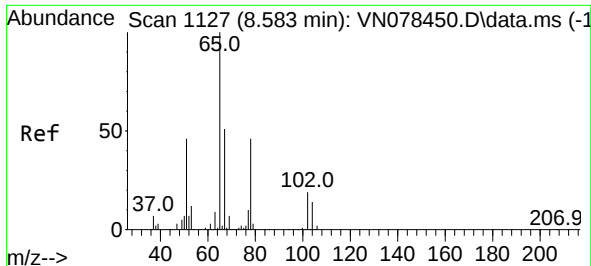


#32
1,1,1-Trichloroethane
Concen: 19.921 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56



Tgt Ion: 97 Resp: 186776
Ion Ratio Lower Upper
97 100
99 56.8 50.3 75.5
61 43.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.395 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078536.D

Acq: 17 Jul 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBS01

Tgt Ion: 65 Resp: 336694

Ion Ratio Lower Upper

65 100

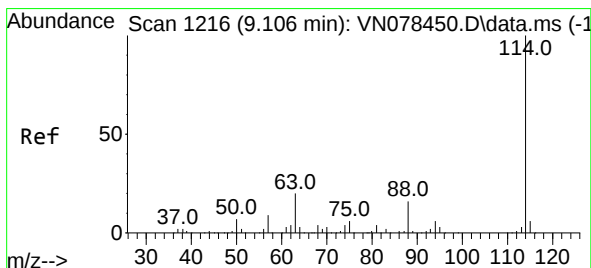
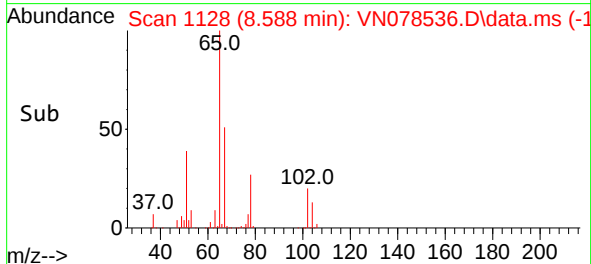
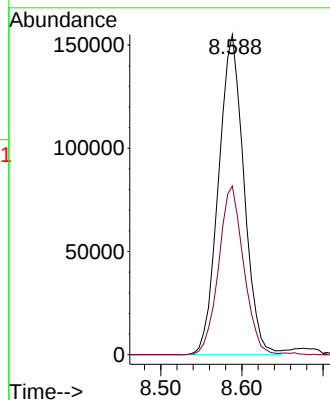
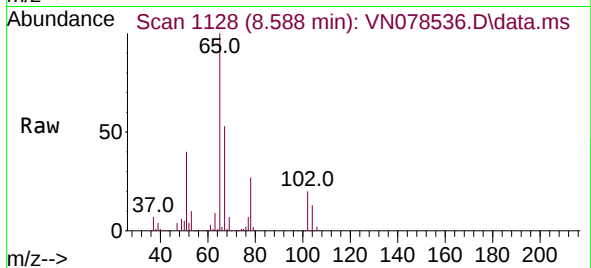
67 52.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078536.D

Acq: 17 Jul 2023 11:56

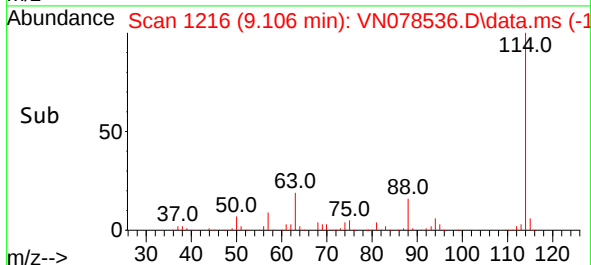
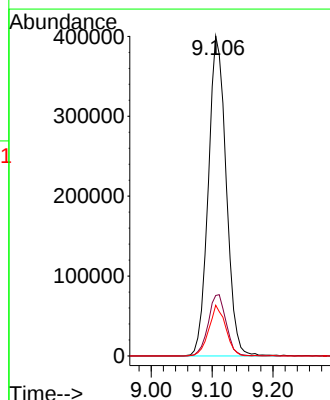
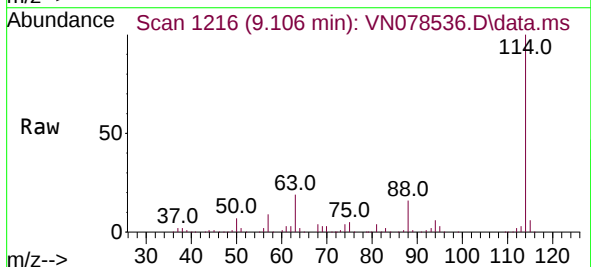
Tgt Ion:114 Resp: 817536

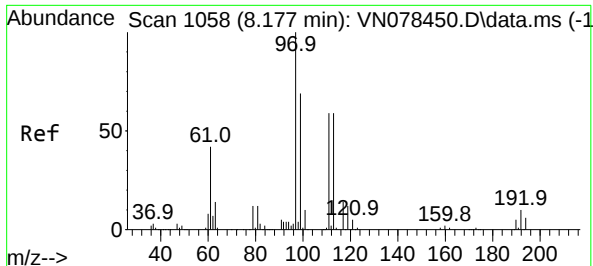
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.038 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078536.D

Acq: 17 Jul 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBS01

Tgt Ion: 113 Resp: 288794

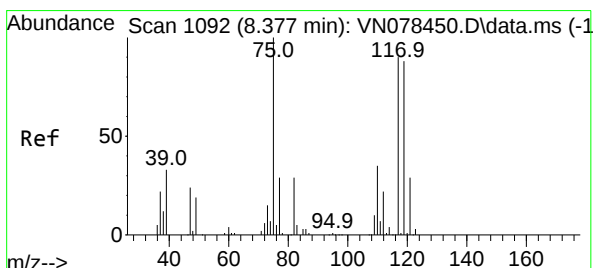
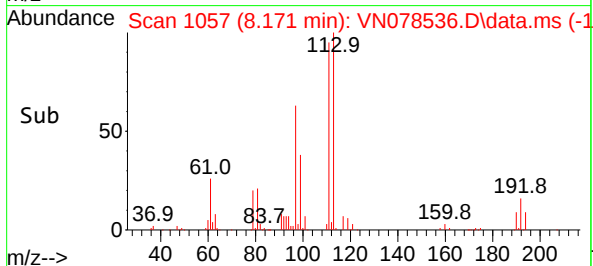
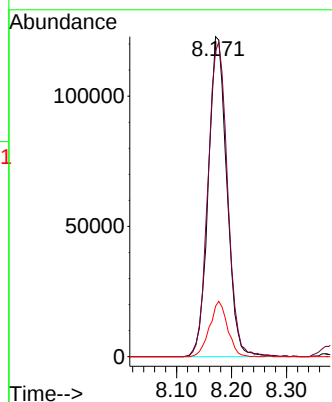
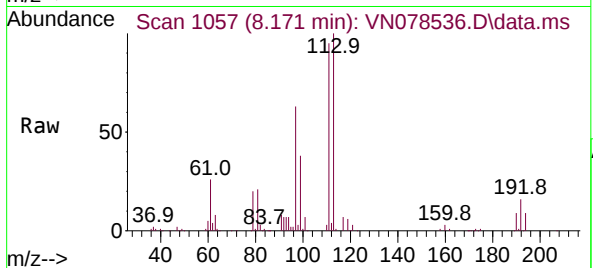
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	16.7	12.7	19.1

Manual Integrations

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Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#36

1,1-Dichloropropene

Concen: 18.314 ug/l

RT: 8.377 min Scan# 1092

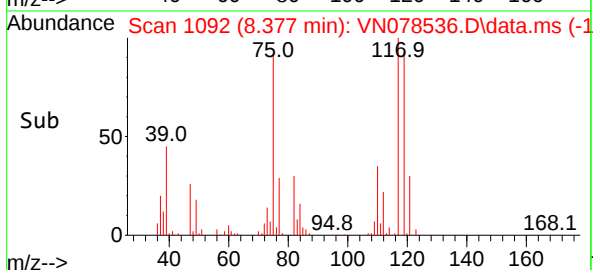
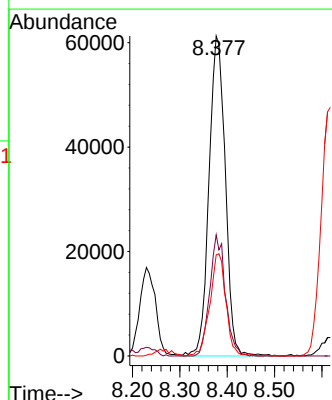
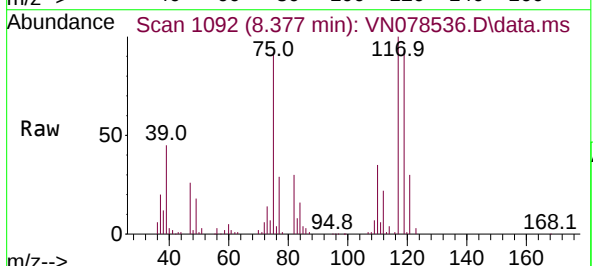
Delta R.T. -0.000 min

Lab File: VN078536.D

Acq: 17 Jul 2023 11:56

Tgt Ion: 75 Resp: 146751

Ion	Ratio	Lower	Upper
75	100		
110	36.2	19.1	57.3
77	31.4	25.0	37.4





#37

Ethyl Acetate

Concen: 17.147 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078536.D

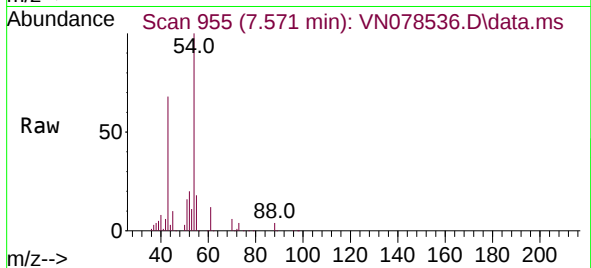
Acq: 17 Jul 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBS01



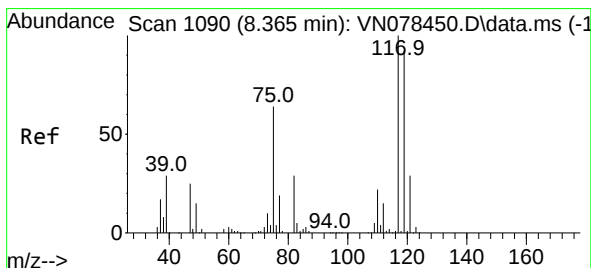
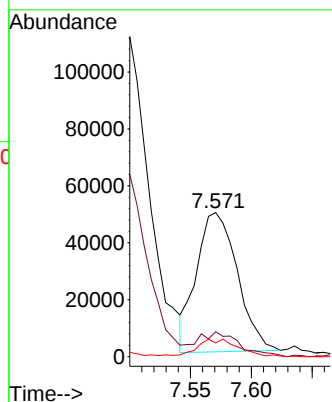
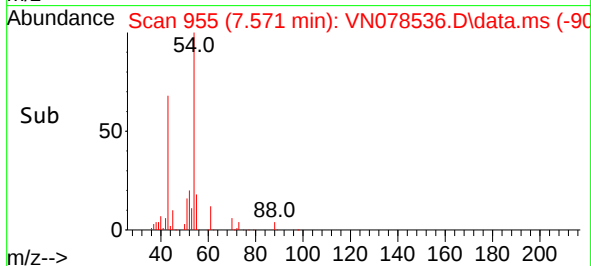
Tgt Ion:	43	Resp:	11454
Ion	Ratio	Lower	Upper
43	100		
61	17.5	13.2	19.8
70	12.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#38

Carbon Tetrachloride

Concen: 18.838 ug/l

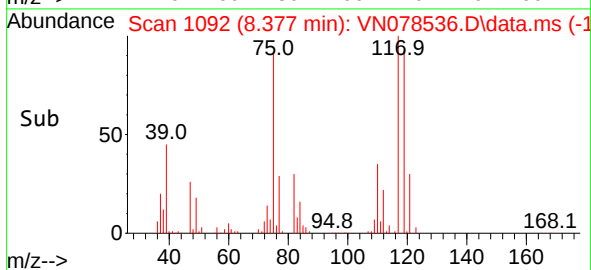
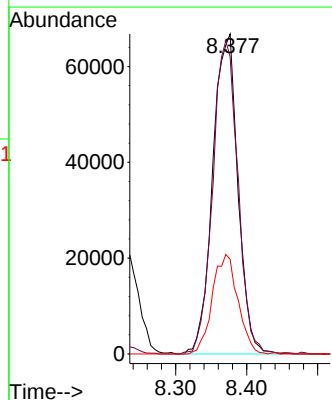
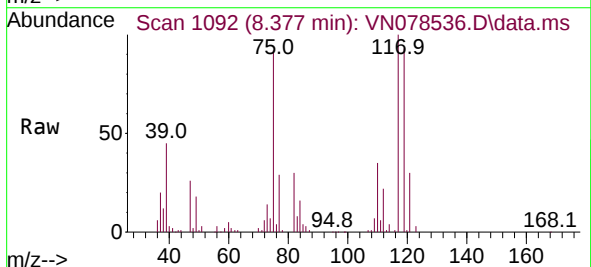
RT: 8.377 min Scan# 1092

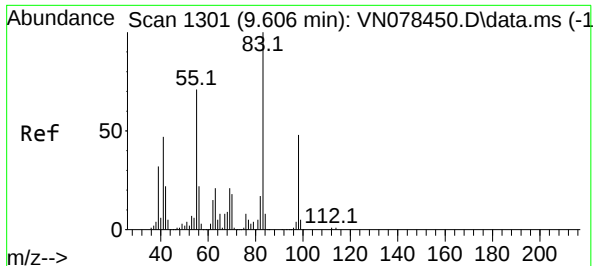
Delta R.T. 0.012 min

Lab File: VN078536.D

Acq: 17 Jul 2023 11:56

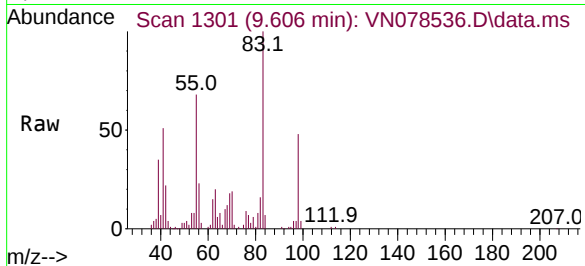
Tgt Ion:	117	Resp:	164064
Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.3	115.9
121	29.5	23.3	34.9





#39
Methylcyclohexane
Concen: 17.845 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

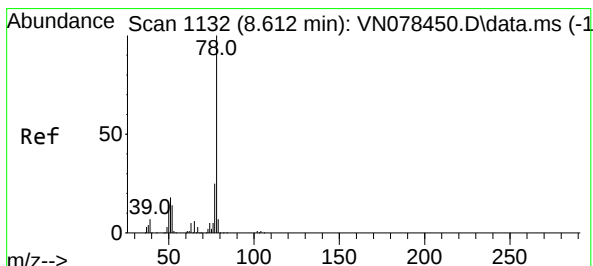
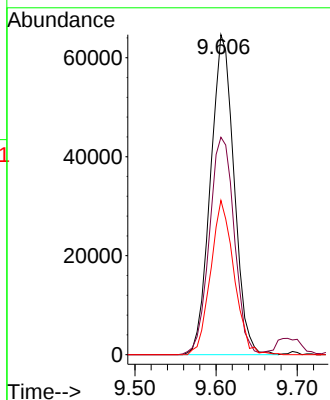
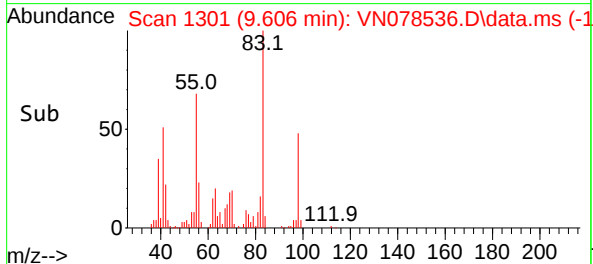
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion: 83 Resp: 130529
Ion Ratio Lower Upper
83 100
55 68.0 49.1 73.7
98 48.2 40.6 61.0

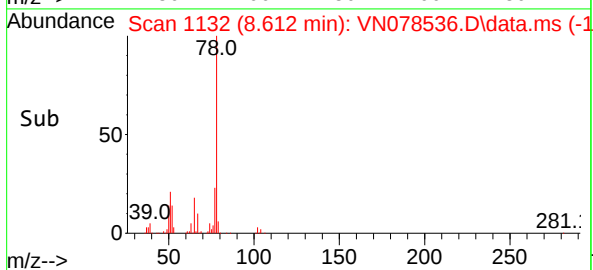
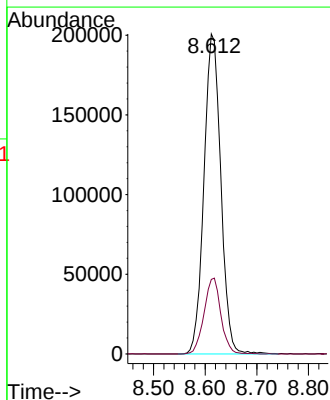
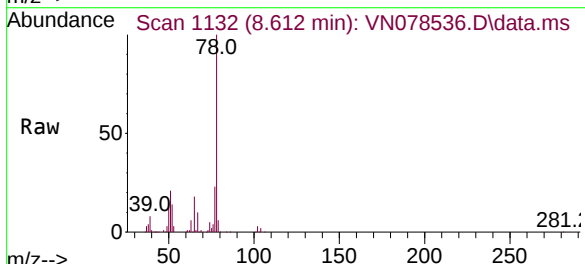
Manual Integrations
APPROVED

