

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077409.D
 Acq On : 20 Apr 2023 18:47
 Operator : JC\MD
 Sample : 02386-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPA-3WC-23-04

Quant Time: Apr 21 02:41:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.237	168	622790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1183805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	1082162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	472958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	396969	46.637	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.280%		
35) Dibromofluoromethane	8.172	113	356238	47.007	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.020%		
50) Toluene-d8	10.572	98	1442997	47.299	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.600%		
62) 4-Bromofluorobenzene	12.854	95	518516	51.103	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.200%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.525	62	2840	0.213	ug/l #	60
11) Tert butyl alcohol	5.513	59	4598	2.647	ug/l #	90
13) Acrolein	4.178	56	332	0.202	ug/l #	1
16) Acetone	4.431	43	95543	30.444	ug/l	90
17) Carbon Disulfide	4.719	76	4944	0.251	ug/l #	75
18) Methyl Acetate	5.043	43	9729	0.814	ug/l	98
20) Methylene Chloride	5.290	84	20216	2.281	ug/l	91
25) 2-Butanone	7.495	43	25304	4.968	ug/l	92
26) 2,2-Dichloropropane	7.431	77	8787	0.672	ug/l #	51
27) cis-1,2-Dichloroethene	7.495	96	14121	1.448	ug/l	95
31) Cyclohexane	8.231	56	27680	2.093	ug/l #	29
36) 1,1-Dichloropropene	8.225	75	50697	4.523	ug/l #	51
37) Ethyl Acetate	7.572	43	84545	8.431	ug/l	97
38) Carbon Tetrachloride	8.231	117	68382	5.955	ug/l #	15
39) Methylcyclohexane	9.601	83	36524	2.417	ug/l #	82
40) Benzene	8.613	78	5256597	150.358	ug/l	99
42) 1,2-Dichloroethane	8.684	62	3257	0.303	ug/l	77
43) Isopropyl Acetate	8.689	43	388053	20.971	ug/l #	92
44) Trichloroethene	9.360	130	1909	0.228	ug/l	91
48) Methyl methacrylate	9.748	41	262704	33.280	ug/l #	32
49) 1,4-Dioxane	9.719	88	87	0.455	ug/l #	28
51) 4-Methyl-2-Pentanone	10.448	43	35458	3.315	ug/l #	79
52) Toluene	10.636	92	5077696	221.897	ug/l	100
53) t-1,3-Dichloropropene	10.736	75	2928	0.216	ug/l #	83
54) cis-1,3-Dichloropropene	10.360	75	152799	10.565	ug/l #	62
55) 1,1,2-Trichloroethane	11.007	97	6498	0.723	ug/l #	22
57) 1,3-Dichloropropane	11.207	76	17991	1.212	ug/l #	42
59) 2-Hexanone	11.172	43	310494	38.965	ug/l #	20
65) Chlorobenzene	11.895	112	4389787	184.251	ug/l	97
67) Ethyl Benzene	11.966	91	14992229	341.006	ug/l	93
68) m/p-Xylenes	12.072	106	11348711	656.957	ug/l	79
69) o-Xylene	12.401	106	3509358	205.925	ug/l	100
70) Styrene	12.401	104	232522	8.479	ug/l #	1
71) Bromoform	12.848	173	2745	0.433	ug/l #	1
73) Isopropylbenzene	12.701	105	507361	11.044	ug/l	99
76) 1,2,3-Trichloropropane	13.101	75	20113	1.786	ug/l #	1

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

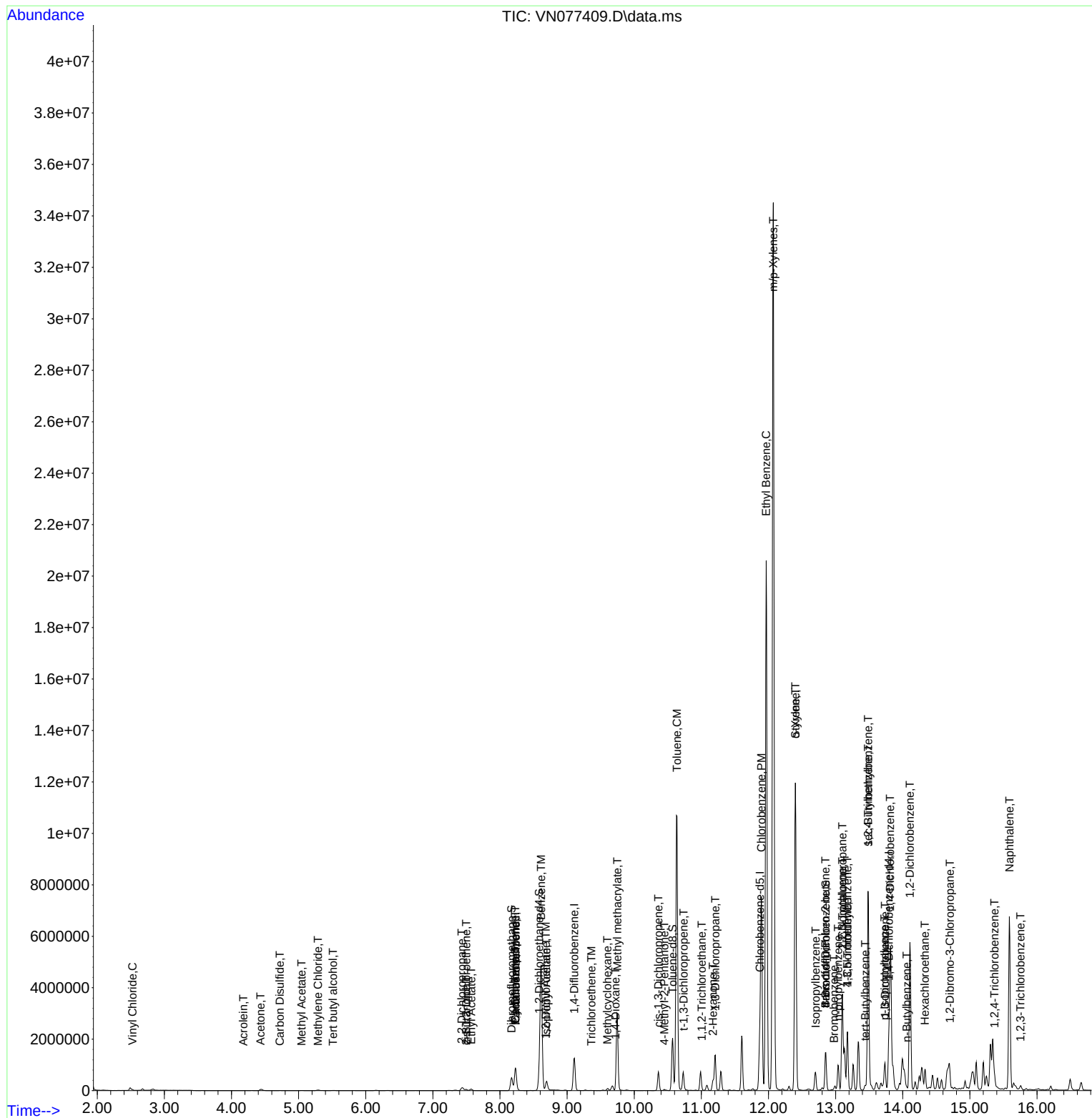
77) Bromobenzene	12.977	156	2817	0.302	ug/l #	1
78) n-propylbenzene	13.036	91	787845	15.522	ug/l	98
79) 2-Chlorotoluene	13.101	91	317189	10.378	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.177	105	1249782	34.062	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.848	75	280737	56.094	ug/l #	13
82) 4-Chlorotoluene	13.177	91	126273	4.382	ug/l #	41
83) tert-Butylbenzene	13.442	119	72105	2.208	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	4498392	124.099	ug/l	100
85) sec-Butylbenzene	13.483	105	4498364	98.833	ug/l #	57
86) p-Isopropyltoluene	13.730	119	251465	7.030	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	267548	15.482	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	1243488	72.969	ug/l	100
89) n-Butylbenzene	14.060	91	64101	2.159	ug/l #	78
90) Hexachloroethane	14.330	117	40772	5.213	ug/l #	21
91) 1,2-Dichlorobenzene	14.107	146	2433804	140.784	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.701	75	3577	1.309	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.365	180	86018	13.784	ug/l	94
95) Naphthalene	15.589	128	2546187	108.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	15779	2.643	ug/l #	79

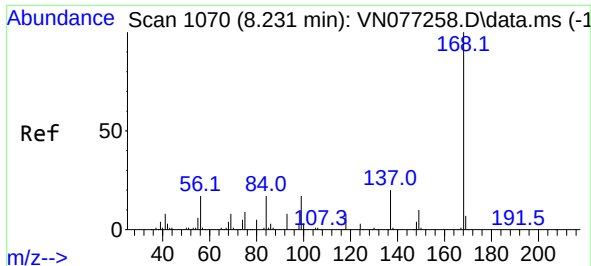
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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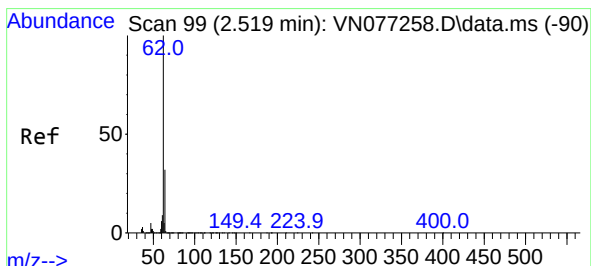
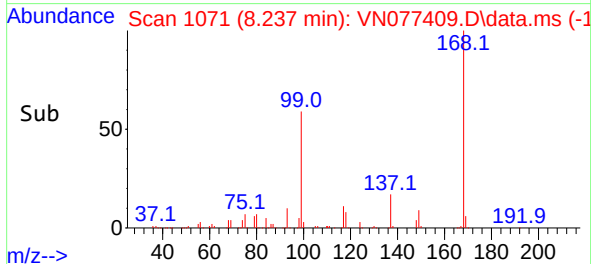
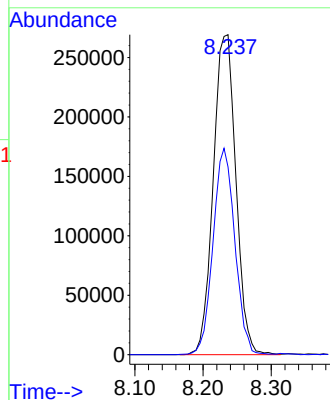
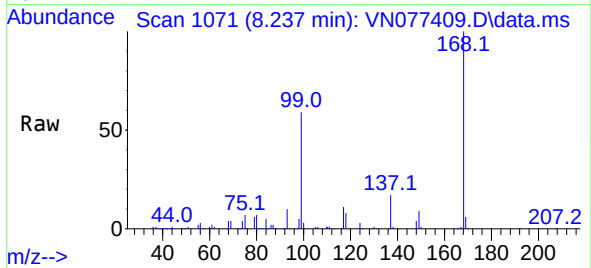




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN077409.D
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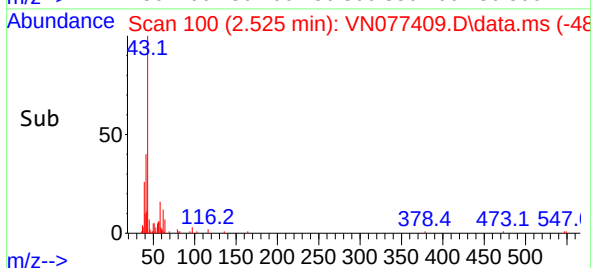
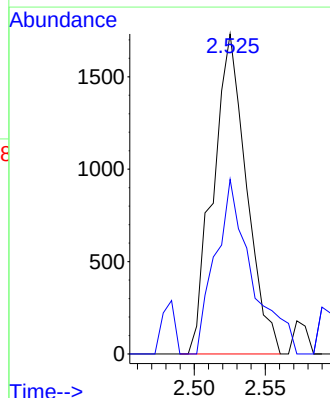
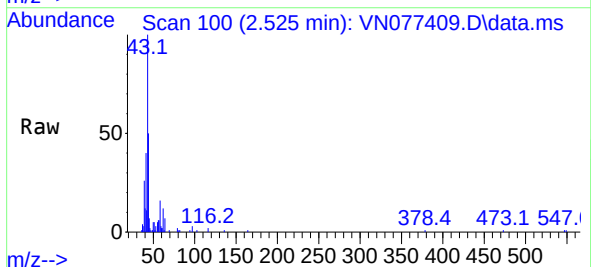
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MSVOA_N
ClientSampleId :
SPA-3WC-23-04