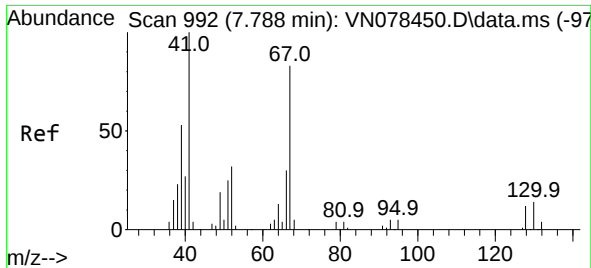
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#40
Benzene
Concen: 19.154 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

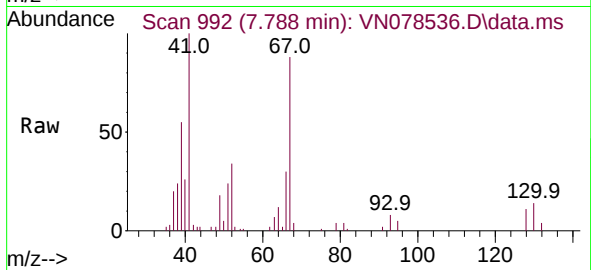
Tgt Ion: 78 Resp: 454704
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 19.697 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

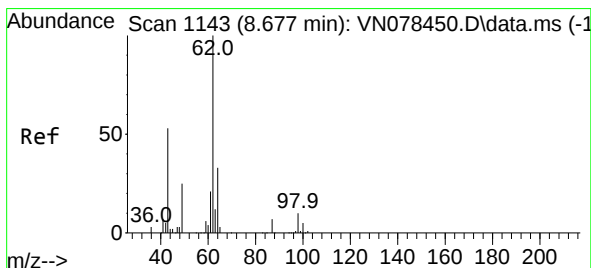
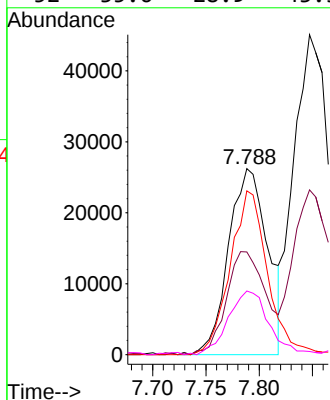
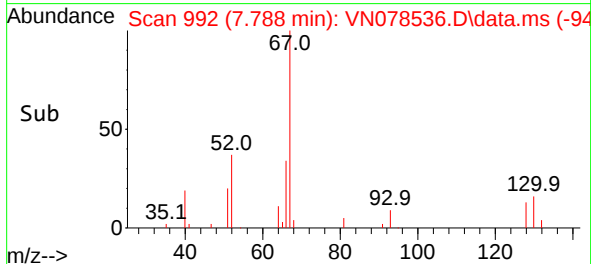
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion: 41	Resp: 6707
Ion Ratio	Lower Upper
41 100	
39 55.9	42.6 64.0
67 84.0	77.5 116.3
52 35.6	28.9 43.3

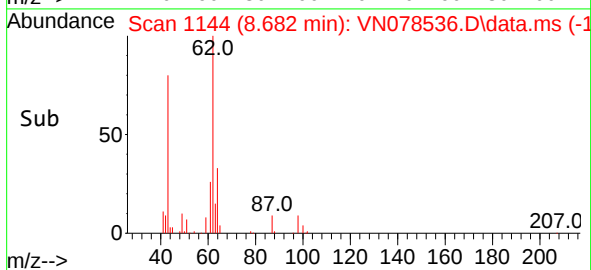
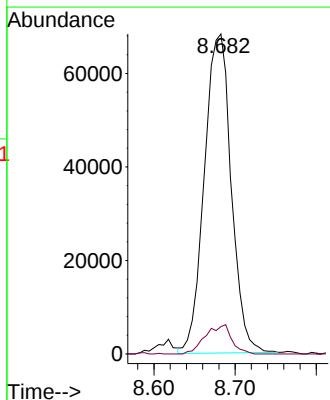
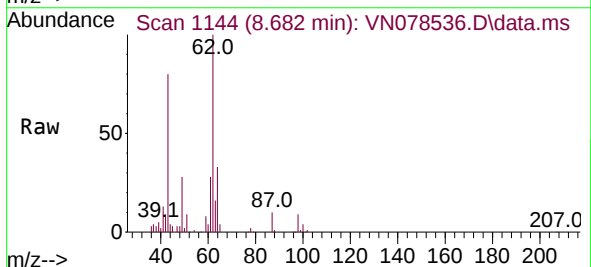
Manual Integrations
APPROVED

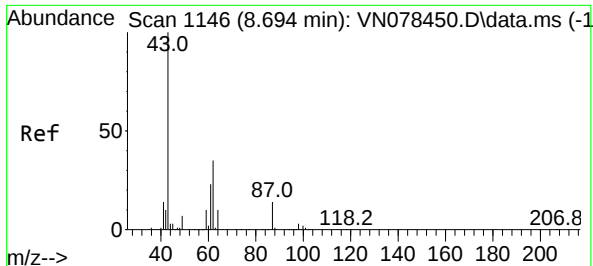
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#42
1,2-Dichloroethane
Concen: 19.477 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

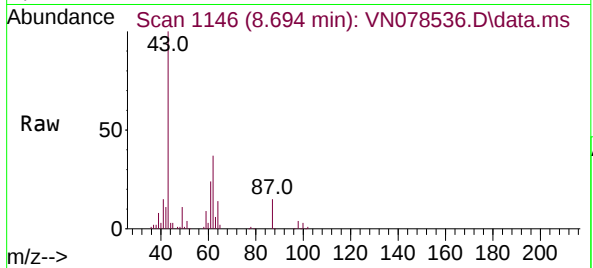
Tgt Ion: 62	Resp: 157271
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 19.8





#43
Isopropyl Acetate
Concen: 19.906 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

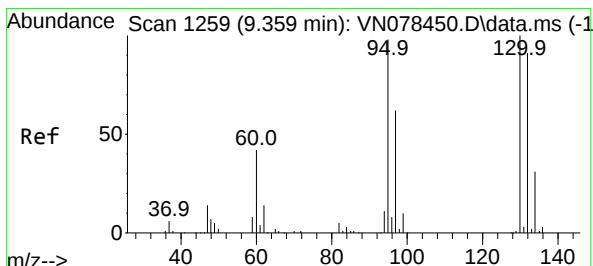
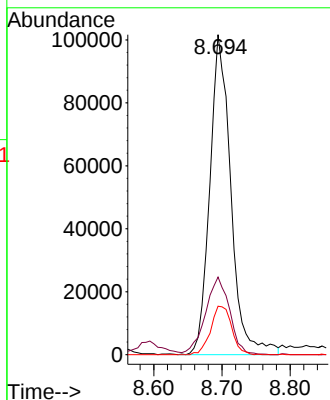
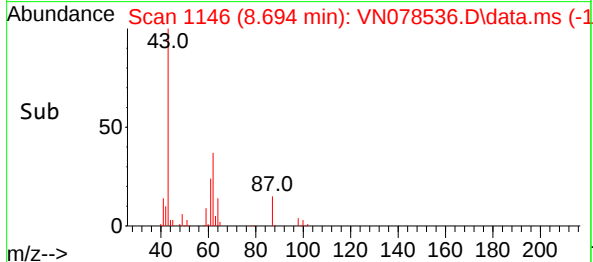
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion: 43 Resp: 21892
Ion Ratio Lower Upper
43 100
61 27.7 24.7 37.1
87 15.1 14.6 21.8

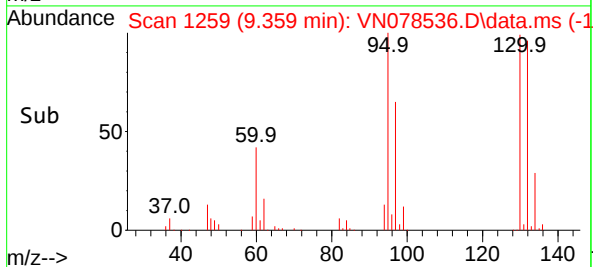
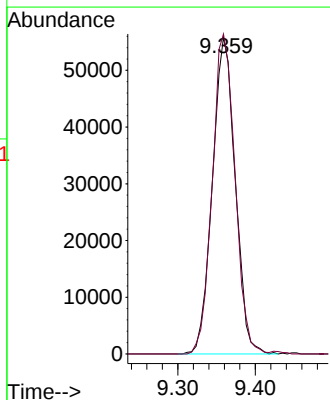
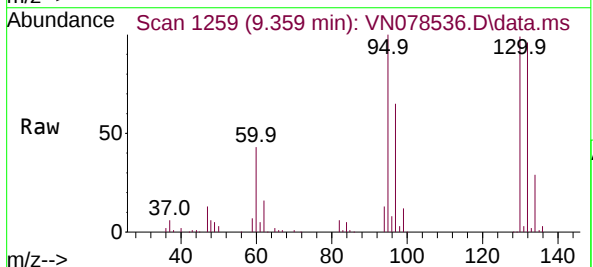
Manual Integrations
APPROVED

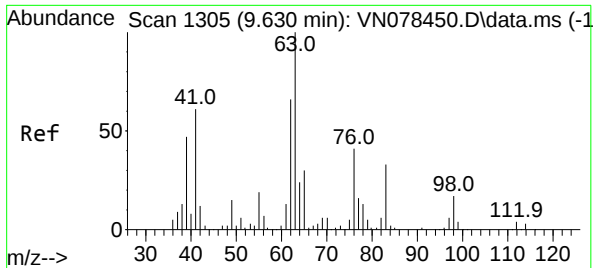
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#44
Trichloroethene
Concen: 17.837 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion:130 Resp: 114128
Ion Ratio Lower Upper
130 100
95 101.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.377 ug/l

RT: 9.629 min Scan# 11650

Delta R.T. -0.001 min

Lab File: VN078536.D

Acq: 17 Jul 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBS01

Tgt Ion: 63 Resp: 11650

Ion Ratio Lower Upper

63 100

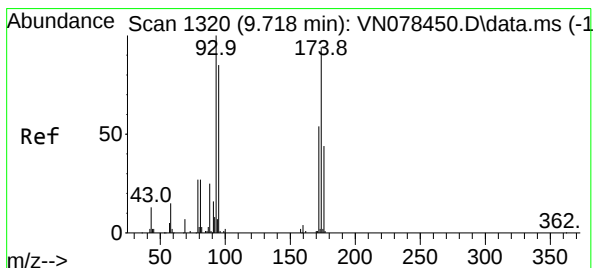
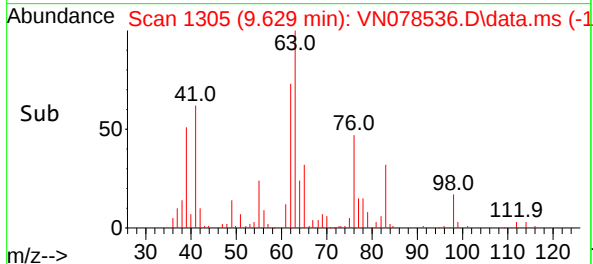
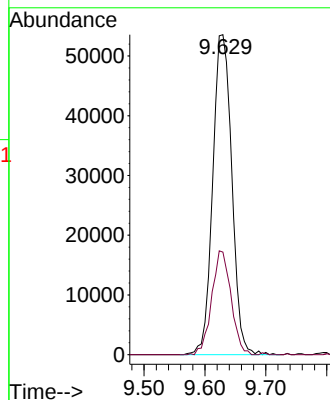
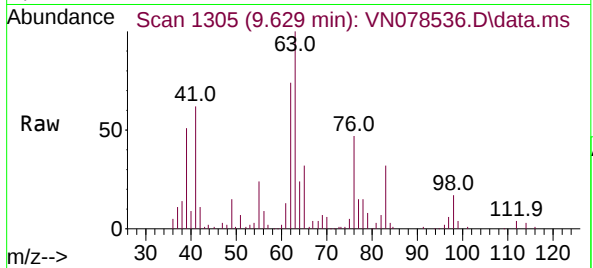
65 32.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 18.497 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078536.D

Acq: 17 Jul 2023 11:56

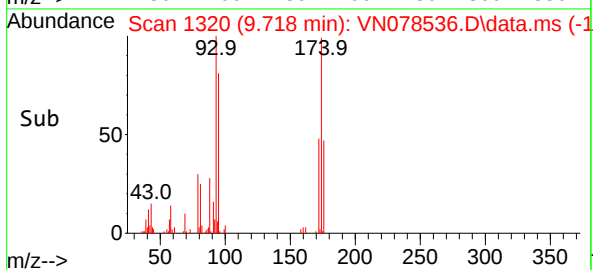
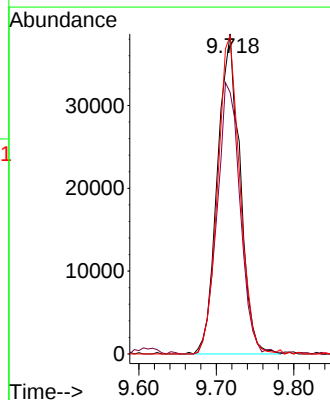
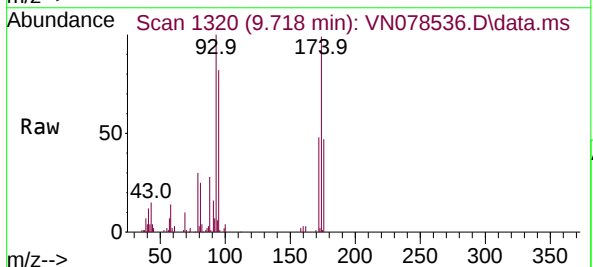
Tgt Ion: 93 Resp: 78278

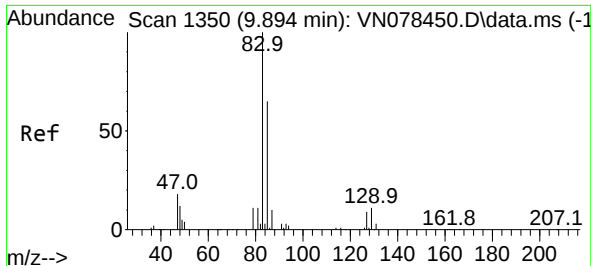
Ion Ratio Lower Upper

93 100

95 86.1 63.8 95.8

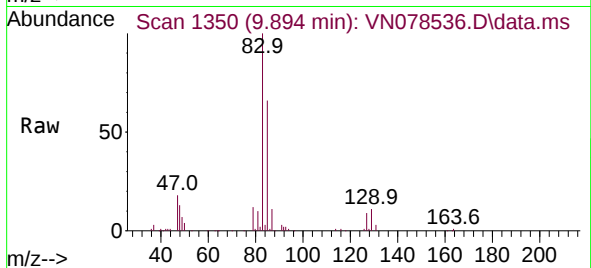
174 97.2 65.6 98.4





#47
Bromodichloromethane
Concen: 19.479 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

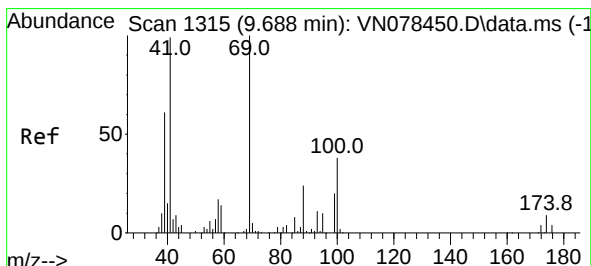
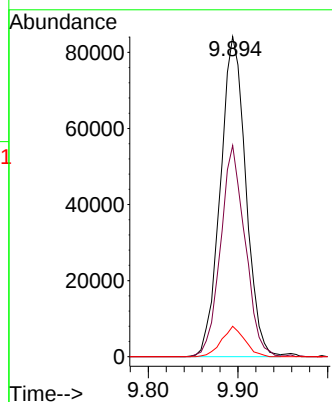
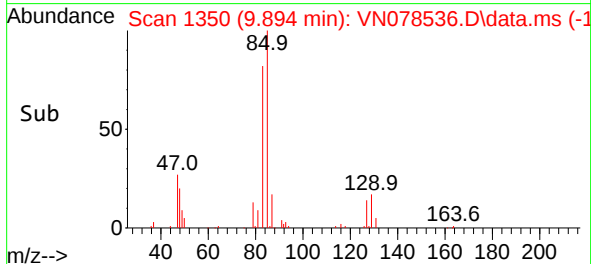
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion: 83 Resp: 16524
Ion Ratio Lower Upper
83 100
85 66.0 49.6 74.4
127 9.5 7.0 10.6

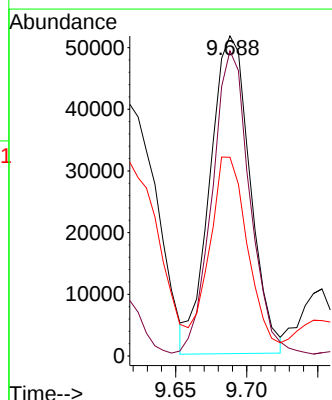
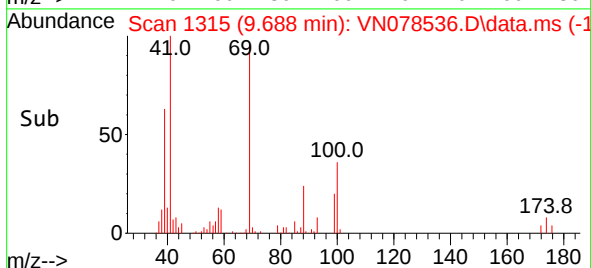
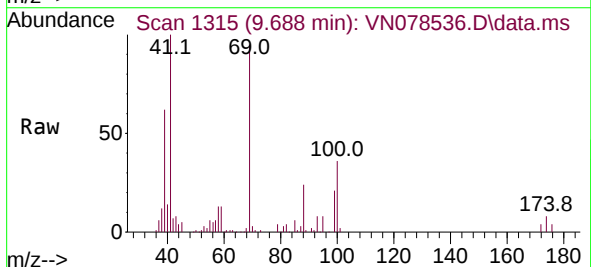
Manual Integrations
APPROVED