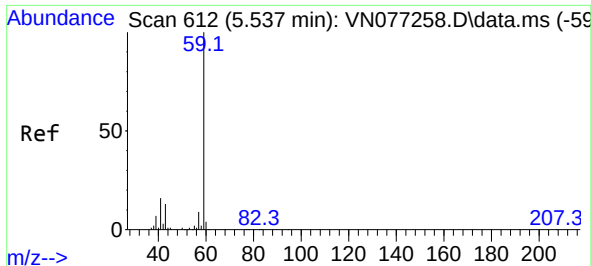
Tgt Ion:168 Resp: 622790
Ion Ratio Lower Upper
168 100
99 58.5 50.6 75.8



#4
Vinyl Chloride
Concen: 0.213 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 62 Resp: 2840
Ion Ratio Lower Upper
62 100
64 54.6 25.8 38.8#

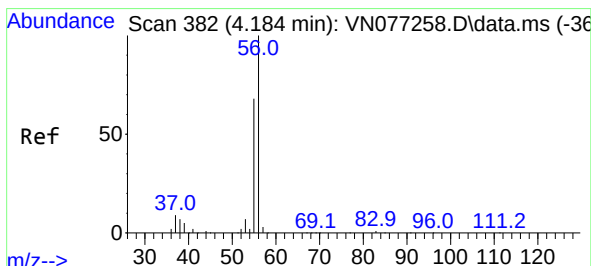
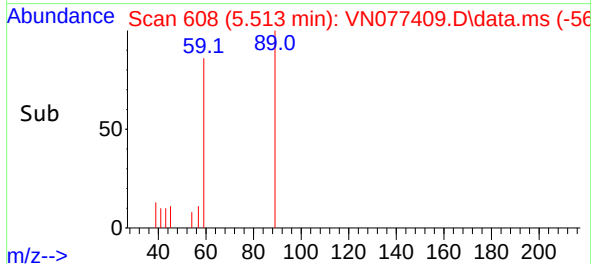
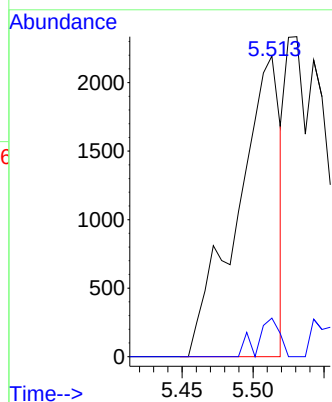
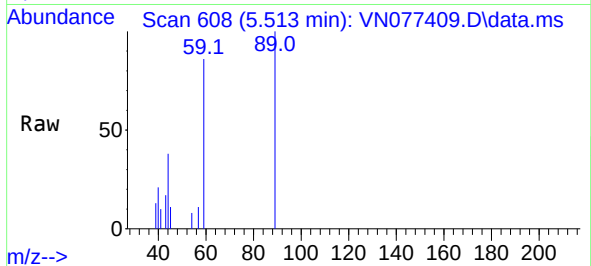




#11
Tert butyl alcohol
Concen: 2.647 ug/l
RT: 5.513 min Scan# 608
Delta R.T. -0.024 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

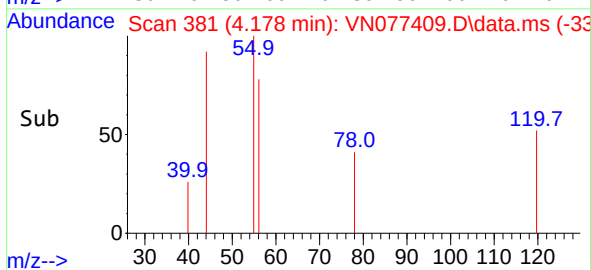
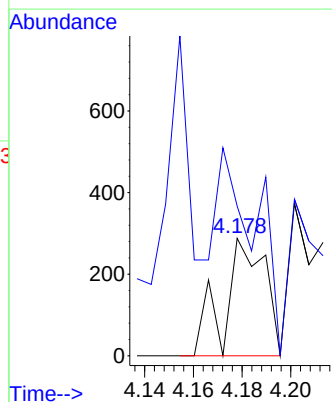
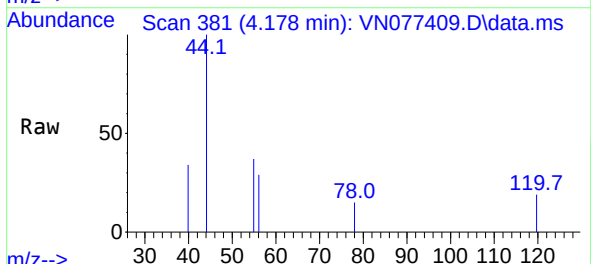
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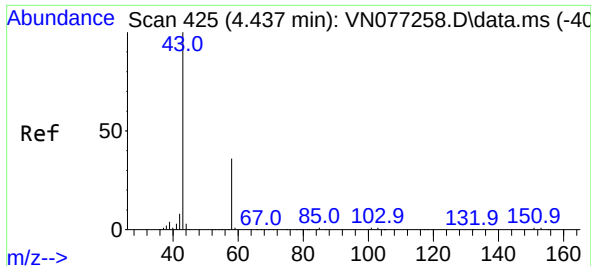
Tgt Ion: 59 Resp: 4598
Ion Ratio Lower Upper
59 100
57 6.6 8.3 12.5#



#13
Acrolein
Concen: 0.202 ug/l
RT: 4.178 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 56 Resp: 332
Ion Ratio Lower Upper
56 100
55 167.2 54.2 81.2#

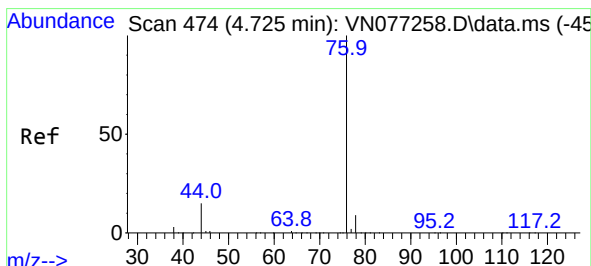
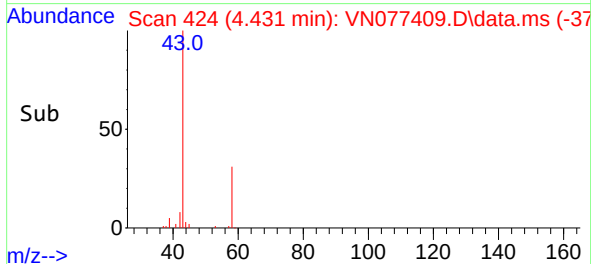
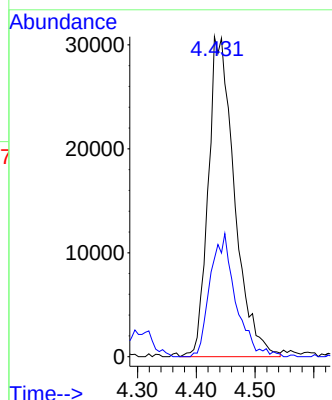
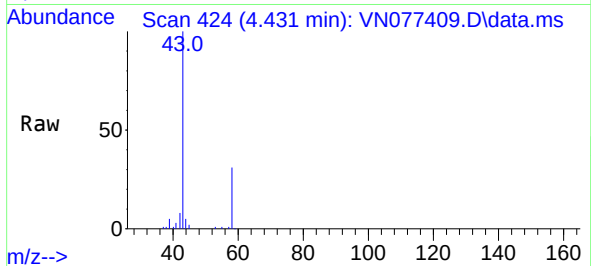




#16
Acetone
Concen: 30.444 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

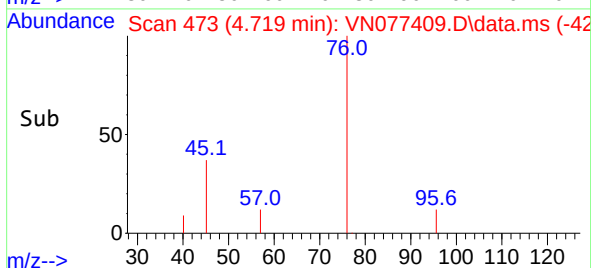
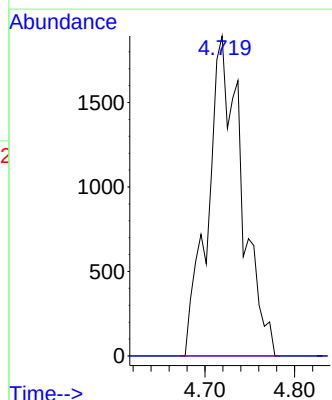
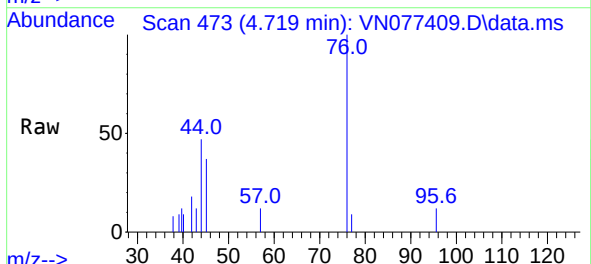
Instrument :
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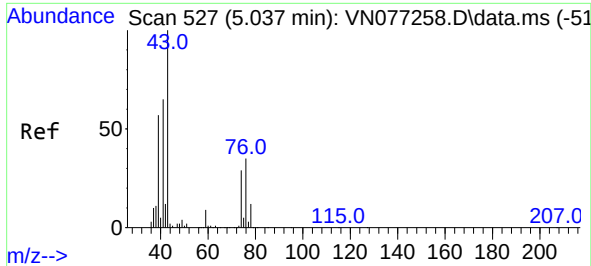
Tgt Ion: 43 Resp: 95543
Ion Ratio Lower Upper
43 100
58 30.6 29.0 43.6



#17
Carbon Disulfide
Concen: 0.251 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 76 Resp: 4944
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#





#18

Methyl Acetate

Concen: 0.814 ug/l

RT: 5.043 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN077409.D

Acq: 20 Apr 2023 18:47

Instrument :

MSVOA_N

ClientSampleId :

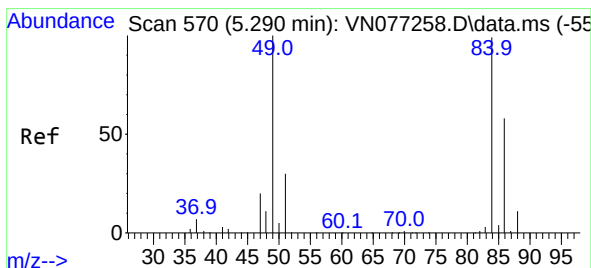
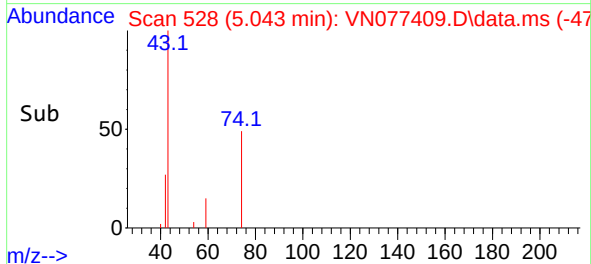
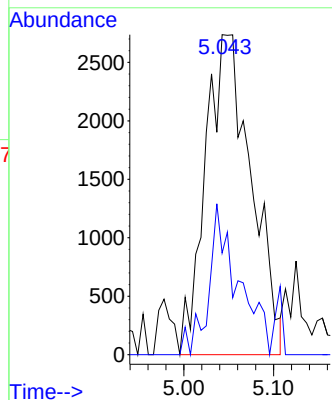
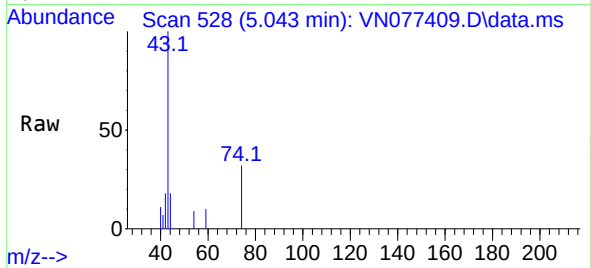
SPA-3WC-23-04