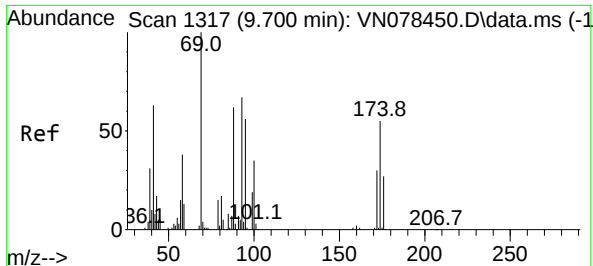
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#48
Methyl methacrylate
Concen: 19.948 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion: 41 Resp: 101639
Ion Ratio Lower Upper
41 100
69 89.8 90.4 135.6#
39 59.9 54.6 81.8





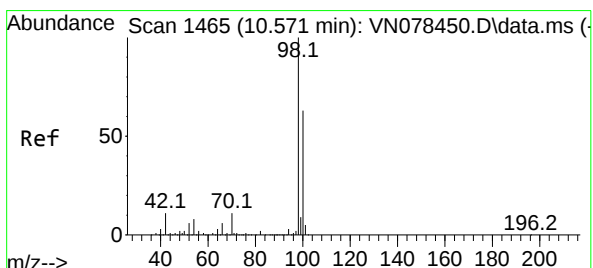
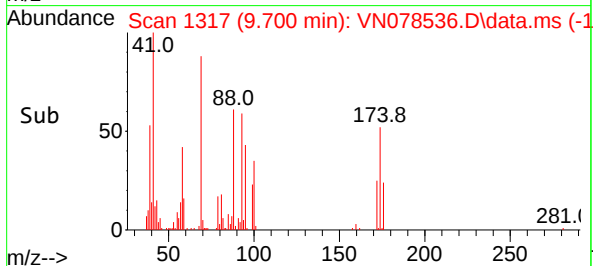
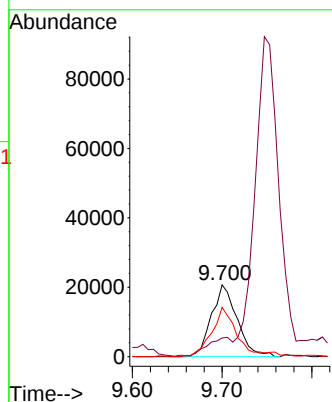
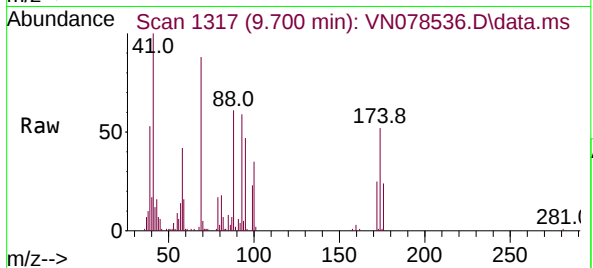
#49
1,4-Dioxane
Concen: 369.768 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion: 88 Resp: 41085
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6
58 68.9 47.0 70.4

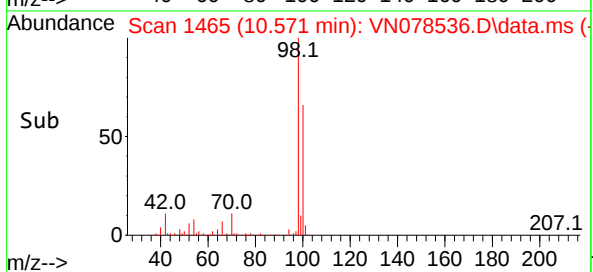
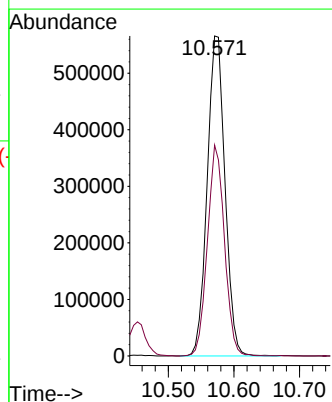
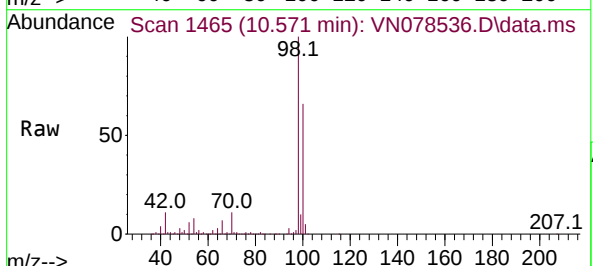
Manual Integrations
APPROVED

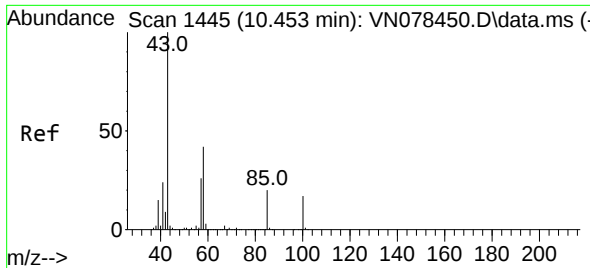
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#50
Toluene-d8
Concen: 50.985 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion: 98 Resp: 1068907
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0





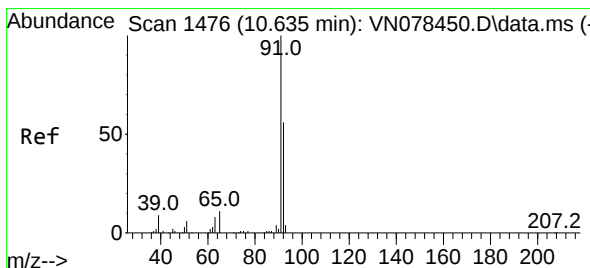
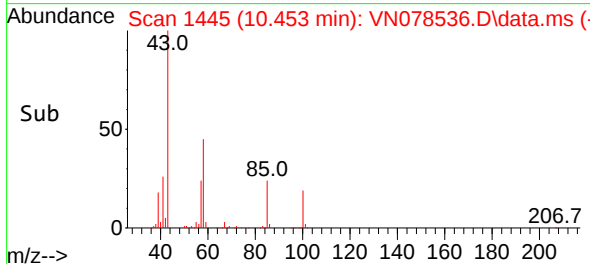
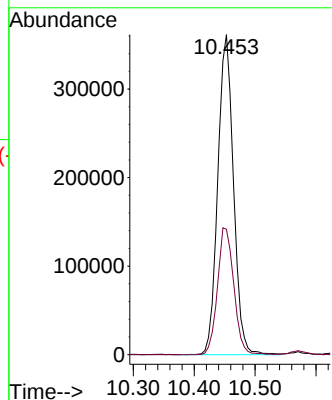
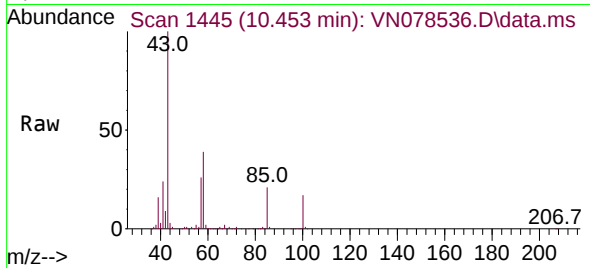
#51
4-Methyl-2-Pentanone
Concen: 98.867 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion: 43 Resp: 646749
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

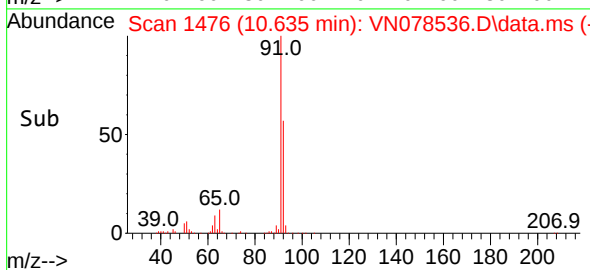
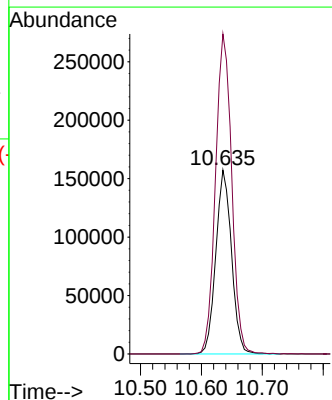
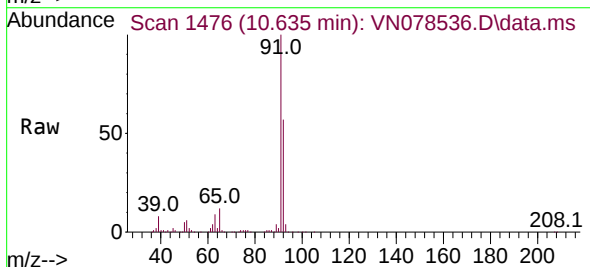
Manual Integrations
APPROVED

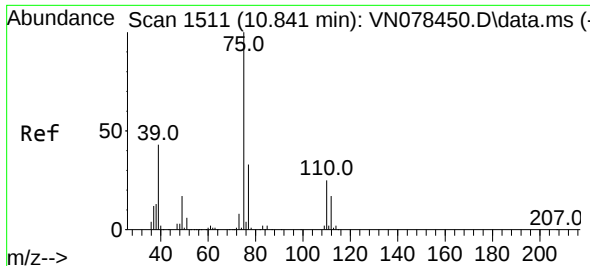
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#52
Toluene
Concen: 19.103 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

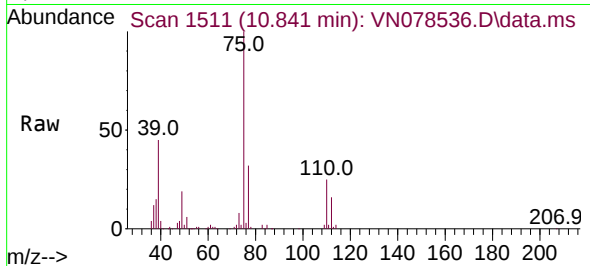
Tgt Ion: 92 Resp: 281069
Ion Ratio Lower Upper
92 100
91 179.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.149 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

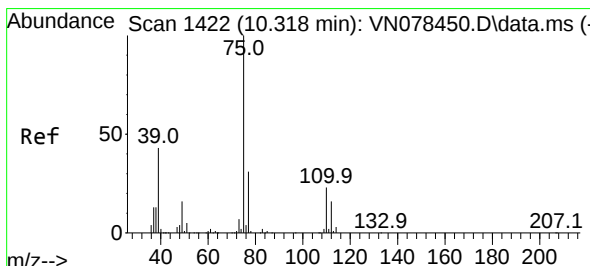
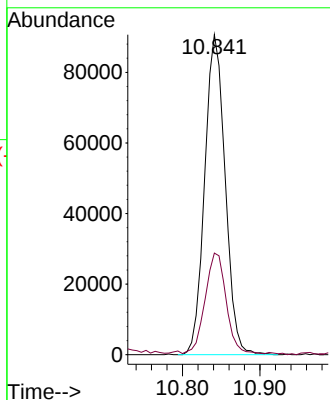
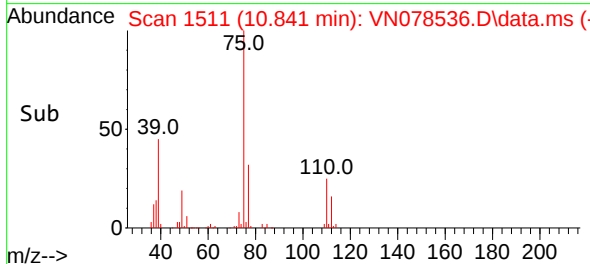
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion: 75 Resp: 166418
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

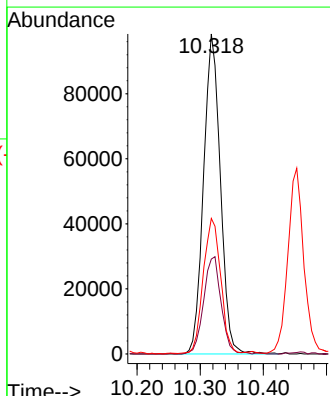
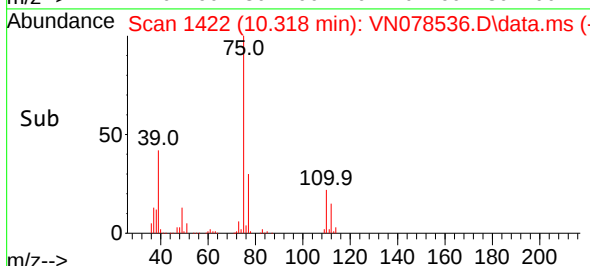
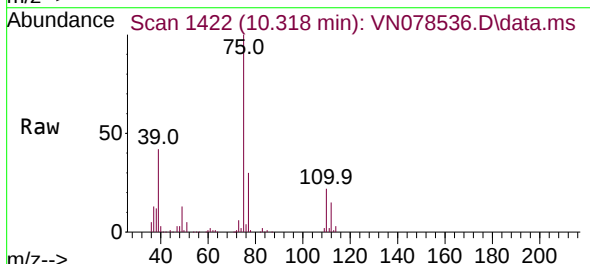
Manual Integrations
APPROVED

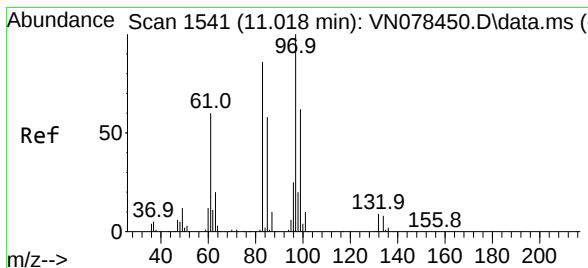
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#54
cis-1,3-Dichloropropene
Concen: 19.656 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

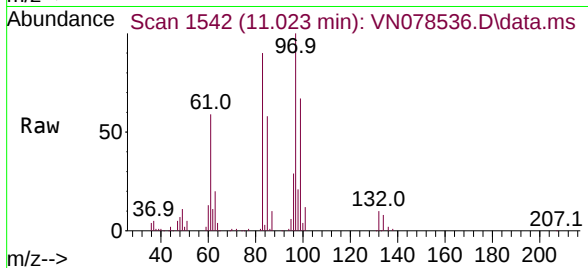
Tgt Ion: 75 Resp: 182091
Ion Ratio Lower Upper
75 100
77 29.7 26.1 39.1
39 42.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.698 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

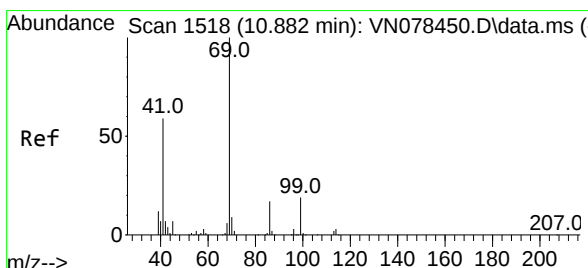
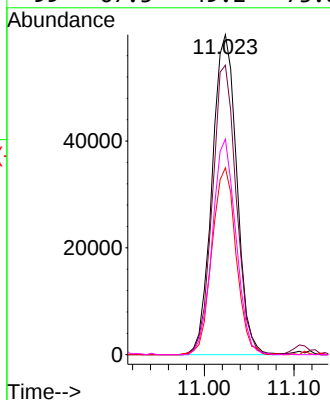
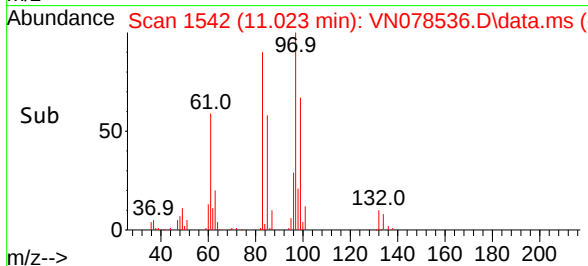
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion: 97 Resp: 11418
Ion Ratio Lower Upper
97 100
83 90.5 65.1 97.7
85 58.4 43.4 65.2
99 67.3 49.2 73.8

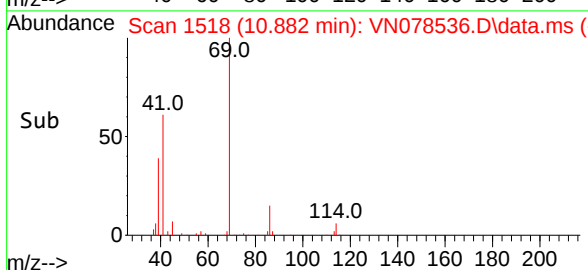
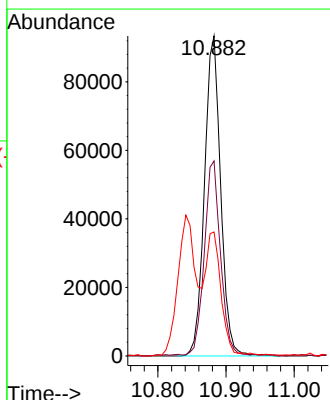
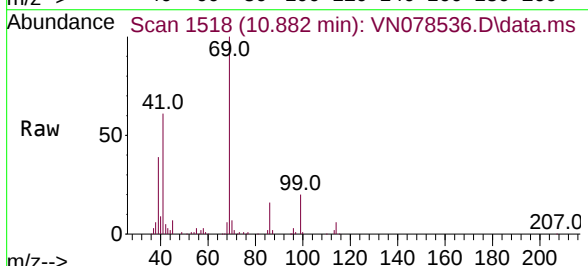
Manual Integrations
APPROVED