Tgt Ion: 43 Resp: 9729

Ion Ratio Lower Upper

43 100

74 30.3 23.4 35.2



#20

Methylene Chloride

Concen: 2.281 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN077409.D

Acq: 20 Apr 2023 18:47

Tgt Ion: 84 Resp: 20216

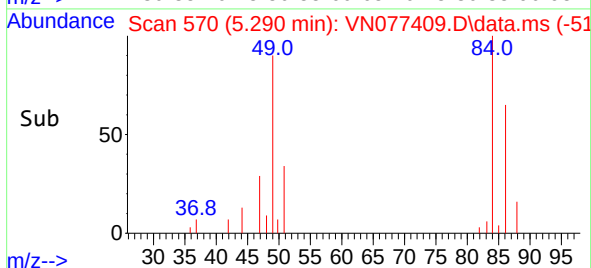
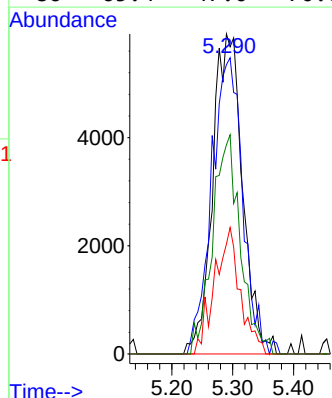
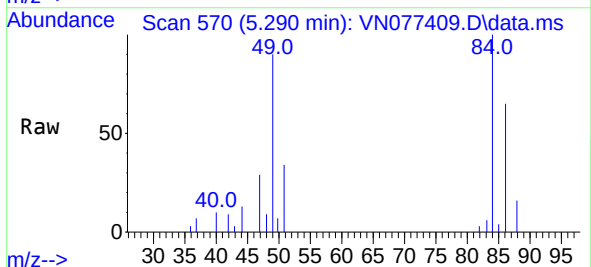
Ion Ratio Lower Upper

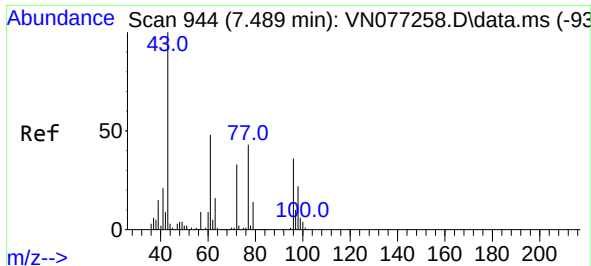
84 100

49 90.4 80.6 121.0

51 34.3 24.4 36.6

86 65.4 47.0 70.6

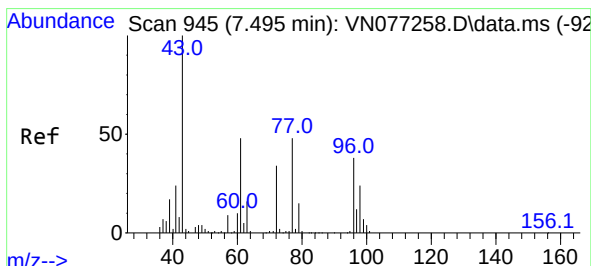
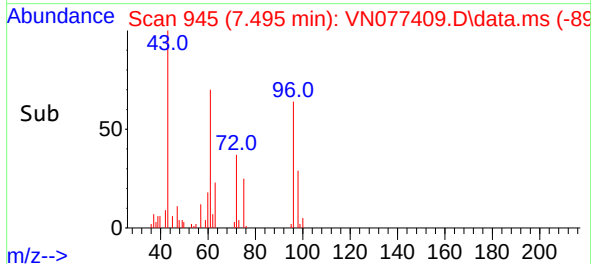
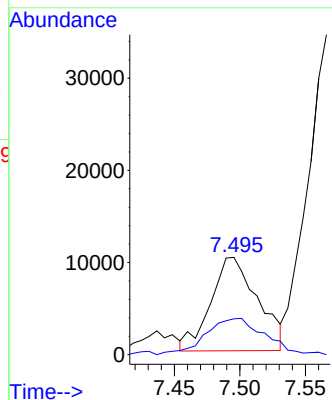
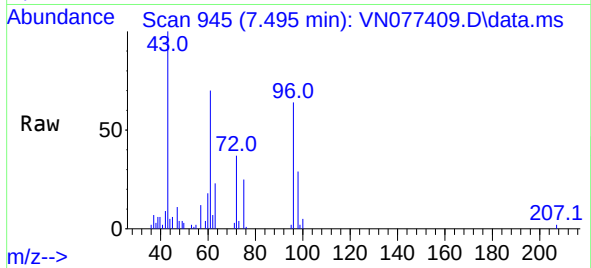




#25
2-Butanone
Concen: 4.968 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
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Acq: 20 Apr 2023 18:47

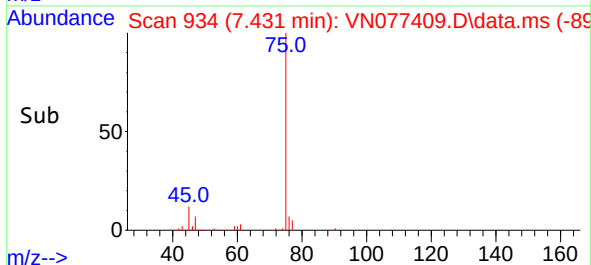
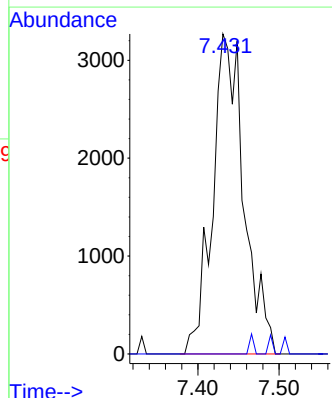
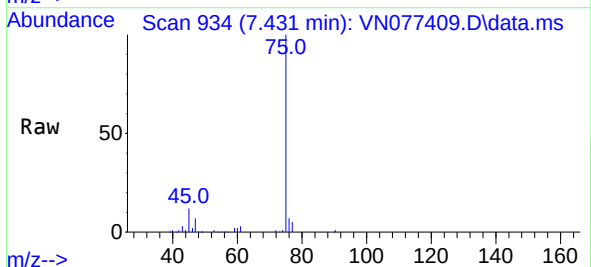
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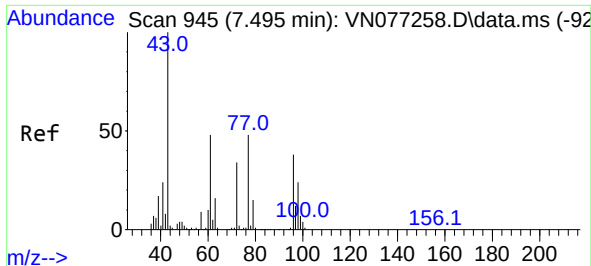
Tgt Ion: 43 Resp: 25304
Ion Ratio Lower Upper
43 100
72 37.9 26.6 39.8



#26
2,2-Dichloropropane
Concen: 0.672 ug/l
RT: 7.431 min Scan# 934
Delta R.T. -0.064 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 77 Resp: 8787
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#

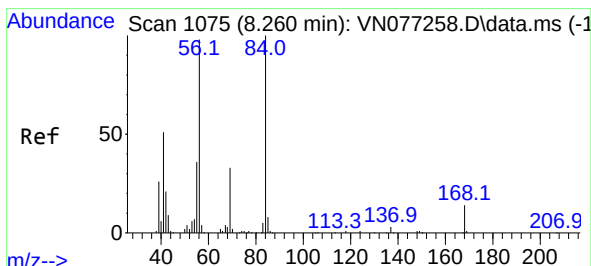
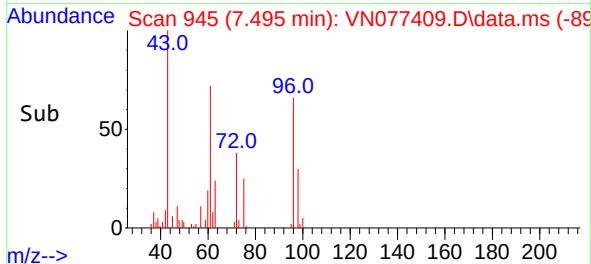
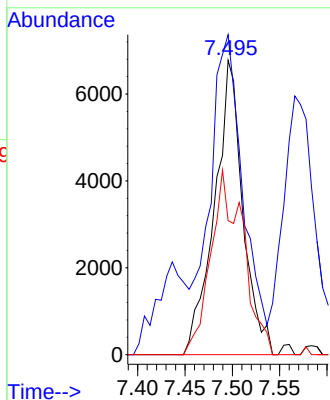
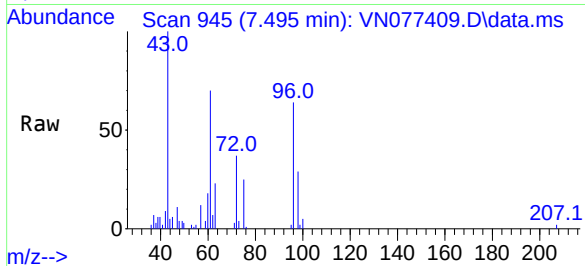




#27
 cis-1,2-Dichloroethene
 Concen: 1.448 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077409.D
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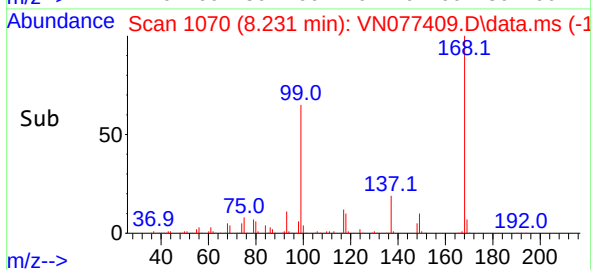
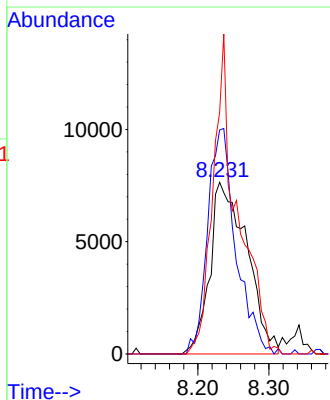
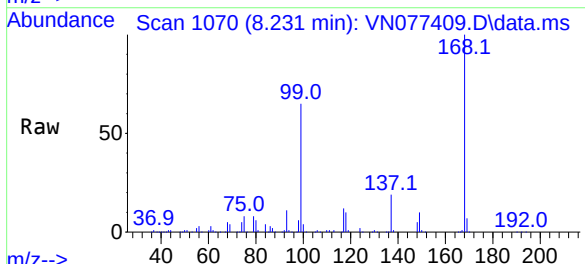
Instrument :
 MSVOA_N
 ClientSampleId :
 SPA-3WC-23-04

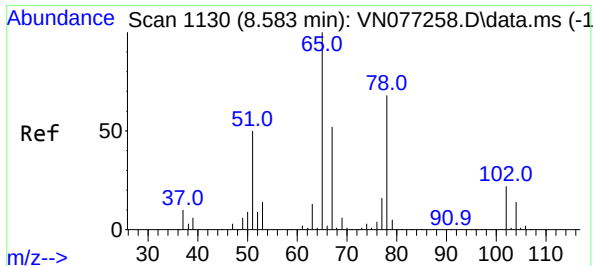
Tgt Ion: 96 Resp: 14121
 Ion Ratio Lower Upper
 96 100
 61 127.9 0.0 261.0
 98 71.7 0.0 128.0



#31
 Cyclohexane
 Concen: 2.093 ug/l
 RT: 8.231 min Scan# 1070
 Delta R.T. -0.029 min
 Lab File: VN077409.D
 Acq: 20 Apr 2023 18:47

Tgt Ion: 56 Resp: 27680
 Ion Ratio Lower Upper
 56 100
 69 130.5 26.6 40.0#
 84 140.6 81.8 122.8#

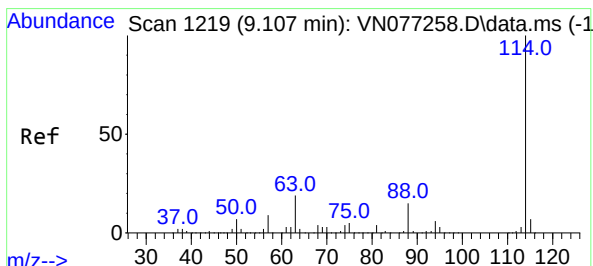
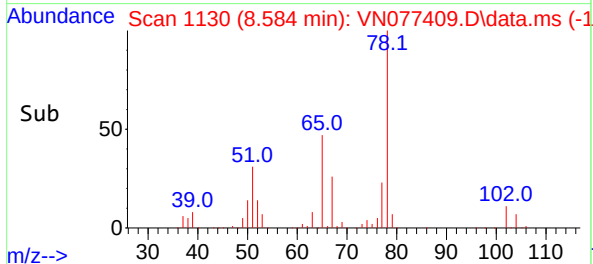
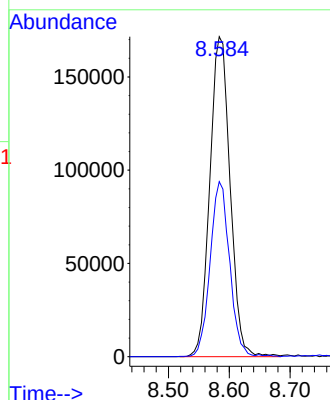
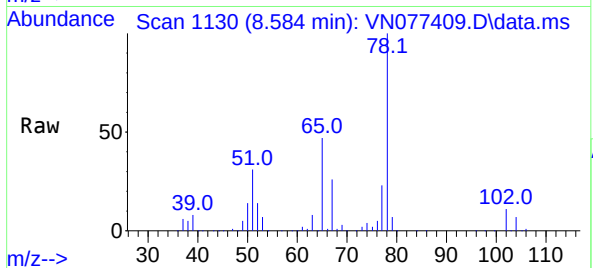




#33
1,2-Dichloroethane-d4
Concen: 46.637 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

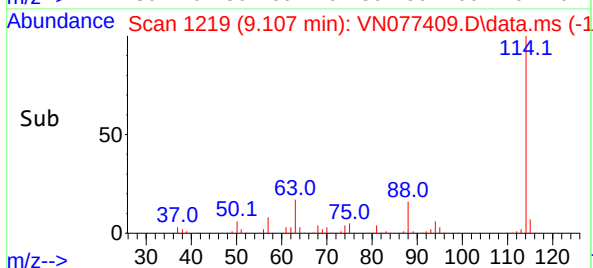
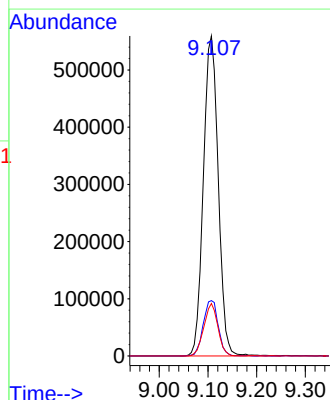
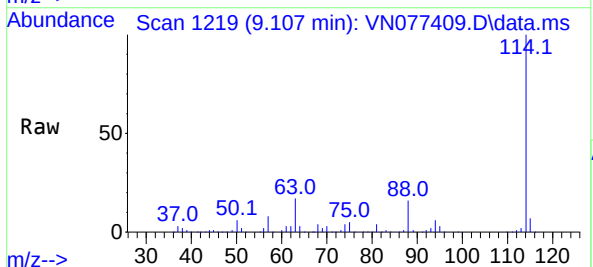
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

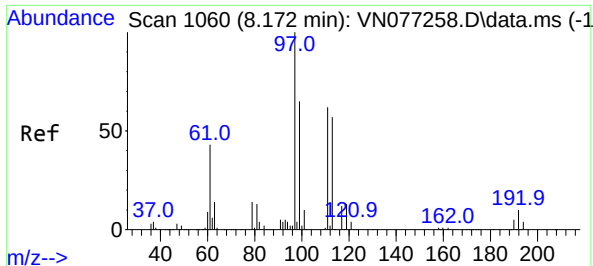
Tgt Ion: 65 Resp: 396969
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 114 Resp: 1183805
Ion Ratio Lower Upper
114 100
63 17.3 0.0 37.8
88 16.4 0.0 29.4

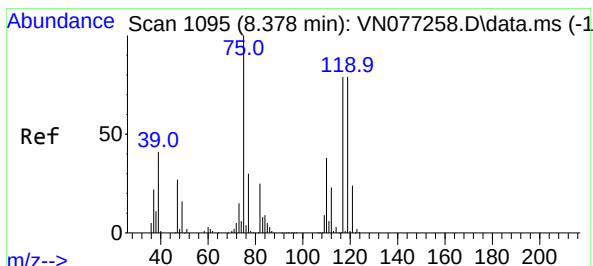
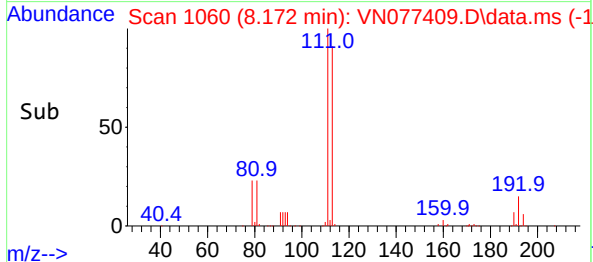
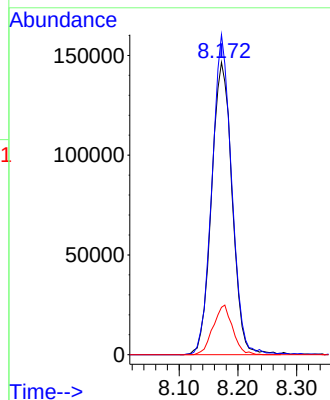
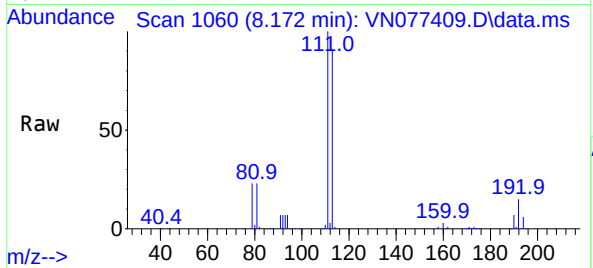




#35
Dibromofluoromethane
Concen: 47.007 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

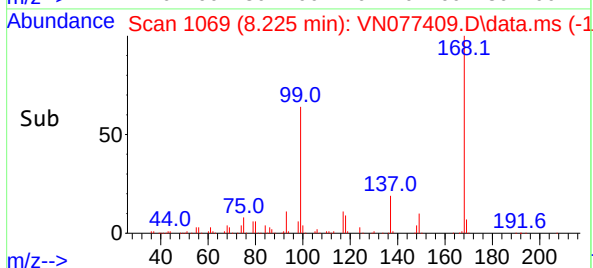
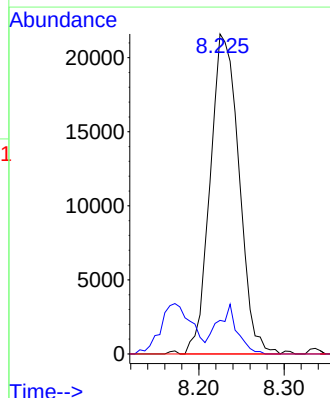
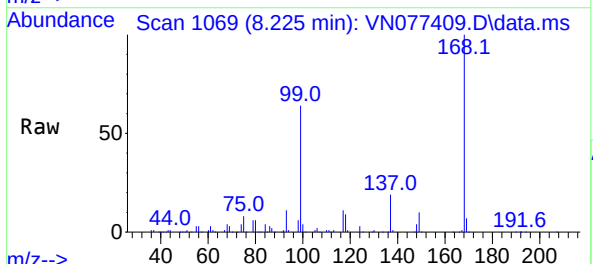
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

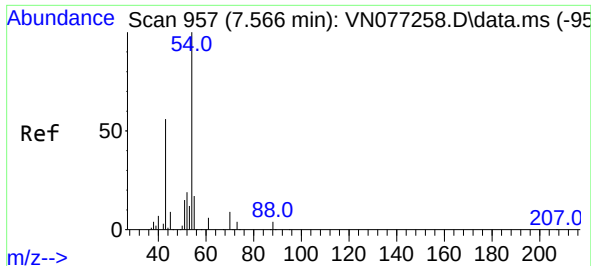
Tgt Ion: 113 Resp: 356238
Ion Ratio Lower Upper
113 100
111 104.5 83.4 125.0
192 16.1 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.523 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.153 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 75 Resp: 50697
Ion Ratio Lower Upper
75 100
110 10.8 17.8 53.5#
77 0.0 25.0 37.4#

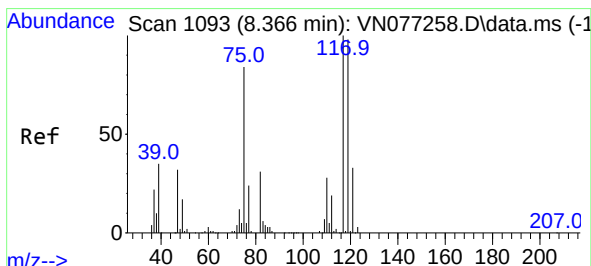
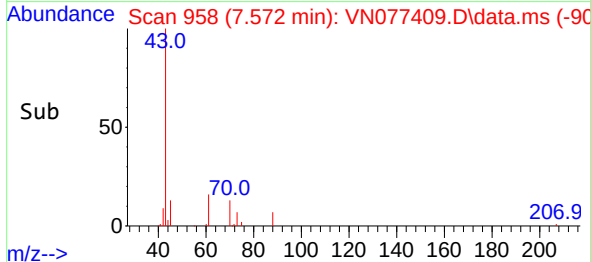
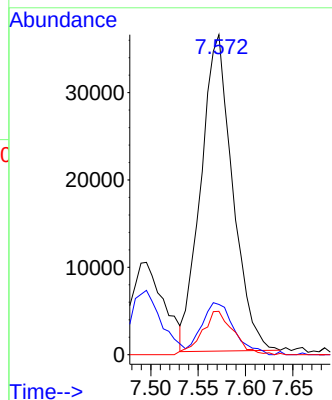
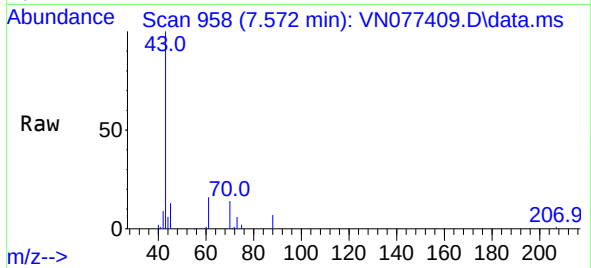




#37
Ethyl Acetate
Concen: 8.431 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