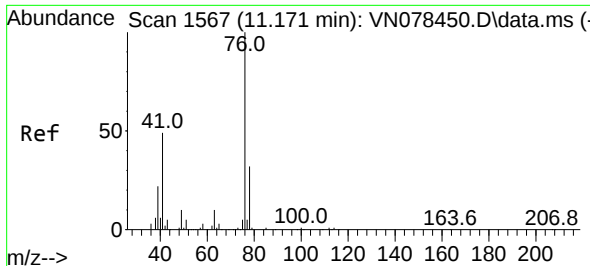
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#56
Ethyl methacrylate
Concen: 19.034 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion: 69 Resp: 154244
Ion Ratio Lower Upper
69 100
41 60.5 39.6 59.4#
39 35.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 18.901 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078536.D

Acq: 17 Jul 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBS01

Tgt Ion: 76 Resp: 186300

Ion Ratio Lower Upper

76 100

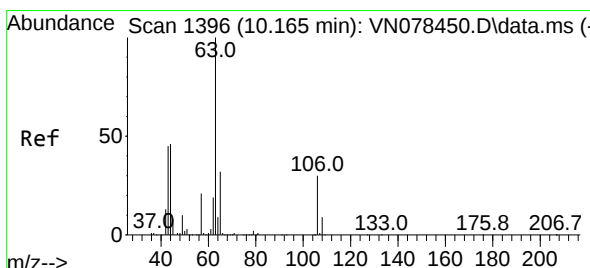
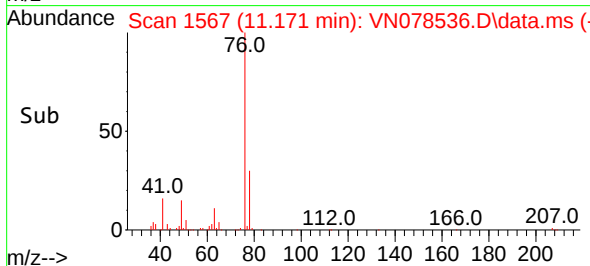
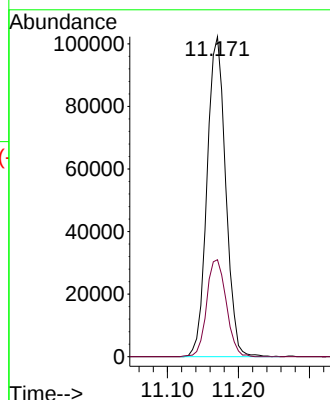
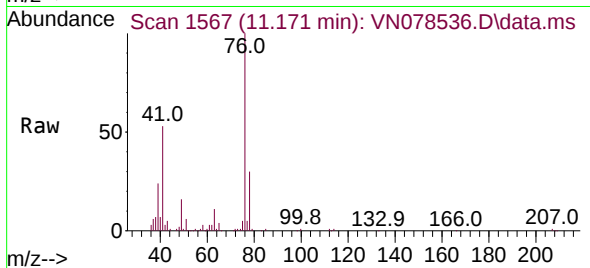
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 98.110 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078536.D

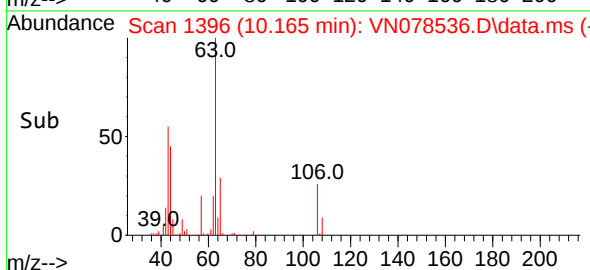
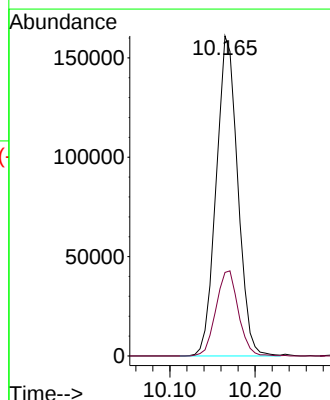
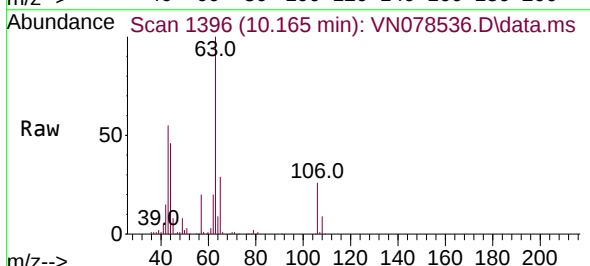
Acq: 17 Jul 2023 11:56

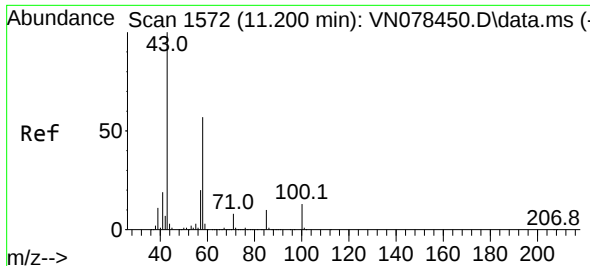
Tgt Ion: 63 Resp: 283332

Ion Ratio Lower Upper

63 100

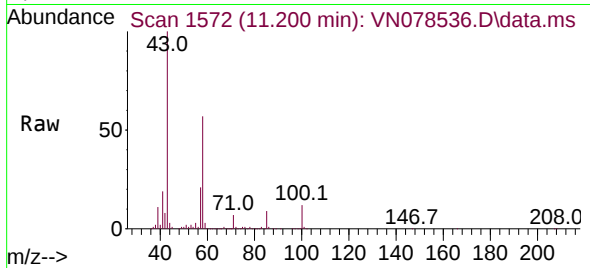
106 27.6 26.2 39.4





#59
2-Hexanone
Concen: 98.595 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

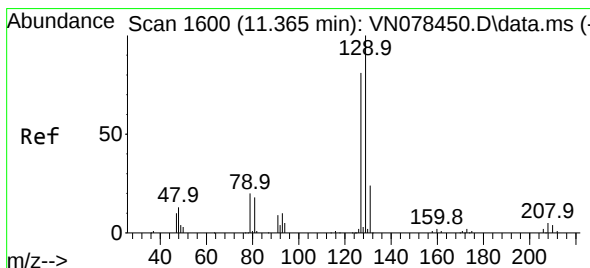
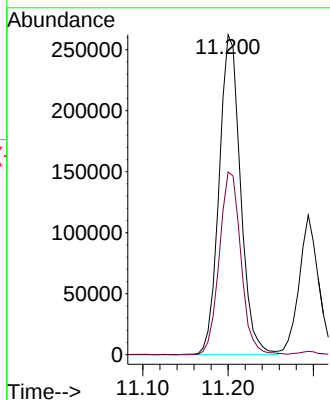
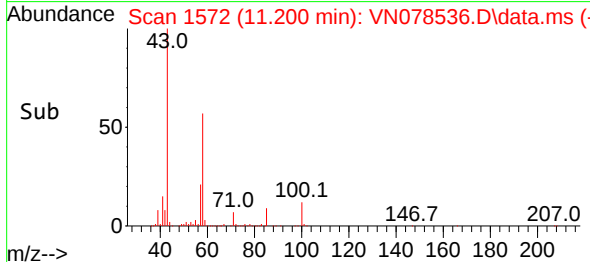
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion: 43 Resp: 45838
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1

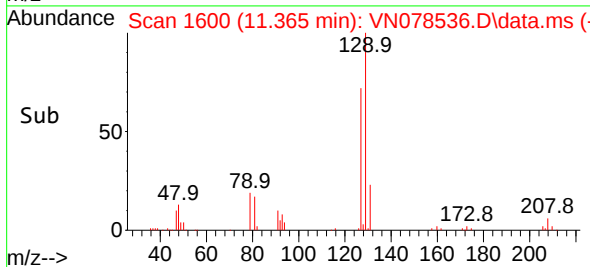
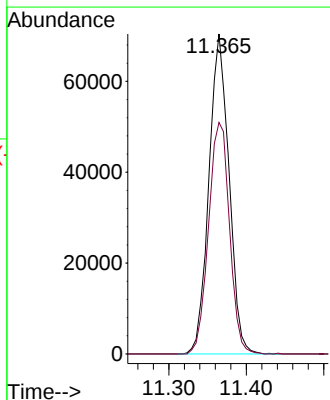
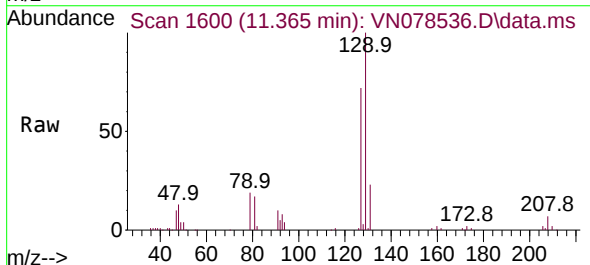
Manual Integrations
APPROVED

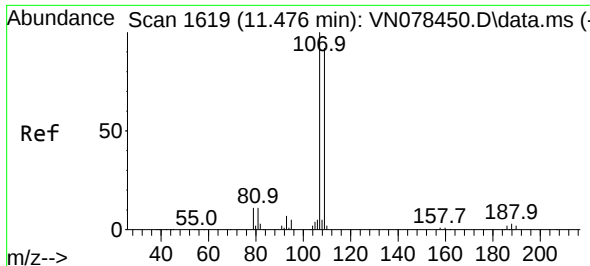
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 19.806 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

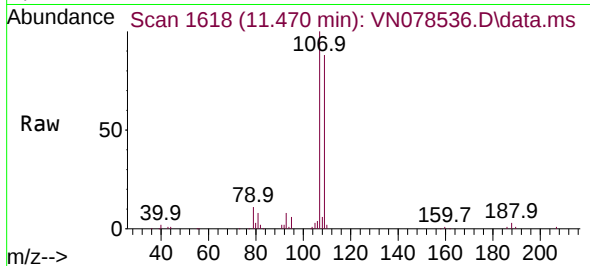
Tgt Ion:129 Resp: 126757
Ion Ratio Lower Upper
129 100
127 75.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.367 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

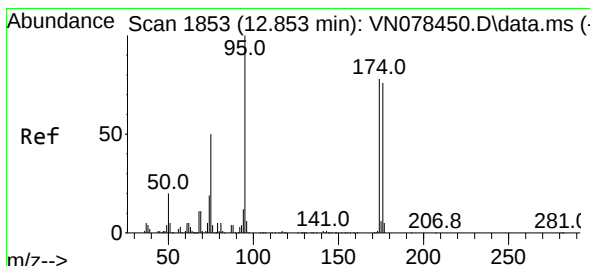
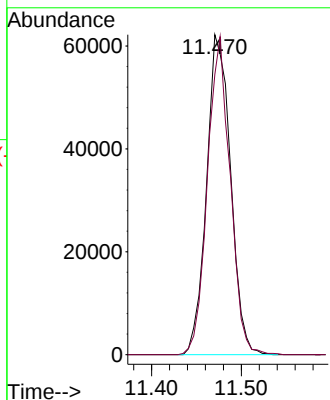
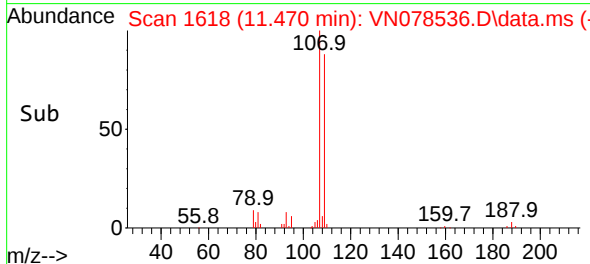
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



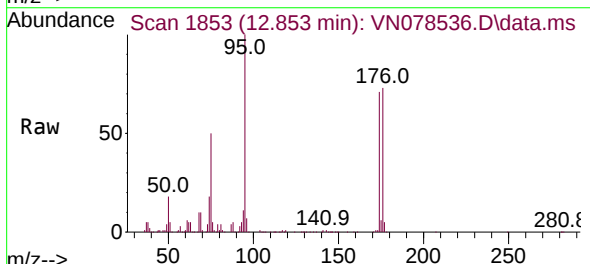
Tgt Ion:107 Resp: 115658
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

Manual Integrations
APPROVED

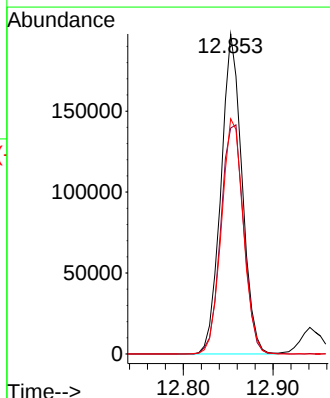
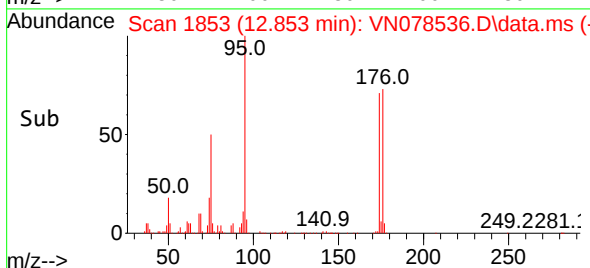
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

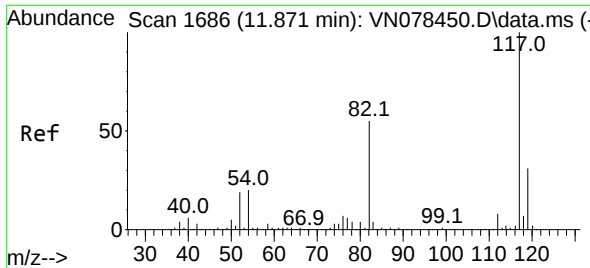


#62
4-Bromofluorobenzene
Concen: 49.903 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56



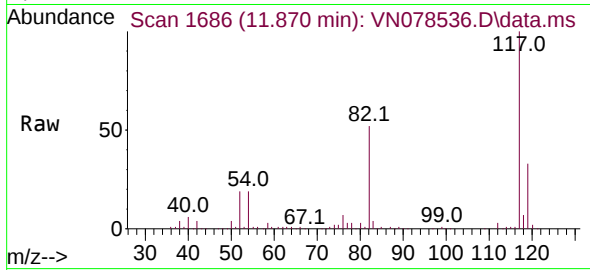
Tgt Ion: 95 Resp: 322260
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 76.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

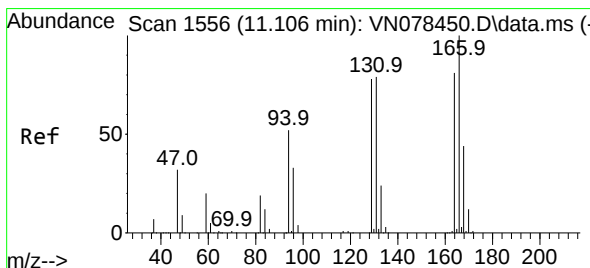
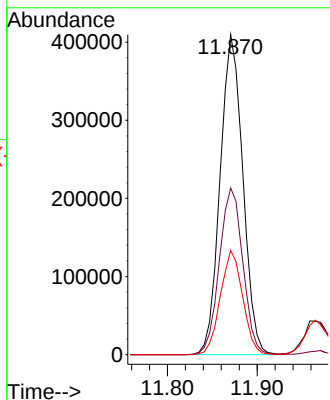
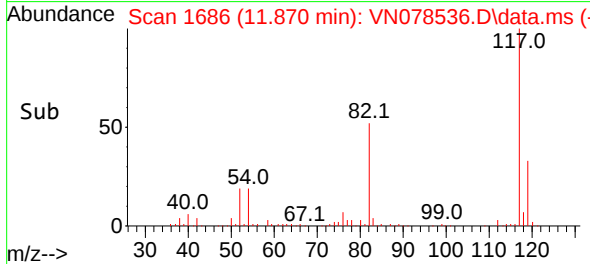
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion:117 Resp: 720760
Ion Ratio Lower Upper
117 100
82 52.1 44.0 66.0
119 32.6 25.6 38.4

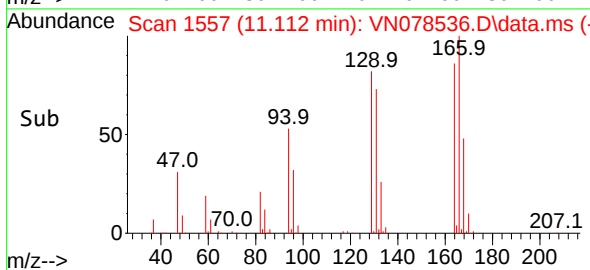
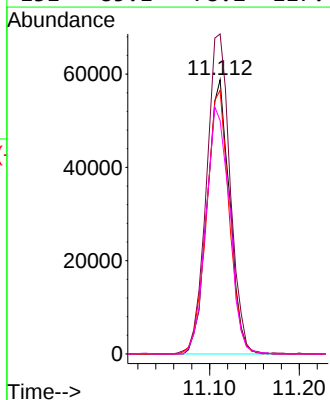
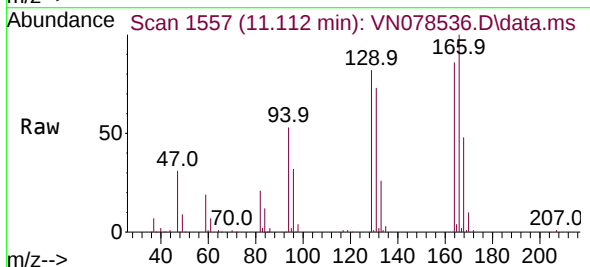
Manual Integrations
APPROVED

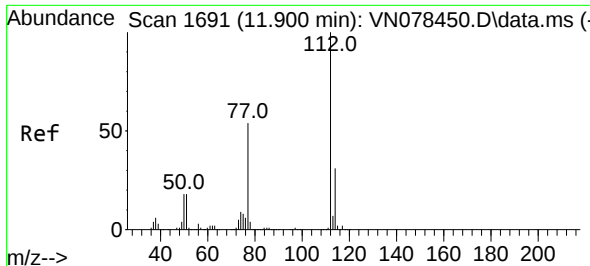
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 18.859 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

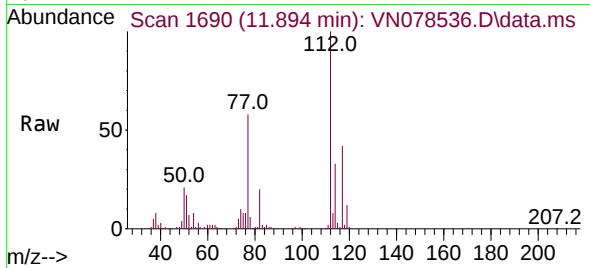
Tgt Ion:164 Resp: 102196
Ion Ratio Lower Upper
164 100
166 116.4 101.4 152.0
129 96.1 82.4 123.6
131 85.1 78.2 117.4





#65
Chlorobenzene
Concen: 18.289 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. -0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

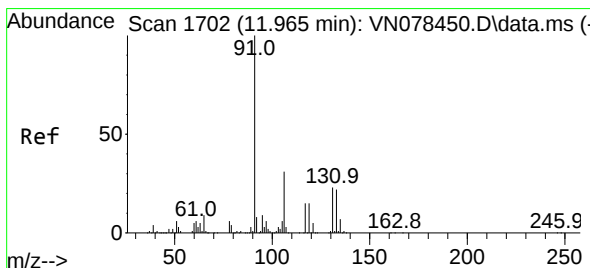
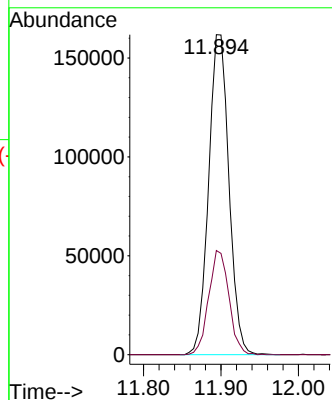
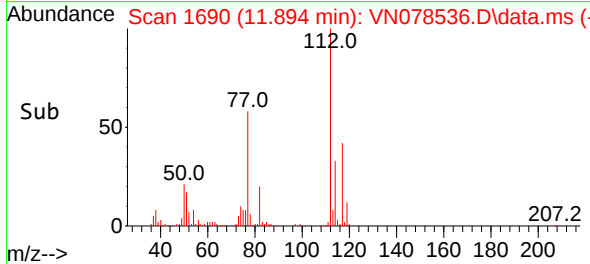
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion:112 Resp: 29465
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4

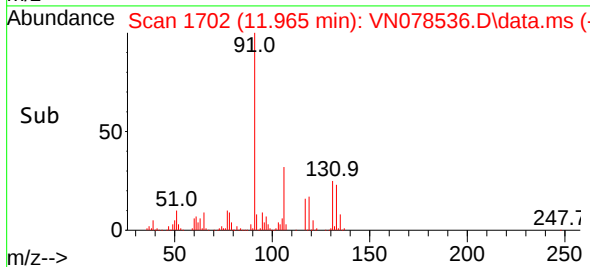
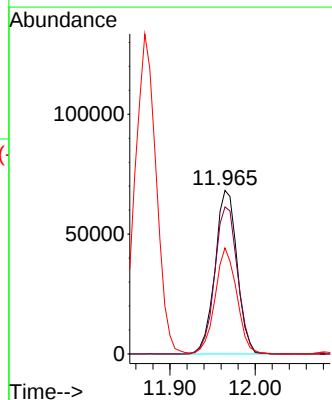
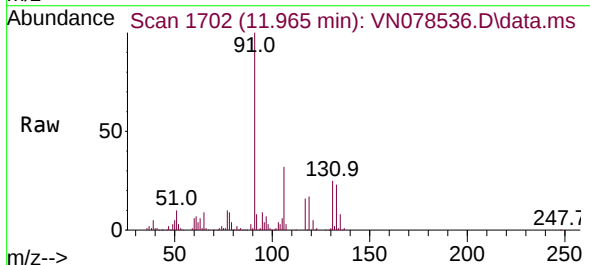
Manual Integrations
APPROVED

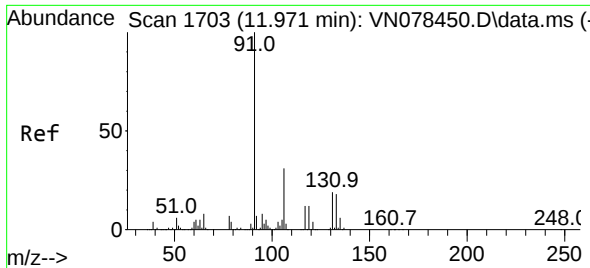
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.851 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

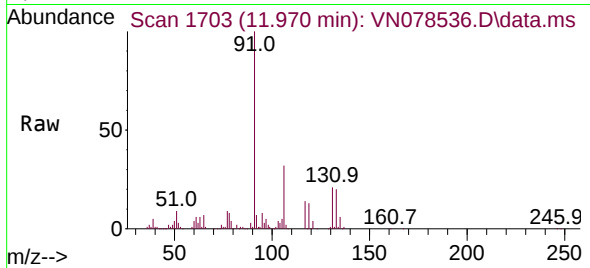
Tgt Ion:131 Resp: 123030
Ion Ratio Lower Upper
131 100
133 92.5 46.4 139.1
119 63.6 34.1 102.2





#67
Ethyl Benzene
Concen: 18.940 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

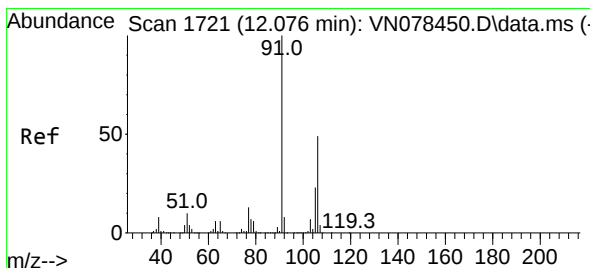
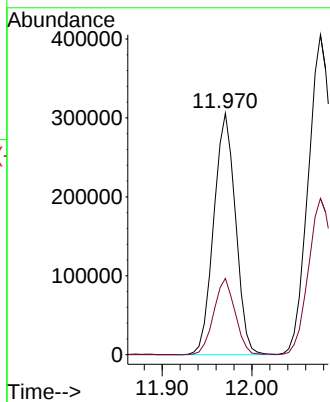
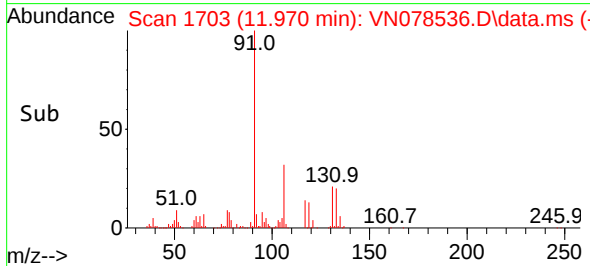
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion: 91 Resp: 515790
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

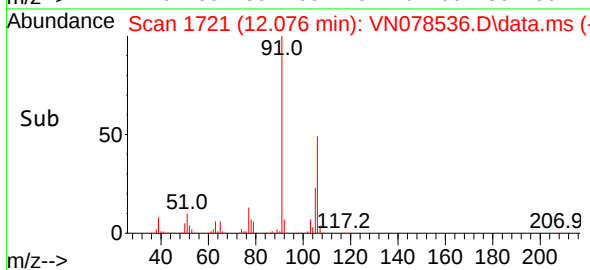
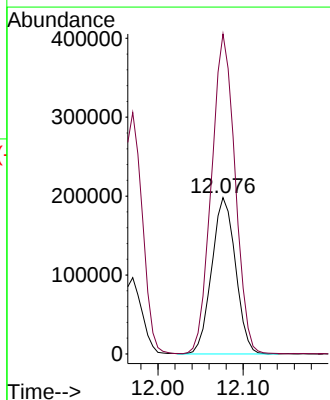
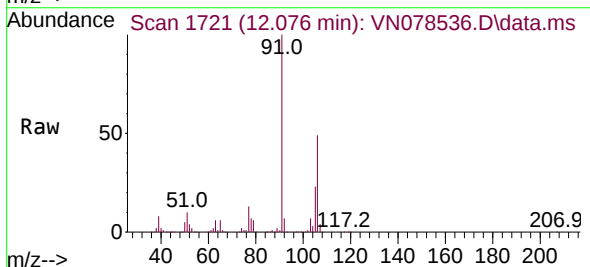
Manual Integrations
APPROVED

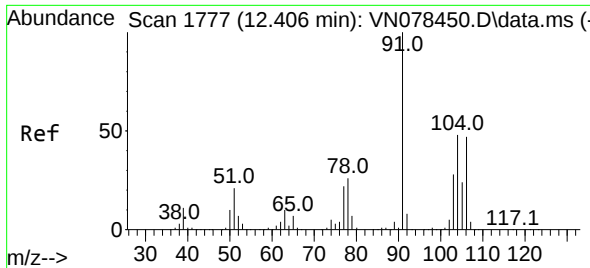
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#68
m/p-Xylenes
Concen: 38.180 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion:106 Resp: 384427
Ion Ratio Lower Upper
106 100
91 203.1 159.6 239.4





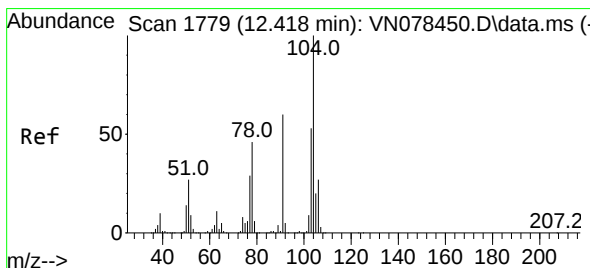
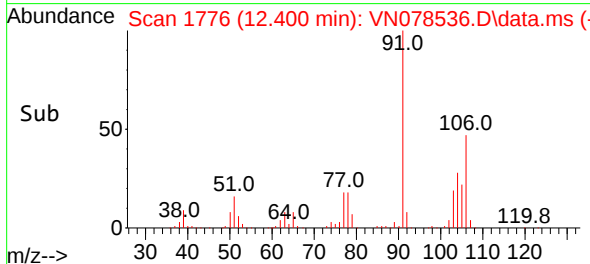
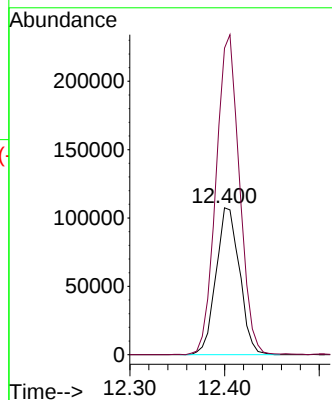
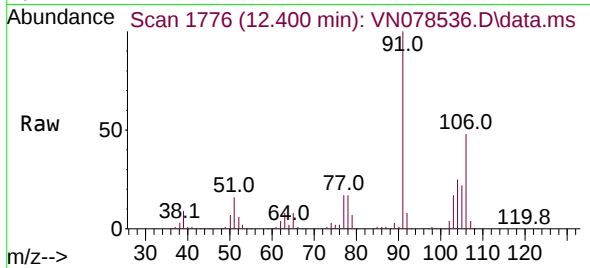
#69
o-Xylene
Concen: 18.275 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion:106 Resp: 185852
Ion Ratio Lower Upper
106 100
91 217.1 105.2 315.5

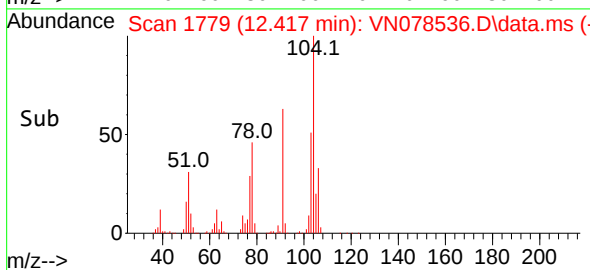
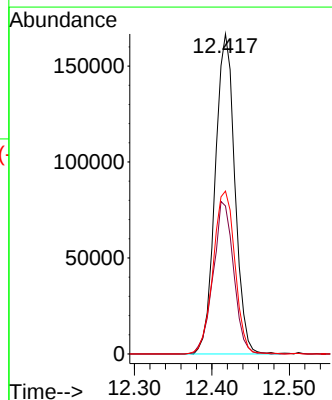
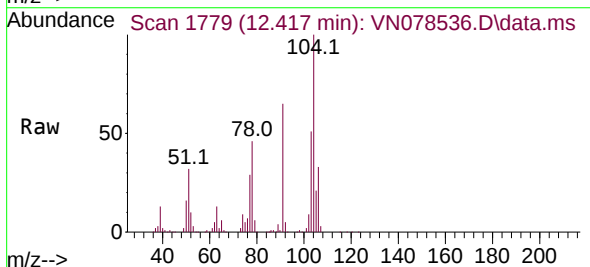
Manual Integrations
APPROVED

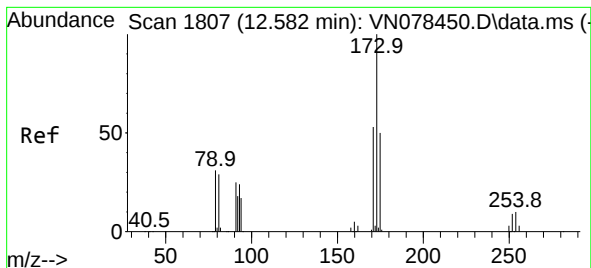
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 18.436 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion:104 Resp: 293331
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 56.5 43.2 64.8





#71

Bromoform

Concen: 19.590 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078536.D

Acq: 17 Jul 2023 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBS01

Tgt Ion:173 Resp: 82228

Ion Ratio Lower Upper

173 100

175 47.3 24.3 73.0

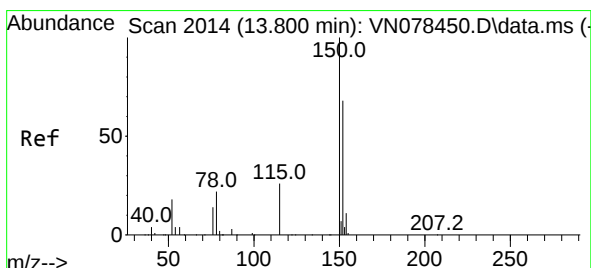
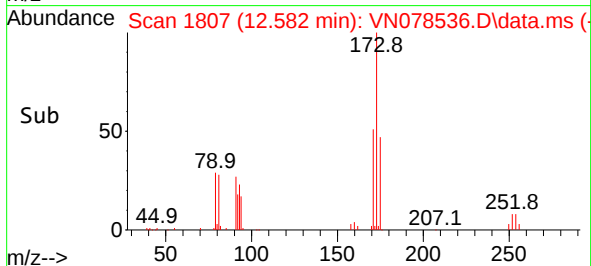
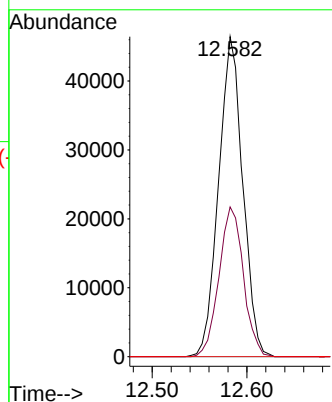
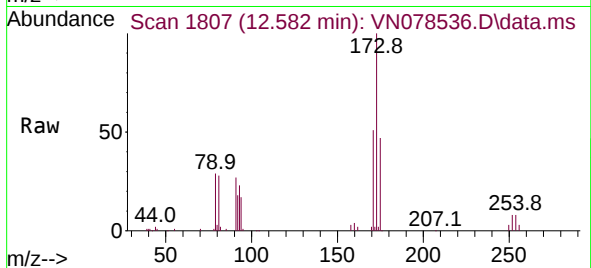
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078536.D