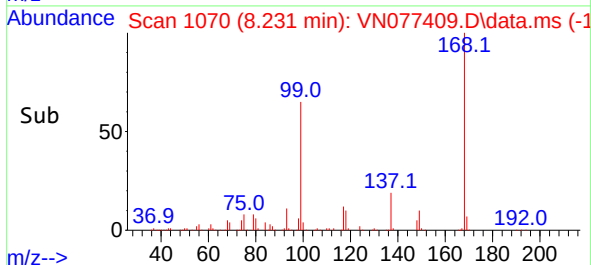
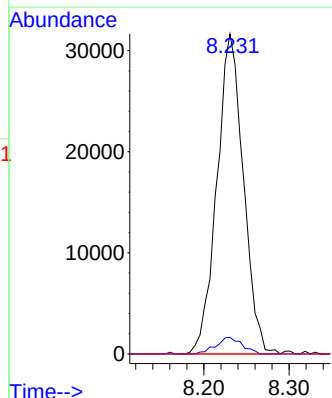
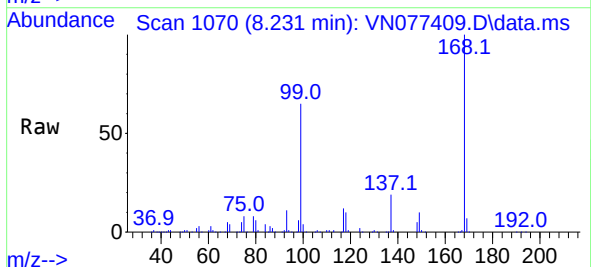
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

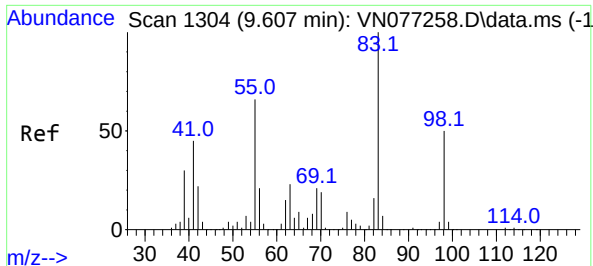
Tgt Ion: 43 Resp: 84545
Ion Ratio Lower Upper
43 100
61 16.7 12.2 18.2
70 13.6 10.0 15.0



#38
Carbon Tetrachloride
Concen: 5.955 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 117 Resp: 68382
Ion Ratio Lower Upper
117 100
119 5.2 78.5 117.7#
121 0.0 26.6 40.0#





#39

Methylcyclohexane

Concen: 2.417 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077409.D

Acq: 20 Apr 2023 18:47

Instrument :

MSVOA_N

ClientSampleId :

SPA-3WC-23-04

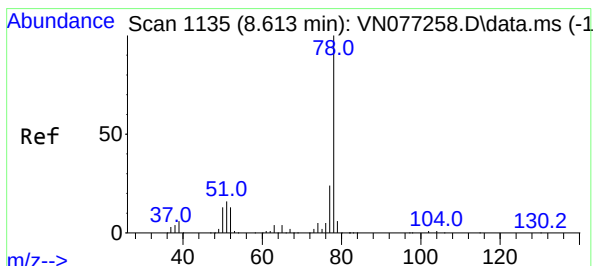
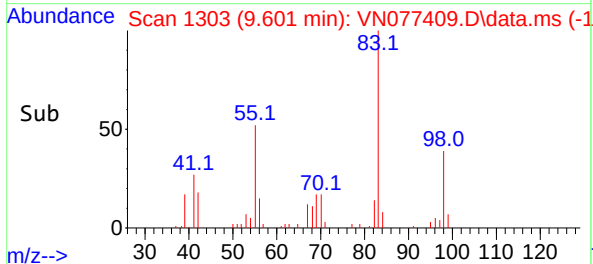
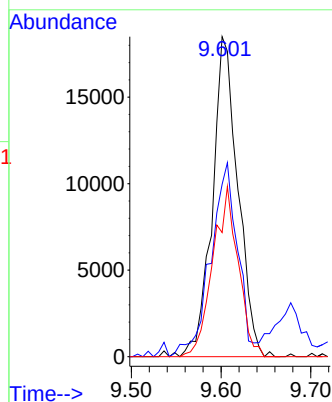
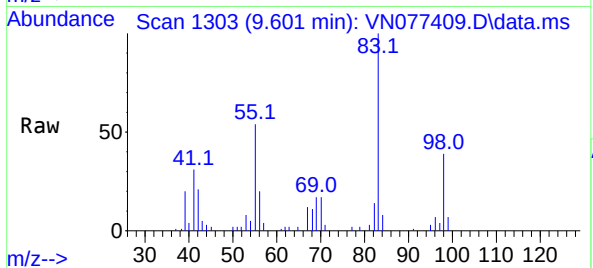
Tgt Ion: 83 Resp: 36524

Ion Ratio Lower Upper

83 100

55 50.0 52.4 78.6#

98 38.8 39.8 59.6#



#40

Benzene

Concen: 150.358 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077409.D

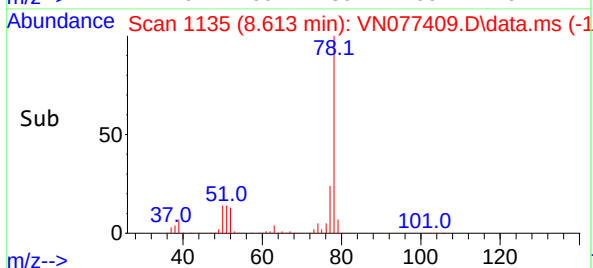
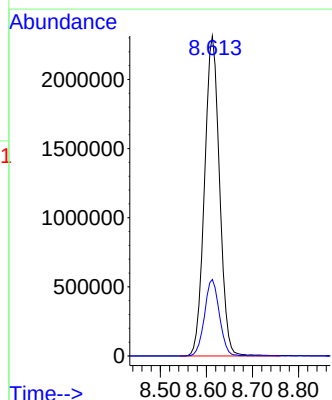
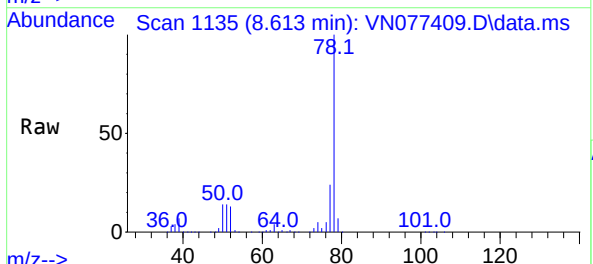
Acq: 20 Apr 2023 18:47

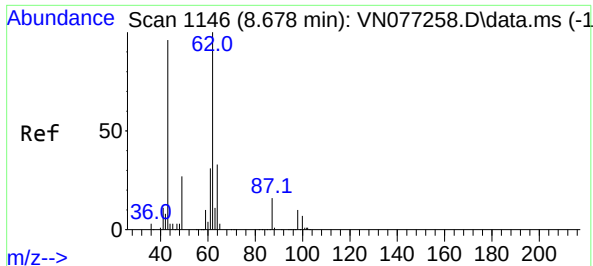
Tgt Ion: 78 Resp: 5256597

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3

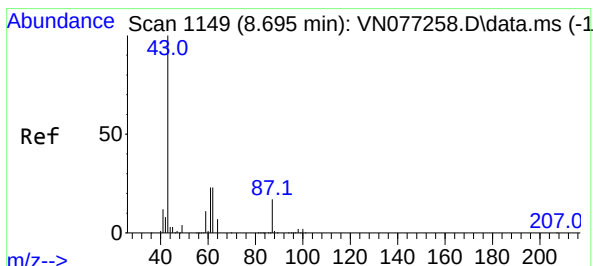
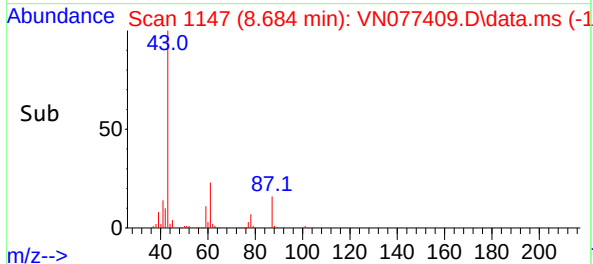
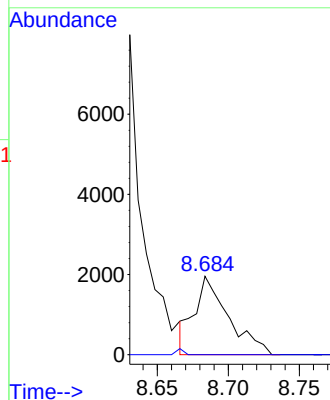
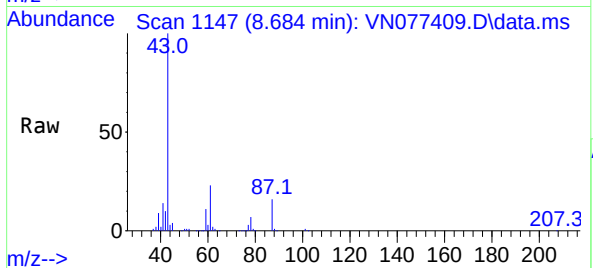




#42
1,2-Dichloroethane
Concen: 0.303 ug/l
RT: 8.684 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

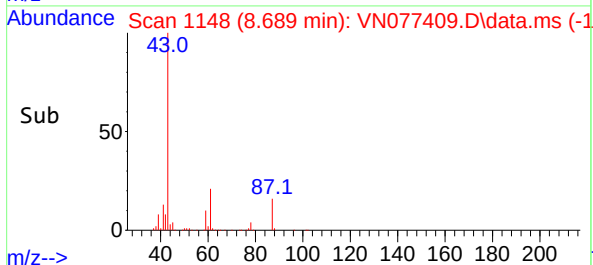
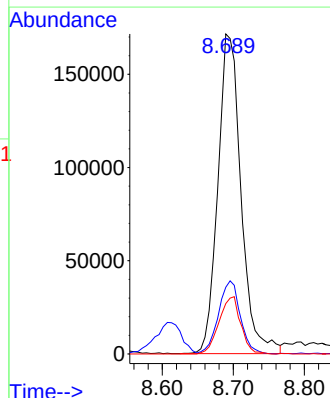
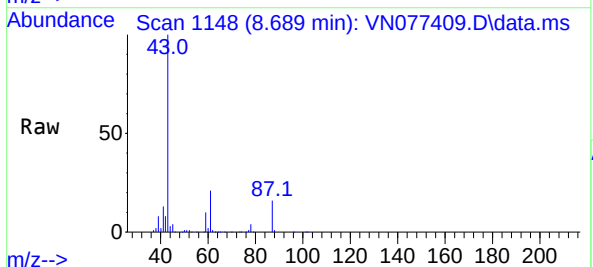
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

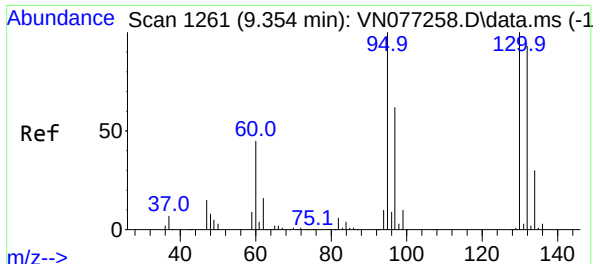
Tgt Ion: 62 Resp: 3257
Ion Ratio Lower Upper
62 100
98 1.6 0.0 20.2



#43
Isopropyl Acetate
Concen: 20.971 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 43 Resp: 388053
Ion Ratio Lower Upper
43 100
61 21.6 22.7 34.1#
87 16.8 13.6 20.4