Acq: 17 Jul 2023 11:56

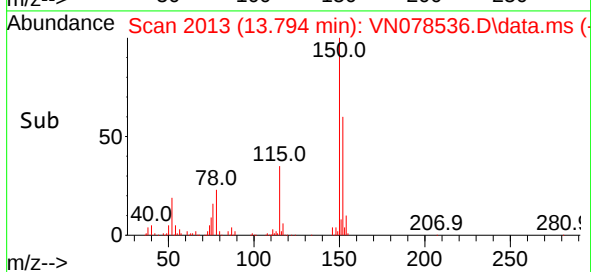
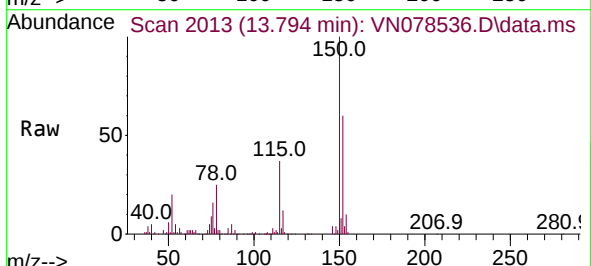
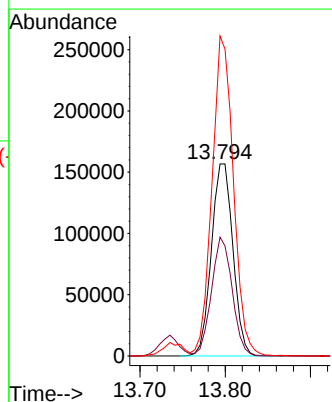
Tgt Ion:152 Resp: 275068

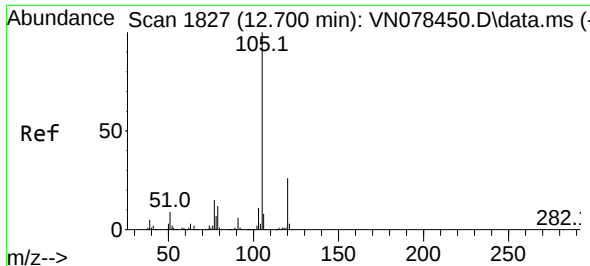
Ion Ratio Lower Upper

152 100

115 59.5 32.3 96.8

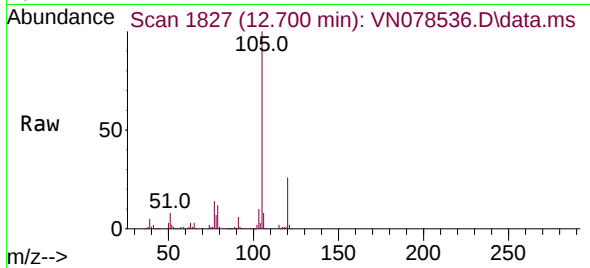
150 165.5 0.0 355.8





#73
Isopropylbenzene
Concen: 18.362 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

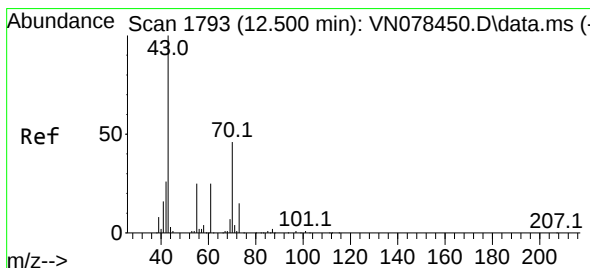
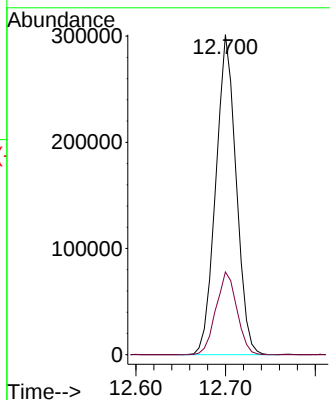
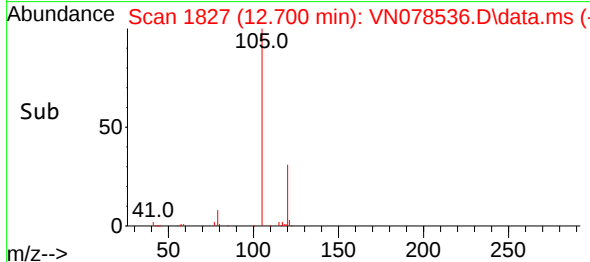
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion:105 Resp: 47458
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

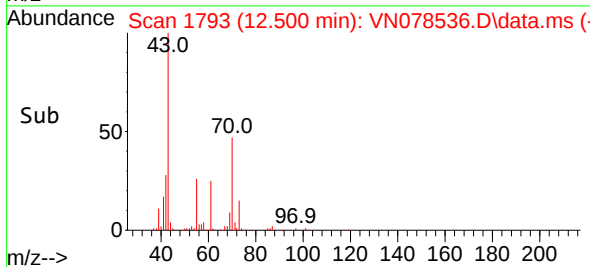
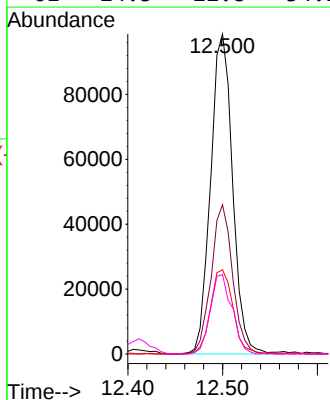
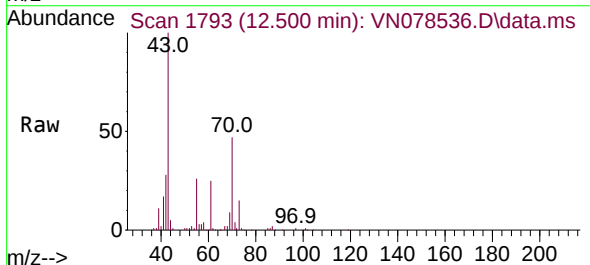
Manual Integrations
APPROVED

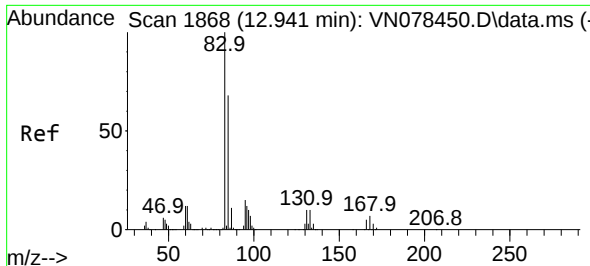
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#74
N-ethyl acetate
Concen: 17.872 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

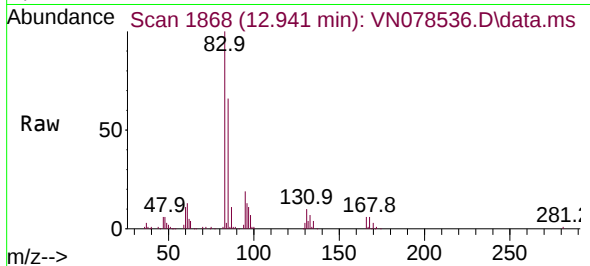
Tgt Ion: 43 Resp: 159193
Ion Ratio Lower Upper
43 100
70 45.5 43.4 65.2
55 27.0 21.4 32.0
61 24.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.408 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

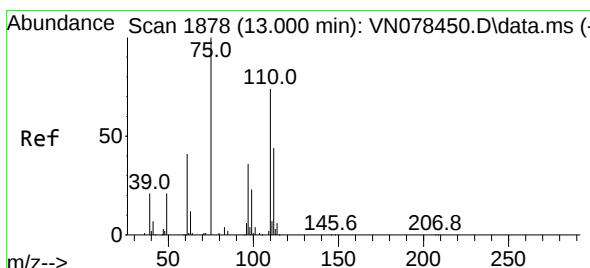
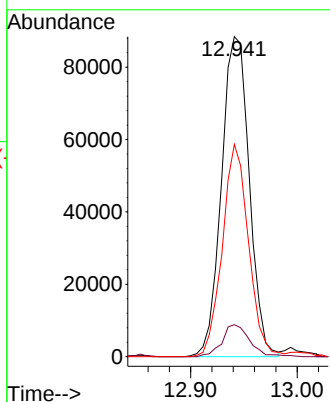
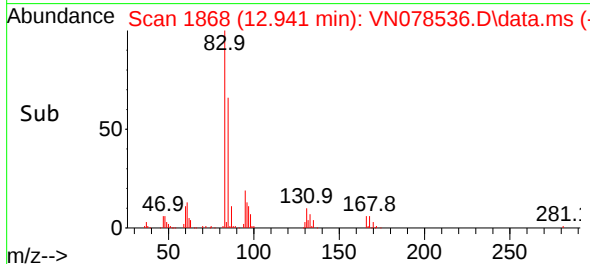
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



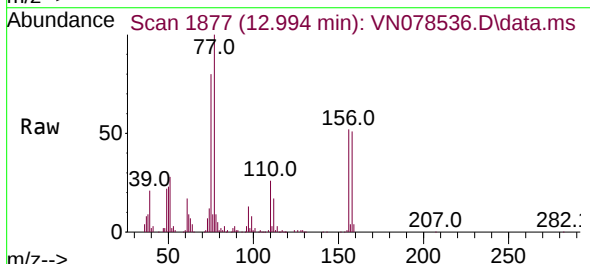
Tgt Ion: 83 Resp: 160562
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 62.3 31.9 95.7

Manual Integrations
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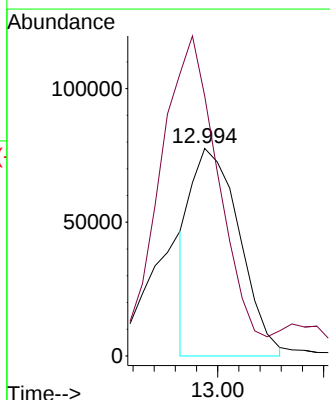
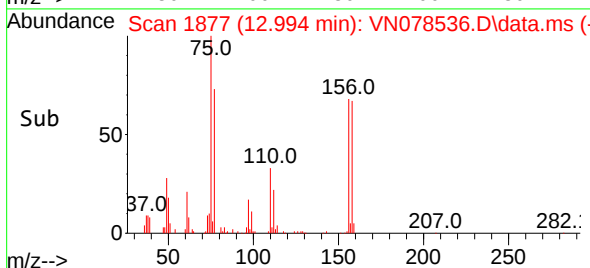
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

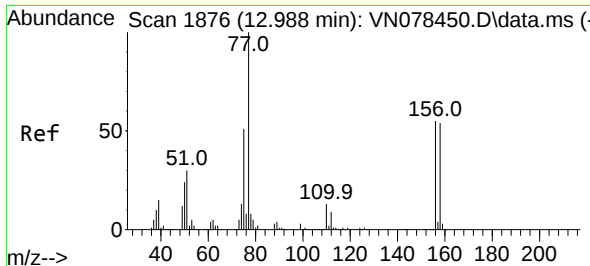


#76
1,2,3-Trichloropropane
Concen: 18.653 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56



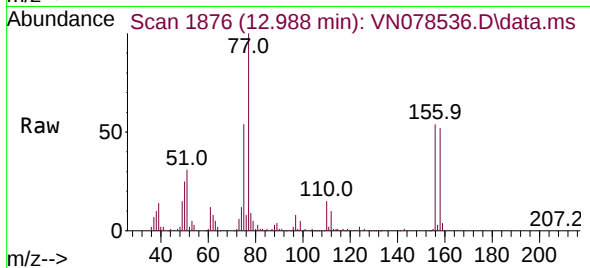
Tgt Ion: 75 Resp: 124018
Ion Ratio Lower Upper
75 100
77 189.0 84.5 253.5





#77
Bromobenzene
Concen: 19.383 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

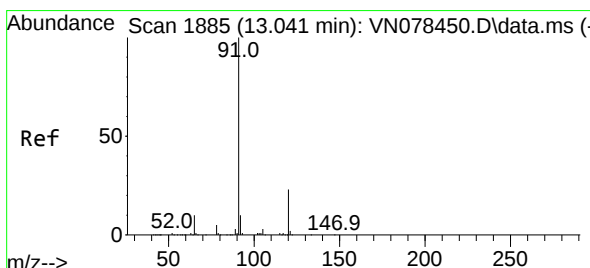
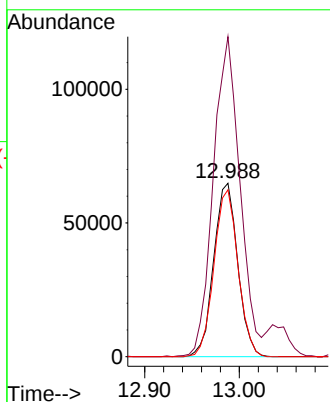
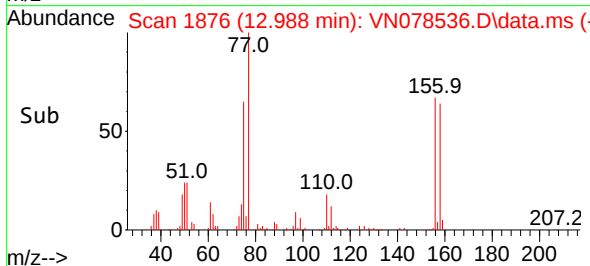
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



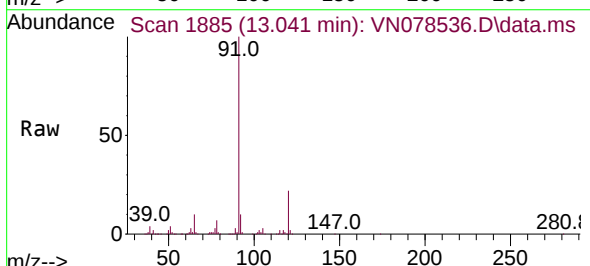
Tgt Ion:156 Resp: 11426
Ion Ratio Lower Upper
156 100
77 205.2 107.7 323.3
158 96.0 48.4 145.3

Manual Integrations
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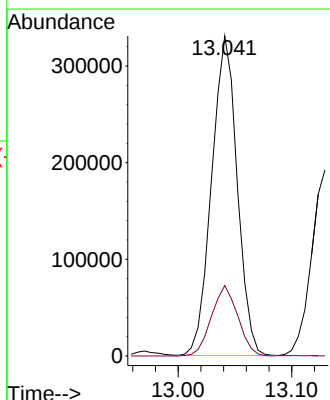
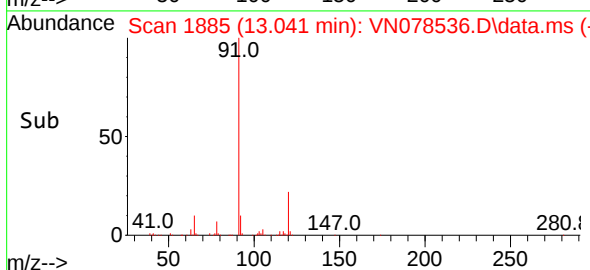
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

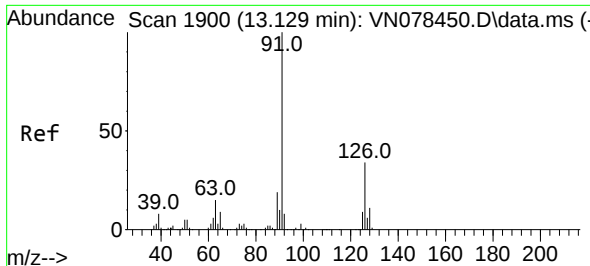


#78
n-propylbenzene
Concen: 18.691 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56



Tgt Ion: 91 Resp: 516642
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





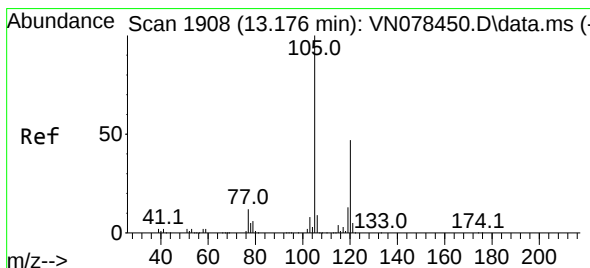
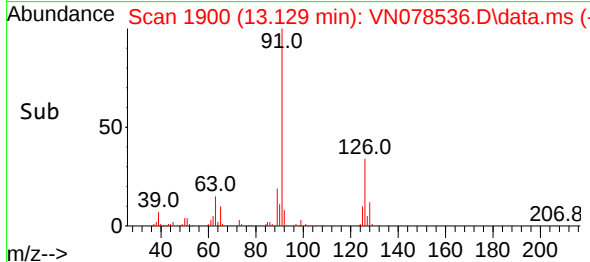
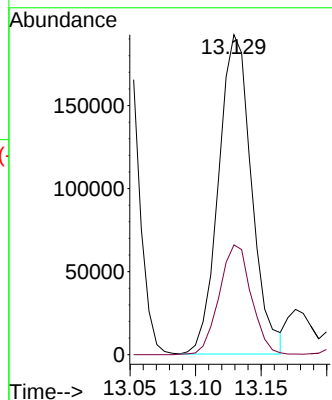
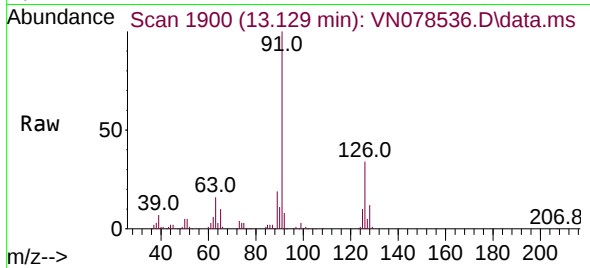
#79
2-Chlorotoluene
Concen: 18.621 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion: 91 Resp: 33713
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

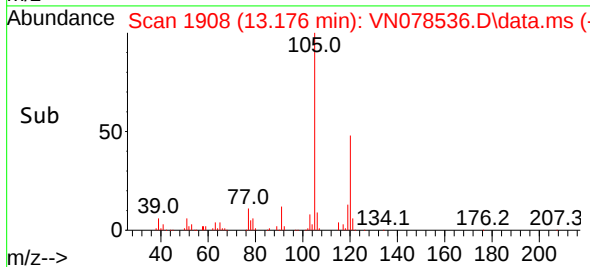
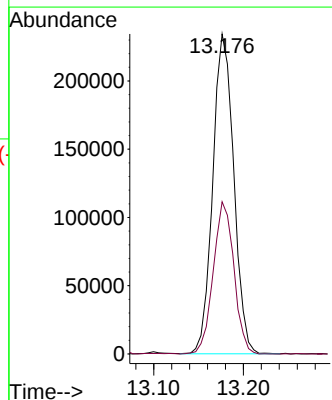
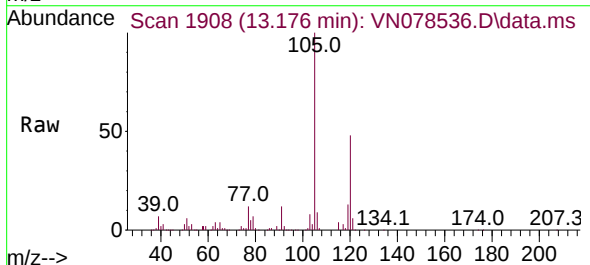
Manual Integrations
APPROVED

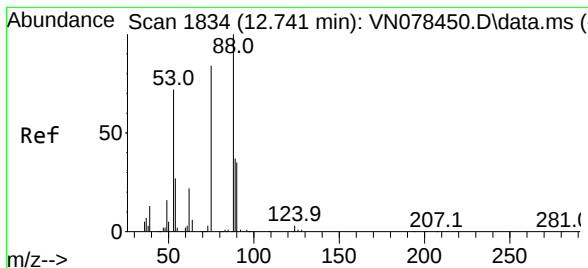
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.631 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

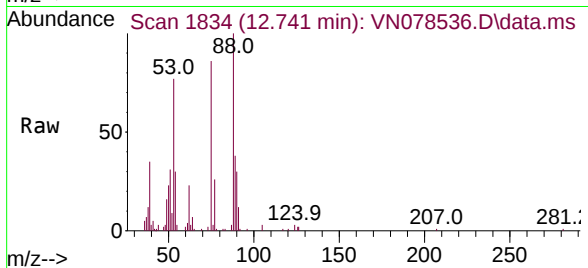
Tgt Ion:105 Resp: 380479
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.348 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

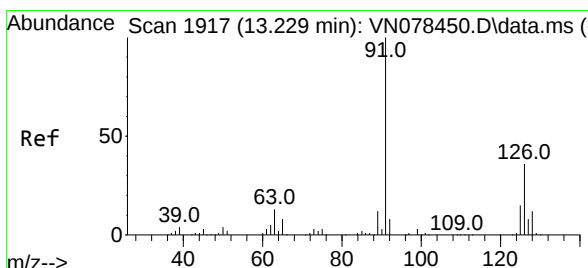
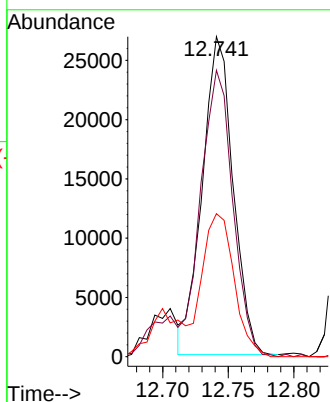
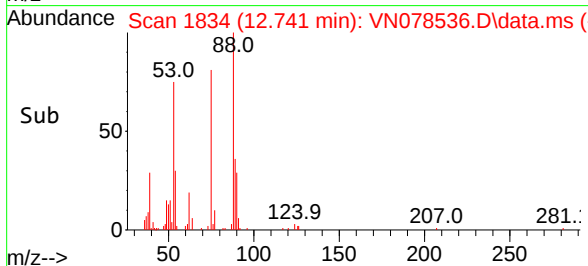
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



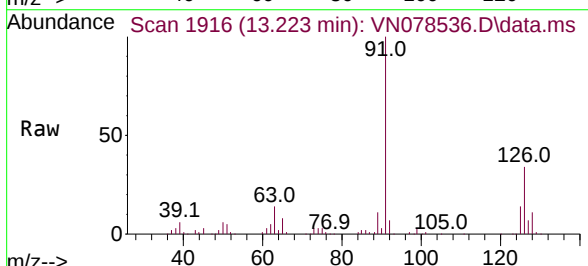
Tgt Ion: 75 Resp: 4389
Ion Ratio Lower Upper
75 100
53 106.4 67.4 101.2
89 46.8 38.8 58.2

Manual Integrations
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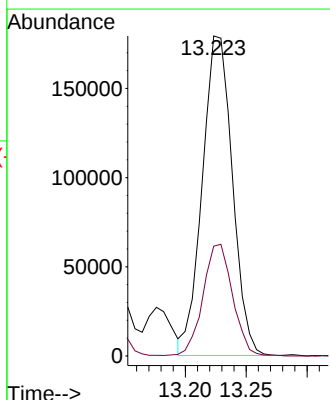
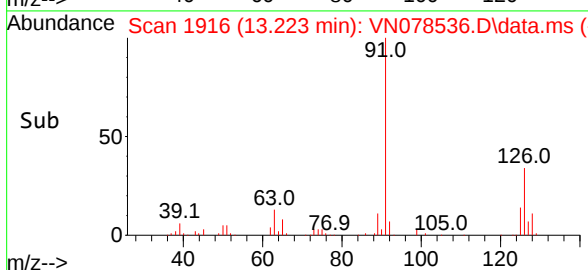
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

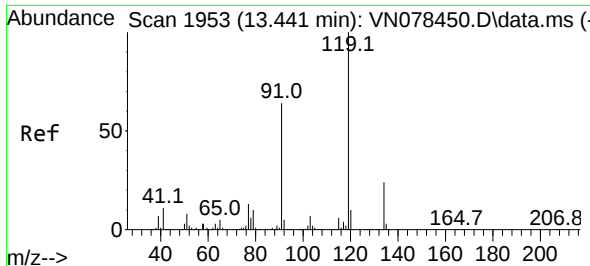


#82
4-Chlorotoluene
Concen: 18.223 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56



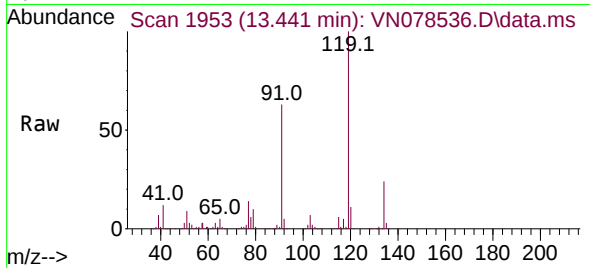
Tgt Ion: 91 Resp: 307791
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.525 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

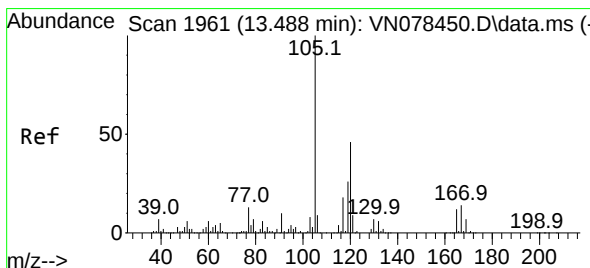
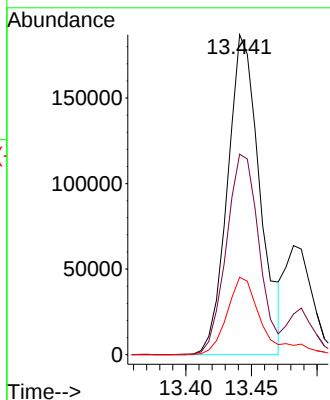
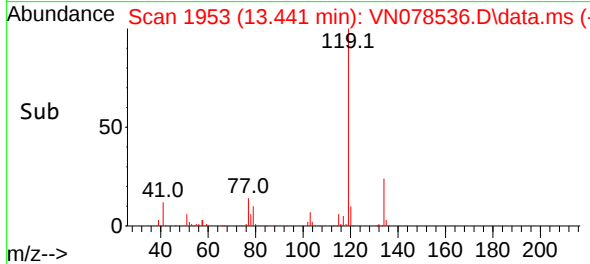
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



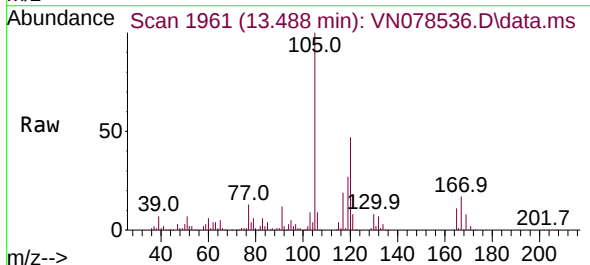
Tgt Ion:119 Resp: 321198
Ion Ratio Lower Upper
119 100
91 63.4 33.9 101.7
134 26.3 13.2 39.6

Manual Integrations
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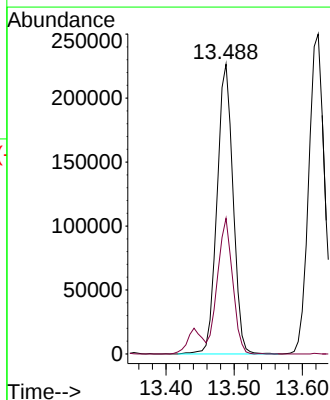
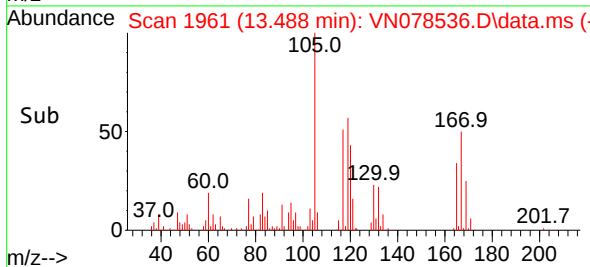
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

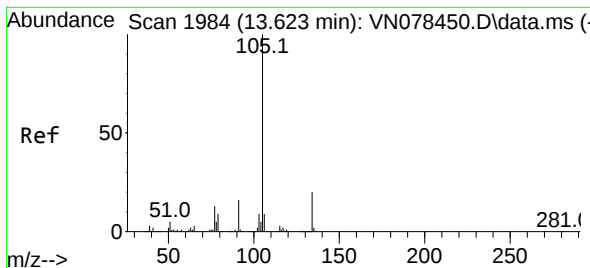


#84
1,2,4-Trimethylbenzene
Concen: 18.658 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56



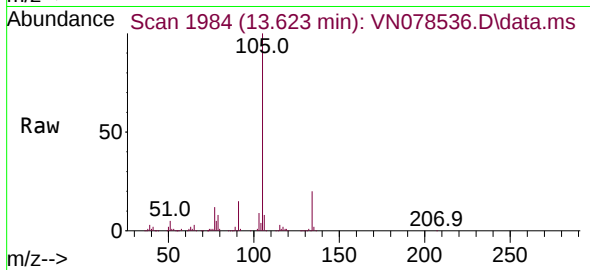
Tgt Ion:105 Resp: 370107
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.454 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078536.D
 Acq: 17 Jul 2023 11:56

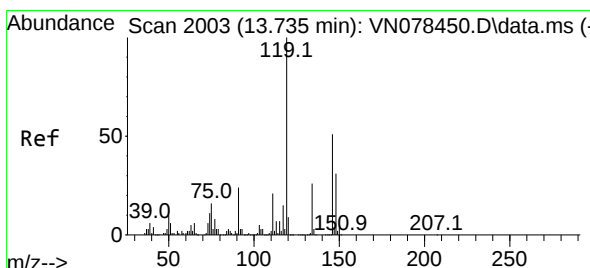
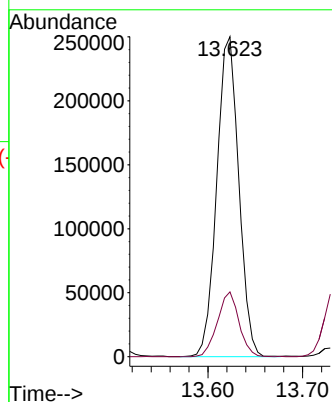
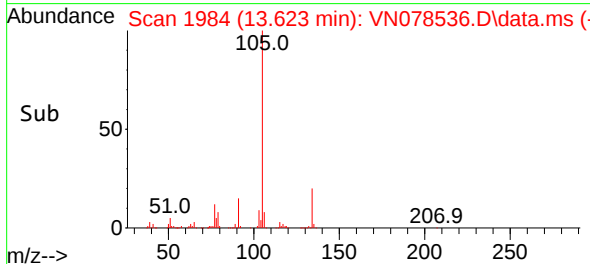
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBS01



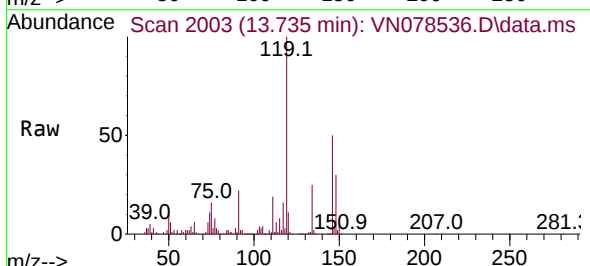
Tgt Ion:105 Resp: 404423
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
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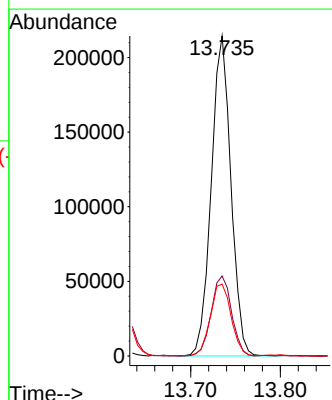
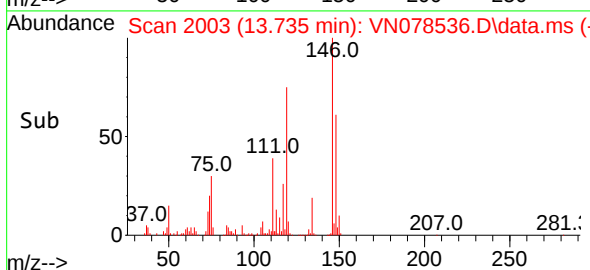
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

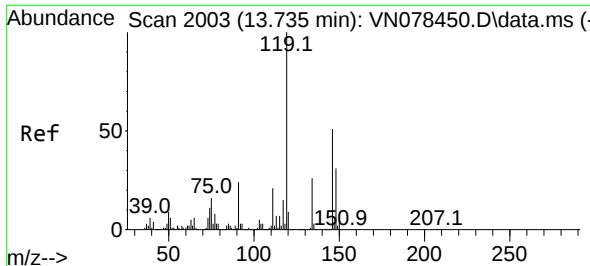


#86
 p-Isopropyltoluene
 Concen: 18.548 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078536.D
 Acq: 17 Jul 2023 11:56



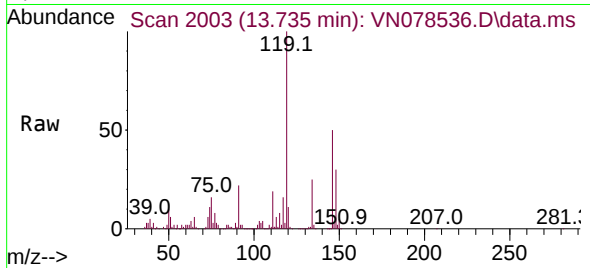
Tgt Ion:119 Resp: 326399
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 23.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.147 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

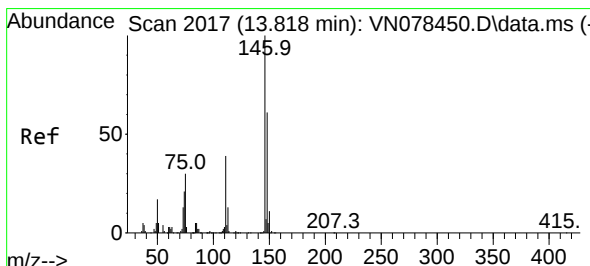
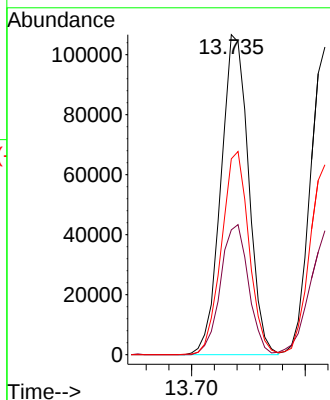
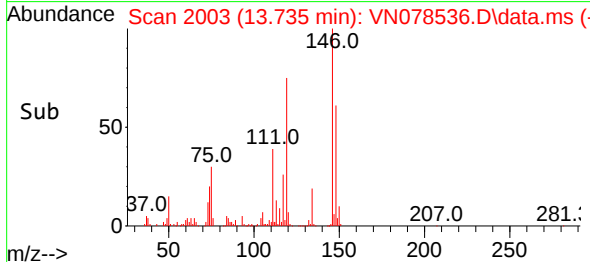
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



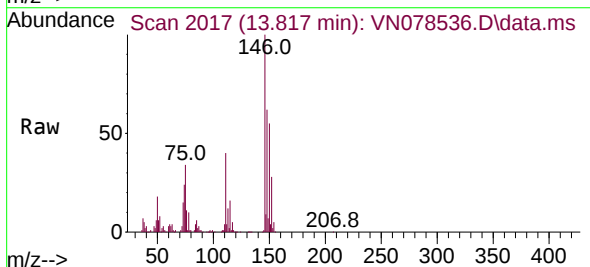
Tgt Ion:146 Resp: 180060
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.3
148 63.1 32.0 96.0