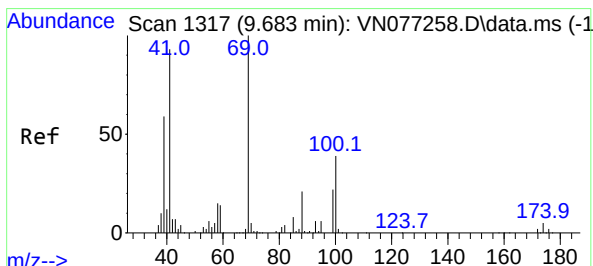
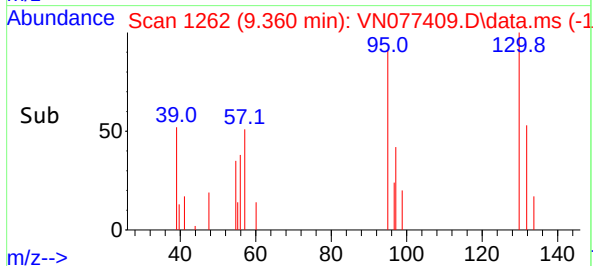
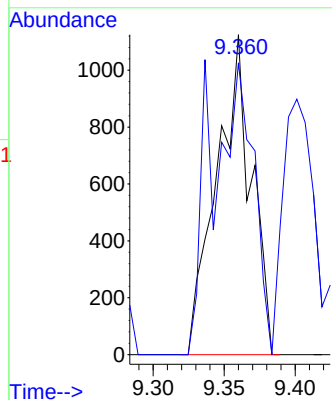
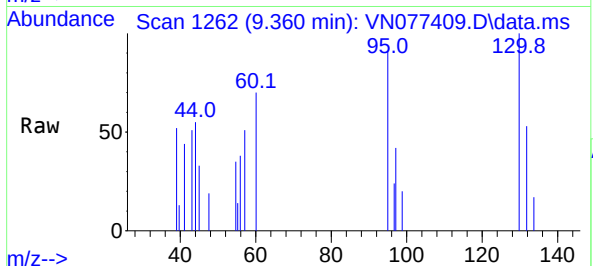




#44
Trichloroethene
Concen: 0.228 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

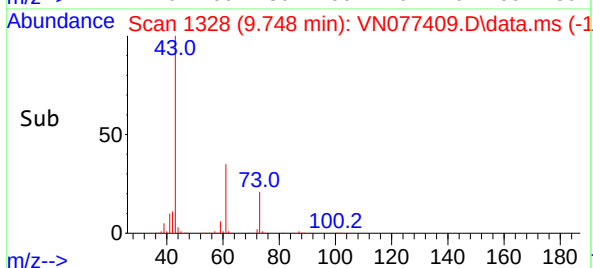
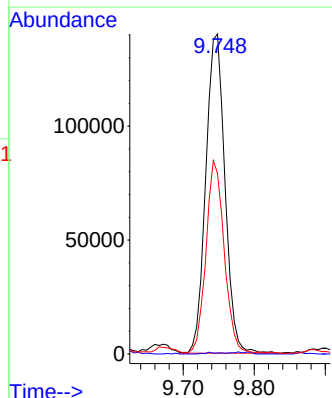
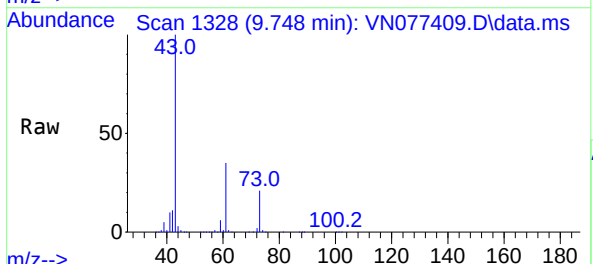
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

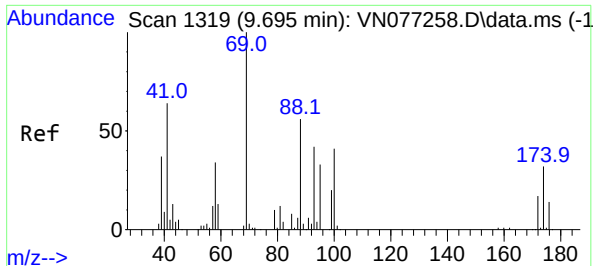
Tgt Ion:130 Resp: 1909
Ion Ratio Lower Upper
130 100
95 91.2 0.0 200.2



#48
Methyl methacrylate
Concen: 33.280 ug/l
RT: 9.748 min Scan# 1328
Delta R.T. 0.065 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 41 Resp: 262704
Ion Ratio Lower Upper
41 100
69 0.3 85.0 127.6#
39 57.2 53.5 80.3

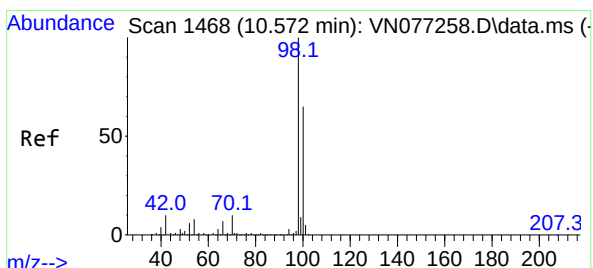
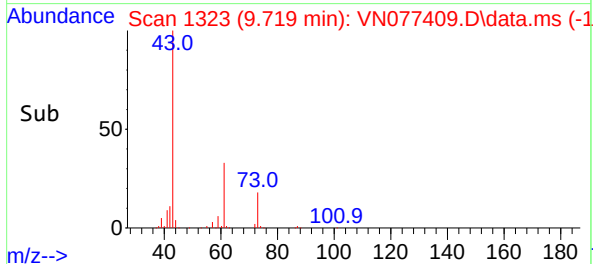
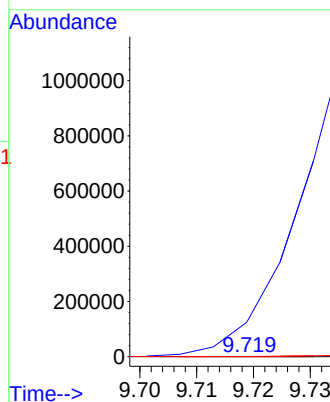
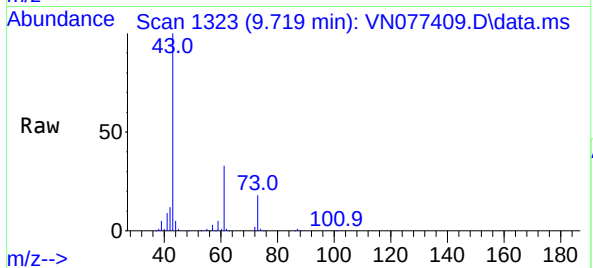




#49
1,4-Dioxane
Concen: 0.455 ug/l
RT: 9.719 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

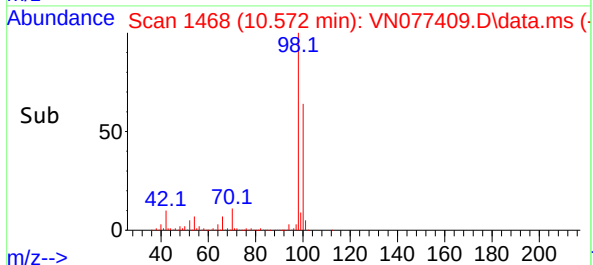
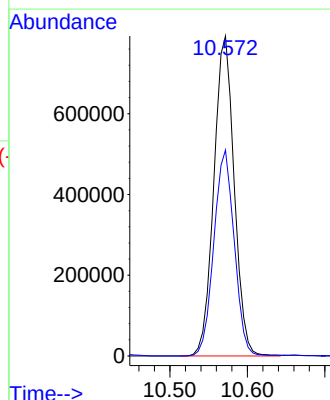
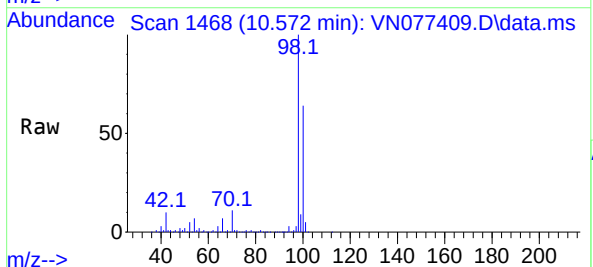
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

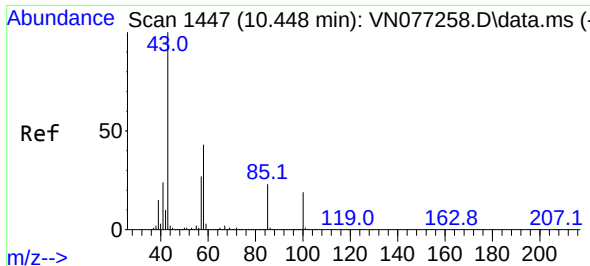
Tgt Ion: 88 Resp: 87
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 49.8 74.6#



#50
Toluene-d8
Concen: 47.299 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 98 Resp: 1442997
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9

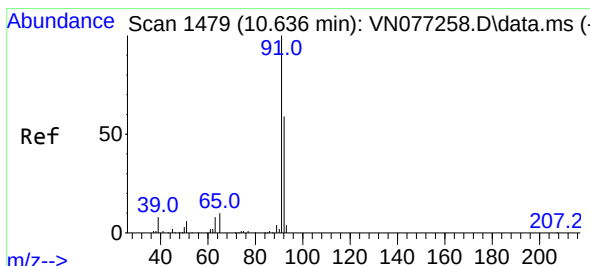
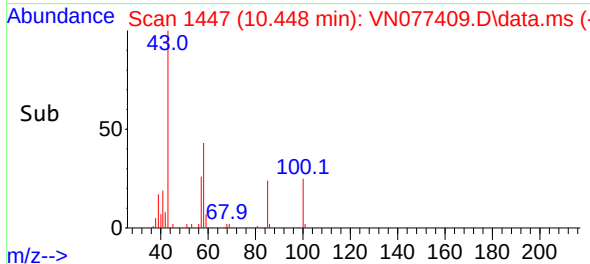
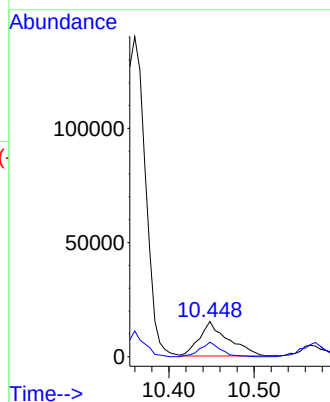
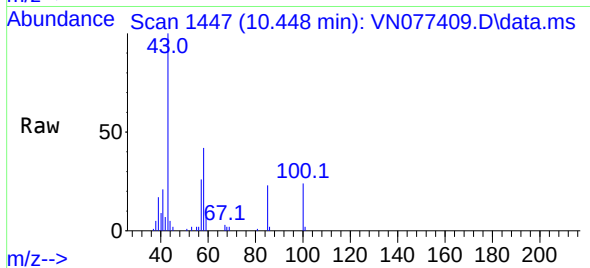




#51
4-Methyl-2-Pentanone
Concen: 3.315 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

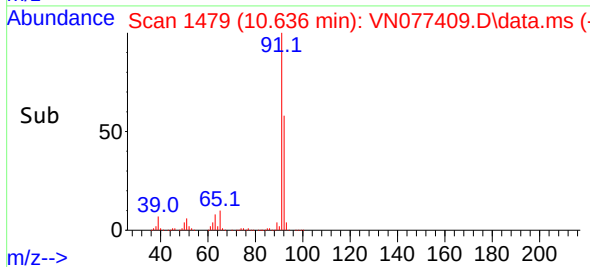
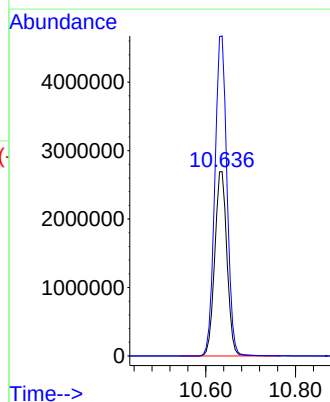
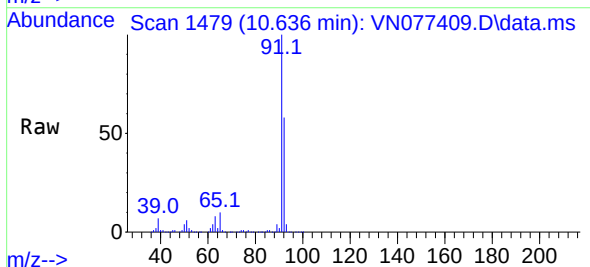
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

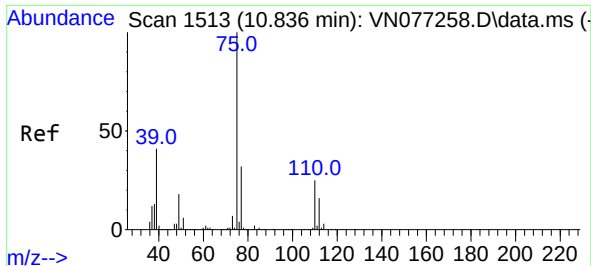
Tgt Ion: 43 Resp: 35458
Ion Ratio Lower Upper
43 100
58 29.9 34.6 52.0#



#52
Toluene
Concen: 221.897 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 92 Resp: 5077696
Ion Ratio Lower Upper
92 100
91 173.1 138.0 207.0

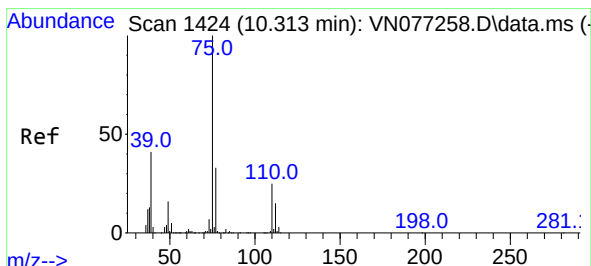
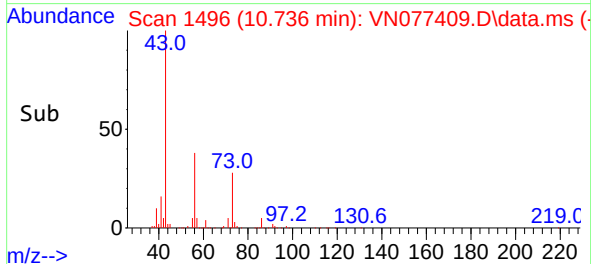
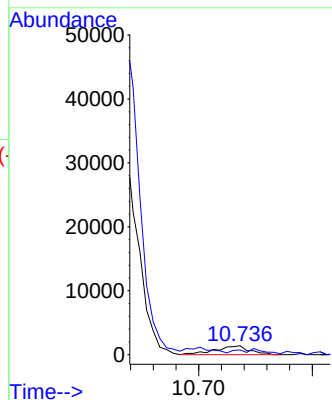
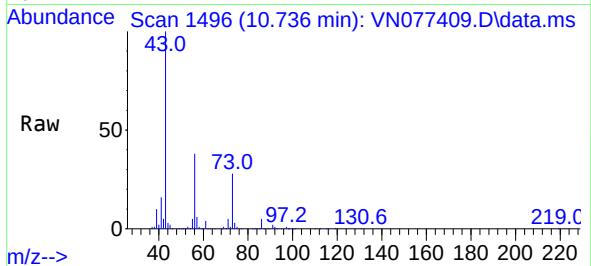




#53
t-1,3-Dichloropropene
Concen: 0.216 ug/l
RT: 10.736 min Scan# 1496
Delta R.T. -0.100 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

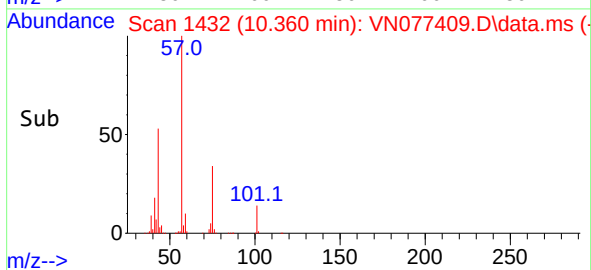
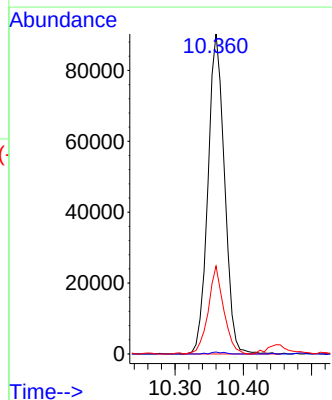
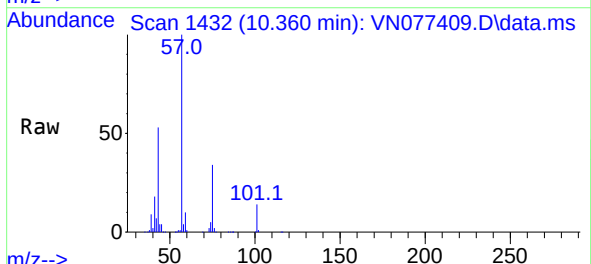
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

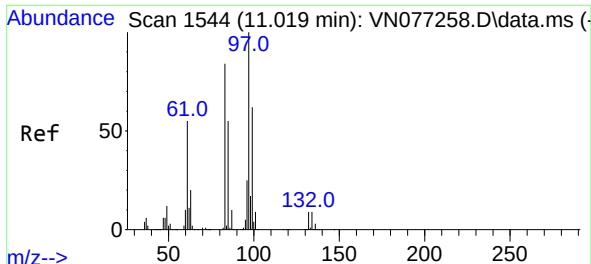
Tgt Ion: 75 Resp: 2928
Ion Ratio Lower Upper
75 100
77 40.9 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 10.565 ug/l
RT: 10.360 min Scan# 1432
Delta R.T. 0.047 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 75 Resp: 152799
Ion Ratio Lower Upper
75 100
77 0.6 26.7 40.1#
39 27.1 32.8 49.2#



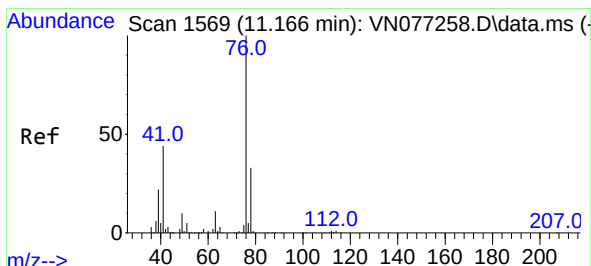
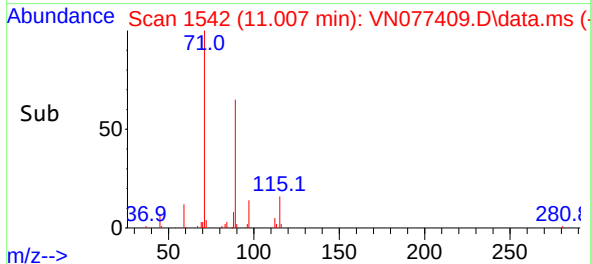
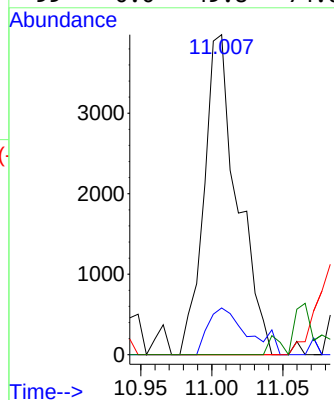
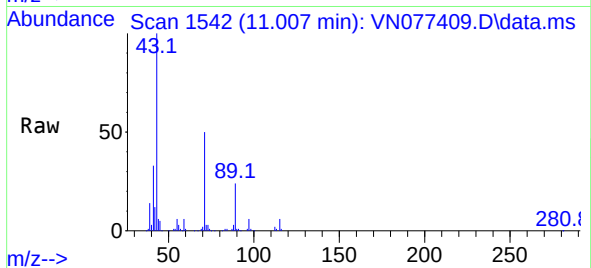


#55
1,1,2-Trichloroethane
Concen: 0.723 ug/l
RT: 11.007 min Scan# 1544
Delta R.T. -0.012 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

Tgt Ion: 97 Resp: 6498

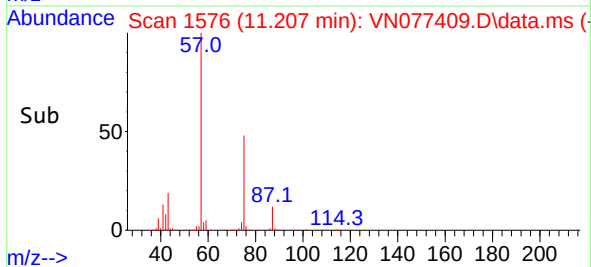
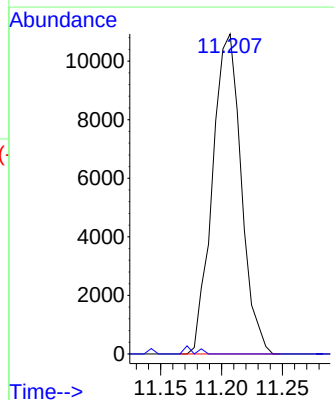
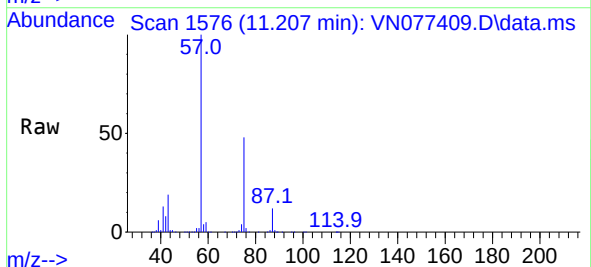
Ion	Ratio	Lower	Upper
97	100		
83	14.6	67.4	101.2#
85	0.0	44.1	66.1#
99	0.0	49.8	74.6#

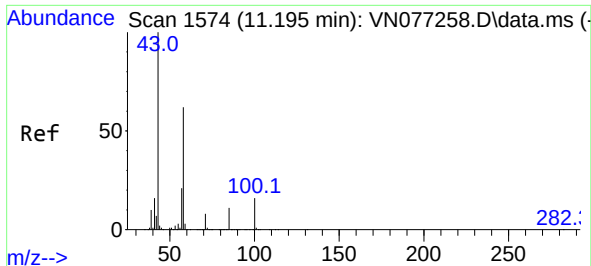


#57
1,3-Dichloropropane
Concen: 1.212 ug/l
RT: 11.207 min Scan# 1576
Delta R.T. 0.041 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 76 Resp: 17991

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#

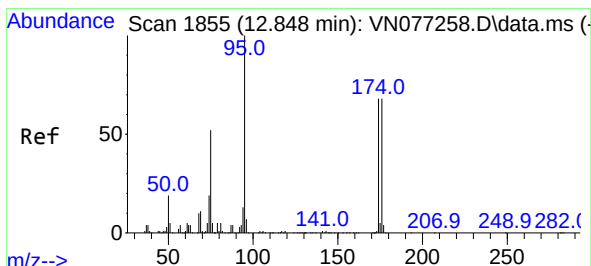
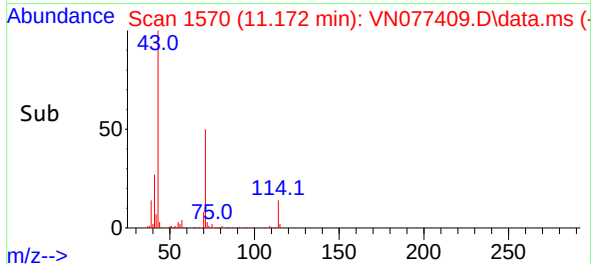
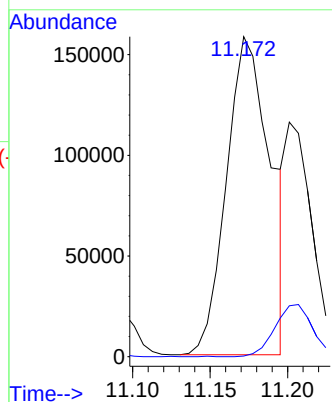
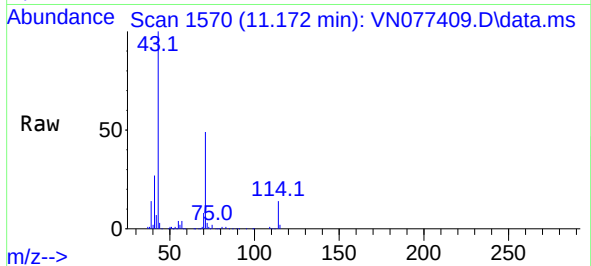