Manual Integrations
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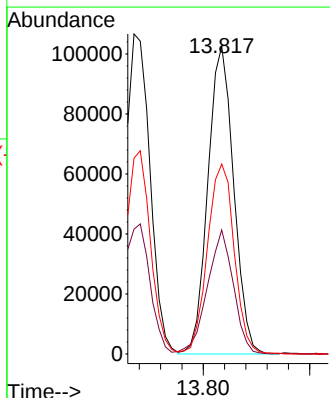
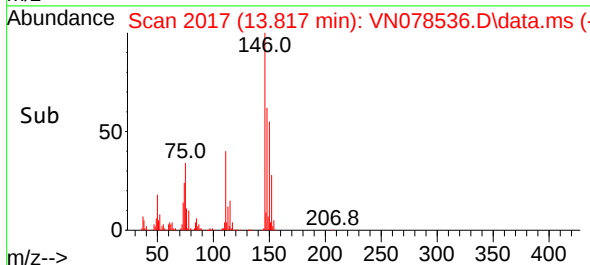
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

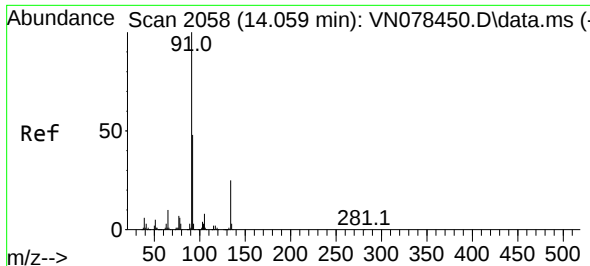


#88
1,4-Dichlorobenzene
Concen: 17.270 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56



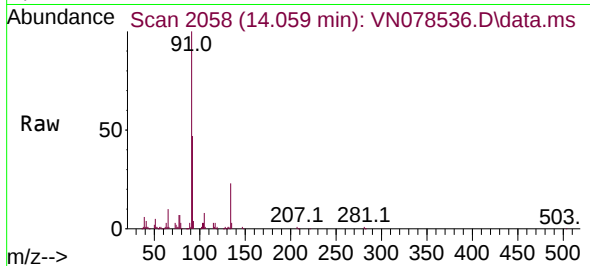
Tgt Ion:146 Resp: 172599
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 64.1 31.6 94.8





#89
n-Butylbenzene
Concen: 18.810 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

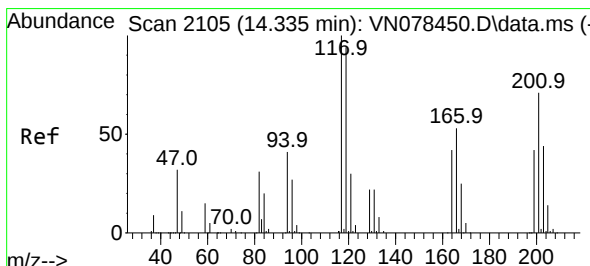
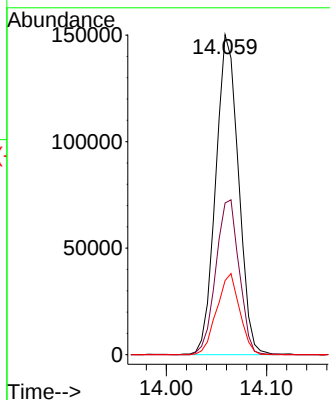
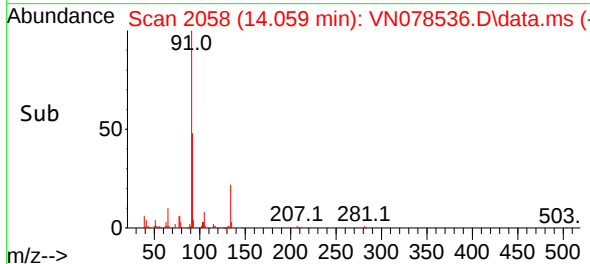
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion: 91 Resp: 23683
Ion Ratio Lower Upper
91 100
92 49.6 26.4 79.0
134 25.5 12.6 37.6

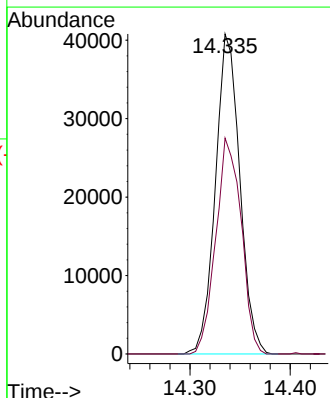
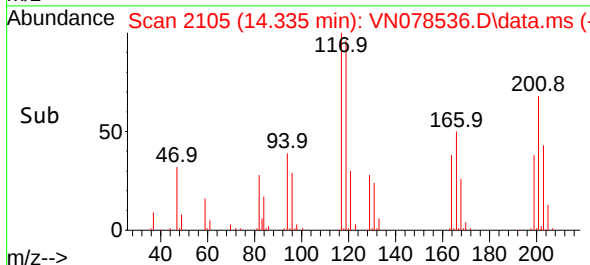
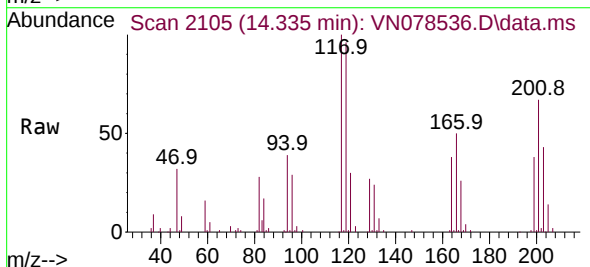
Manual Integrations
APPROVED

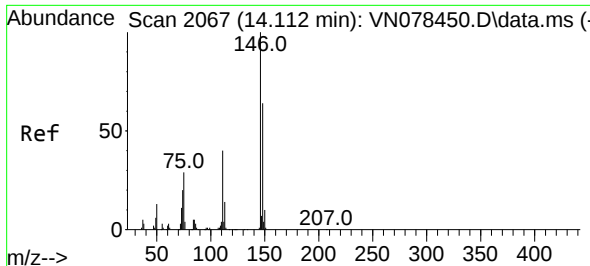
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#90
Hexachloroethane
Concen: 20.812 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion:117 Resp: 68854
Ion Ratio Lower Upper
117 100
201 70.2 29.3 88.0





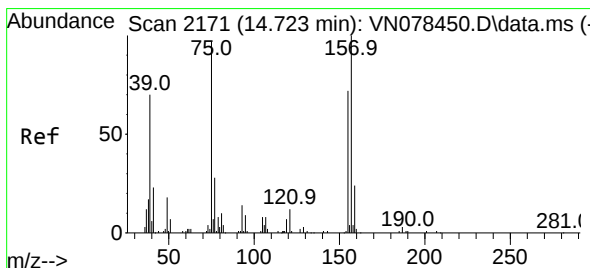
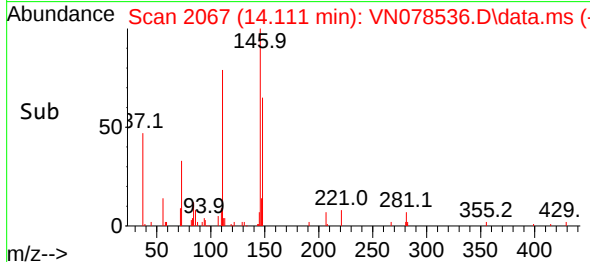
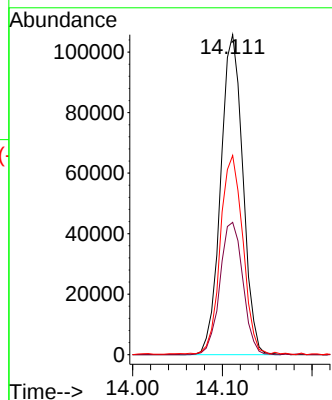
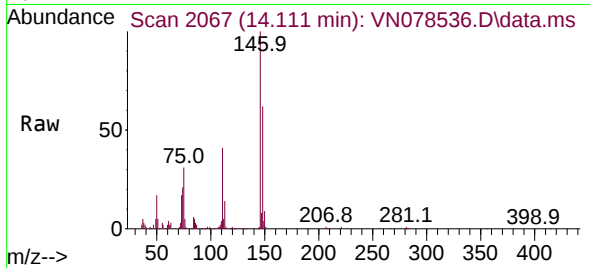
#91
1,2-Dichlorobenzene
Concen: 18.392 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion:146 Resp: 18161
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 64.0 31.8 95.3

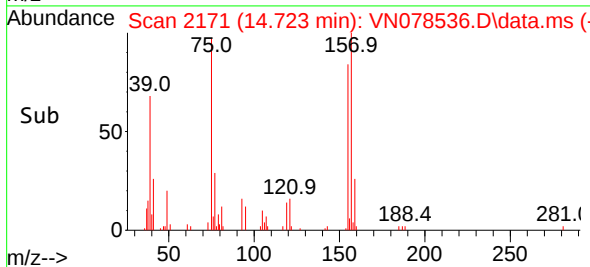
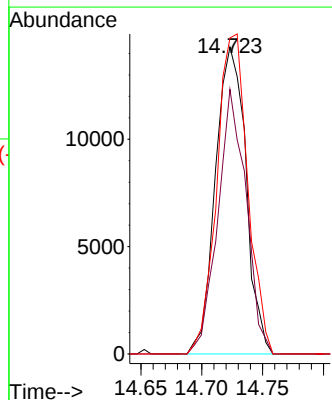
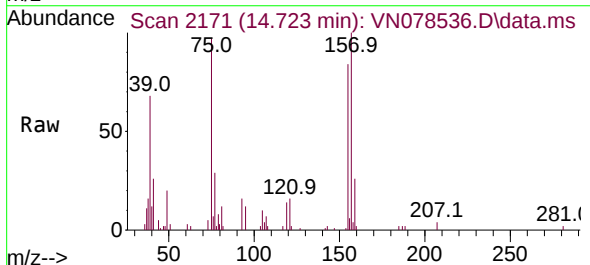
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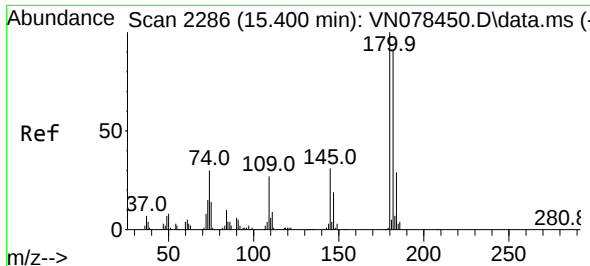
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.903 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion: 75 Resp: 24868
Ion Ratio Lower Upper
75 100
155 80.0 39.1 117.2
157 106.1 50.3 150.9





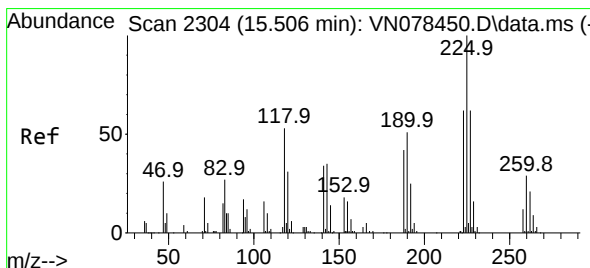
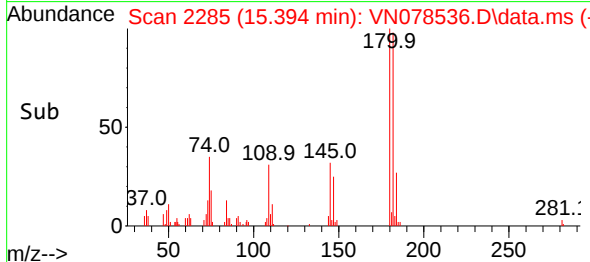
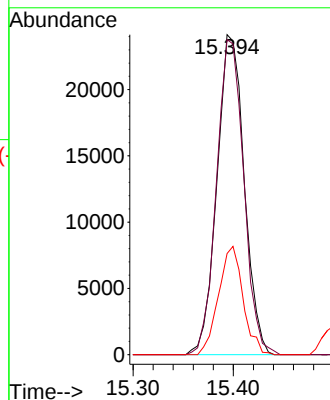
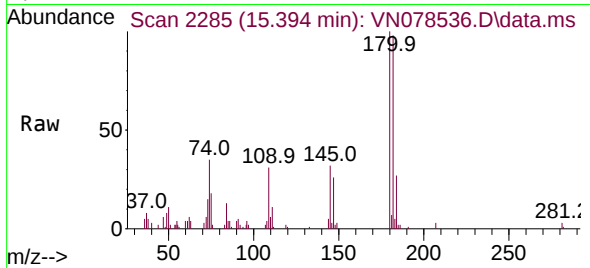
#93
1,2,4-Trichlorobenzene
Concen: 14.475 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01

Tgt Ion:180 Resp: 4561
Ion Ratio Lower Upper
180 100
182 98.1 46.1 138.2
145 30.5 16.6 49.8

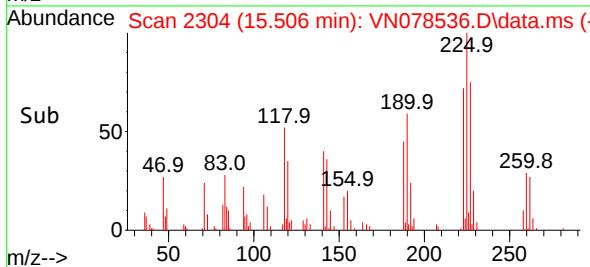
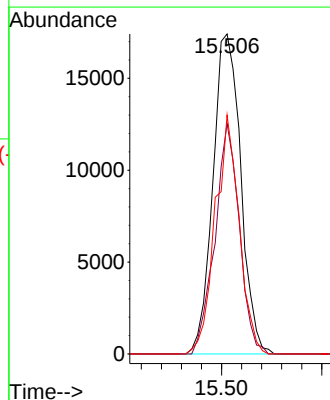
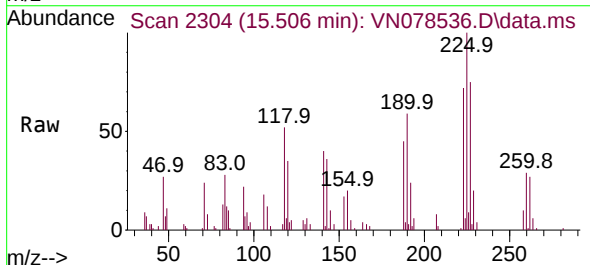
Manual Integrations
APPROVED

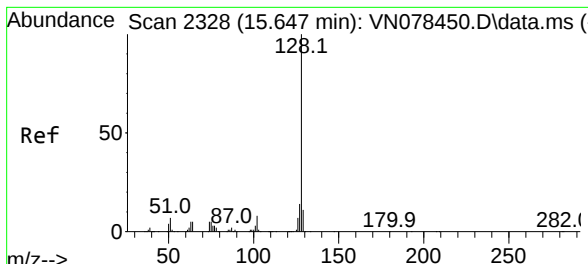
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#94
Hexachlorobutadiene
Concen: 17.899 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

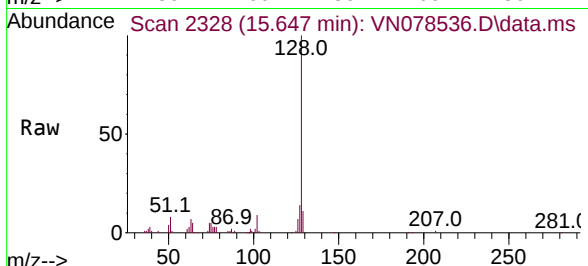
Tgt Ion:225 Resp: 33513
Ion Ratio Lower Upper
225 100
223 63.2 31.3 93.8
227 64.6 31.9 95.9





#95
Naphthalene
Concen: 12.264 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

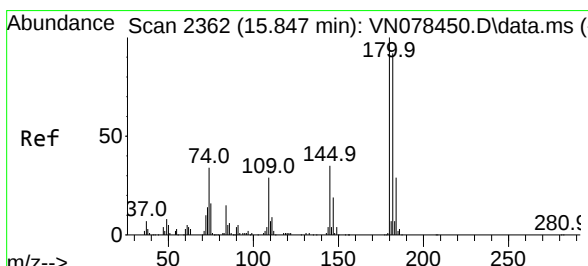
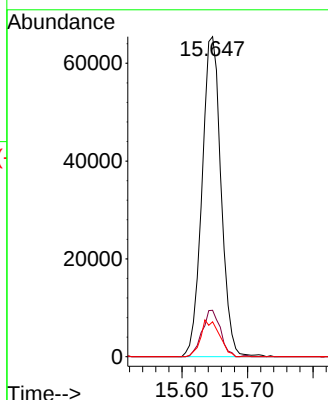
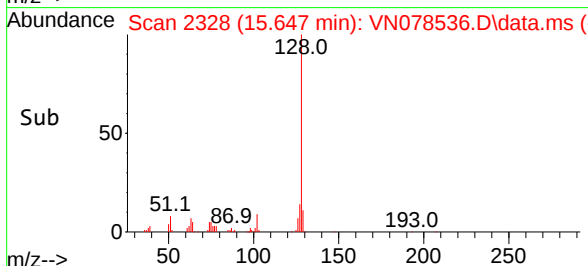
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBS01



Tgt Ion:128 Resp: 13213
Ion Ratio Lower Upper
128 100
127 13.9 10.0 15.0
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.592 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078536.D
Acq: 17 Jul 2023 11:56

Tgt Ion:180 Resp: 56501
Ion Ratio Lower Upper
180 100
182 92.6 46.2 138.6
145 32.8 17.5 52.6