#59
2-Hexanone
Concen: 38.965 ug/l
RT: 11.172 min Scan# 111
Delta R.T. -0.023 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

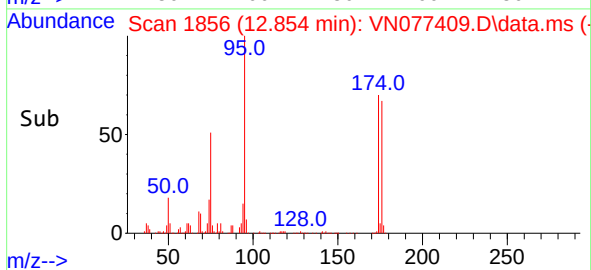
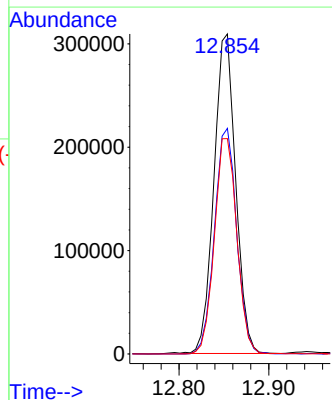
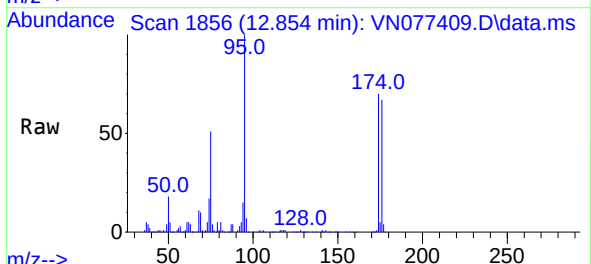
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

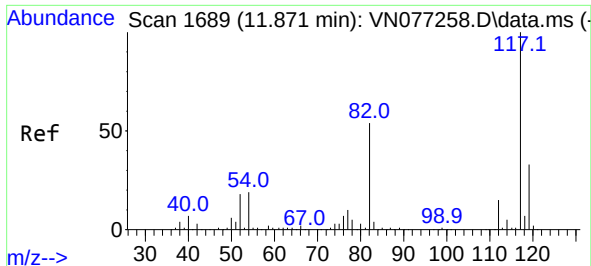
Tgt Ion: 43 Resp: 310494
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.5#



#62
4-Bromofluorobenzene
Concen: 51.103 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 95 Resp: 518516
Ion Ratio Lower Upper
95 100
174 72.4 0.0 146.8
176 69.9 0.0 139.6



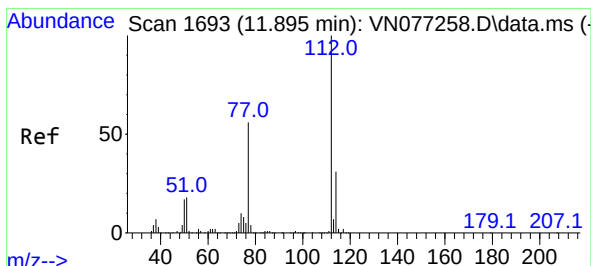
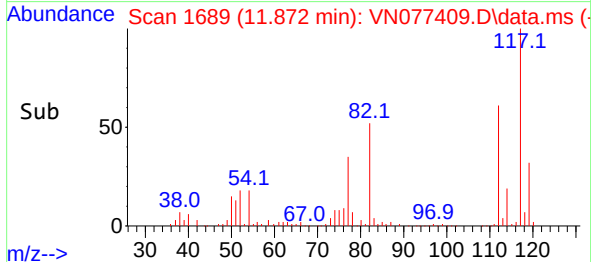
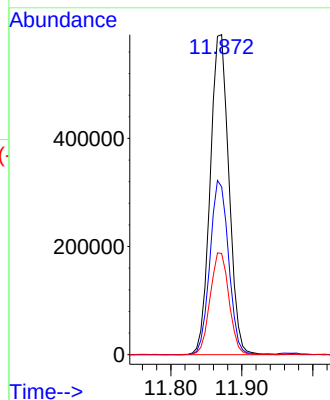
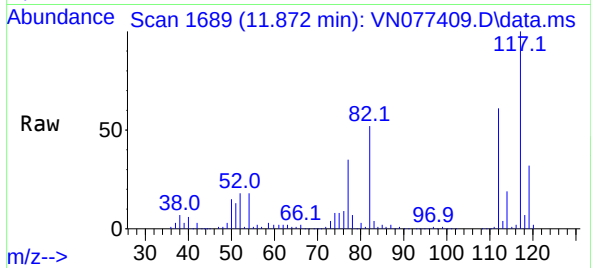


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1177
Delta R.T. 0.001 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

Tgt Ion:117 Resp: 1082162

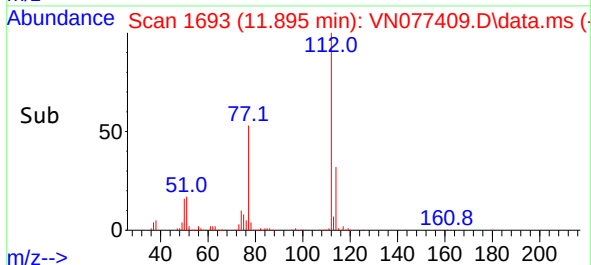
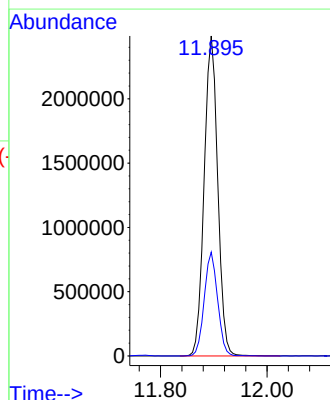
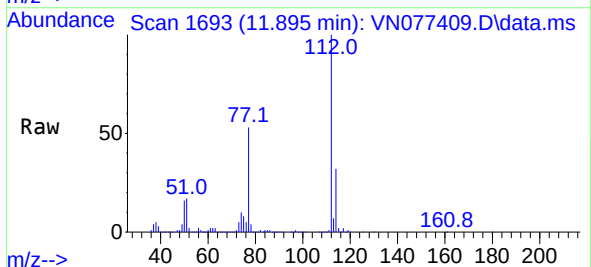
Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.9	64.3
119	31.7	26.2	39.4

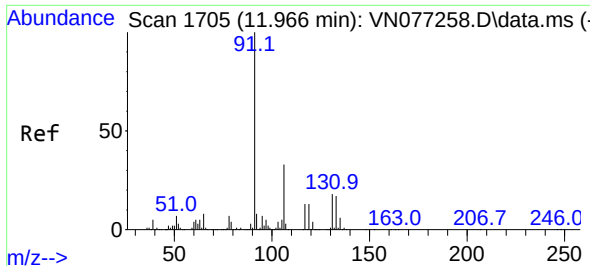


#65
Chlorobenzene
Concen: 184.251 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion:112 Resp: 4389787

Ion	Ratio	Lower	Upper
112	100		
114	32.4	24.6	36.8

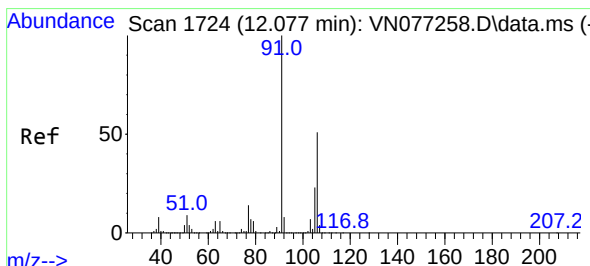
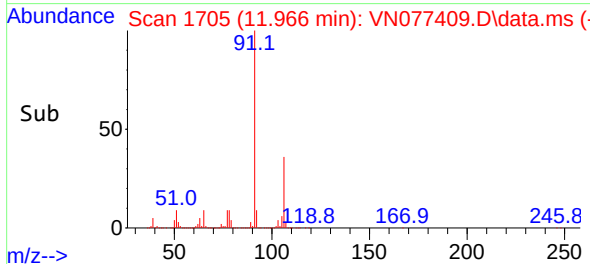
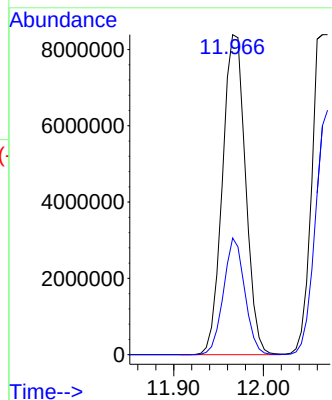
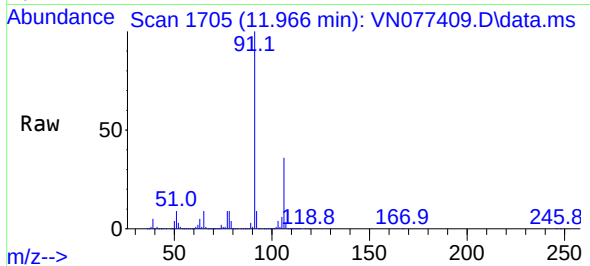




#67
Ethyl Benzene
Concen: 341.006 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

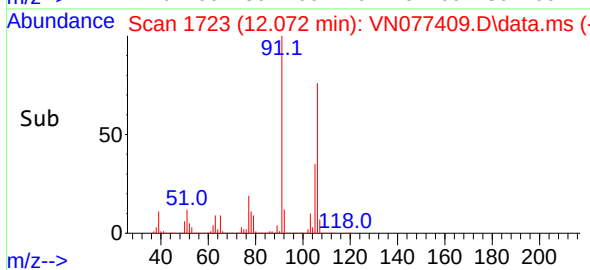
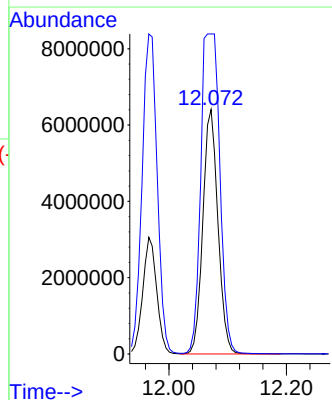
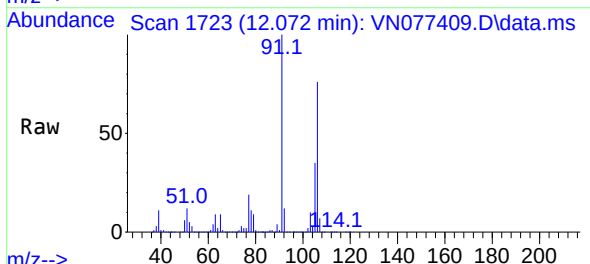
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

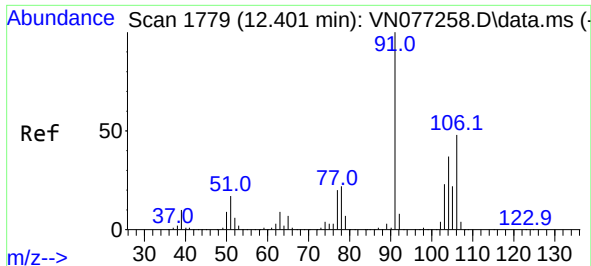
Tgt Ion: 91 Resp:14992229
Ion Ratio Lower Upper
91 100
106 36.5 26.2 39.2



#68
m/p-Xylenes
Concen: 656.957 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion:106 Resp:11348711
Ion Ratio Lower Upper
106 100
91 166.0 158.7 238.1

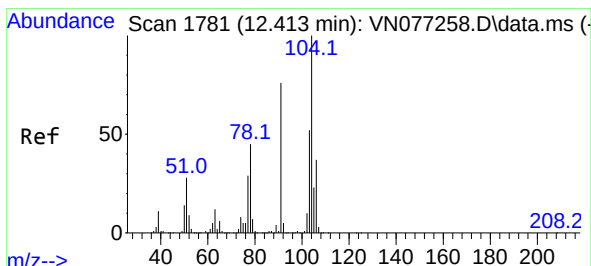
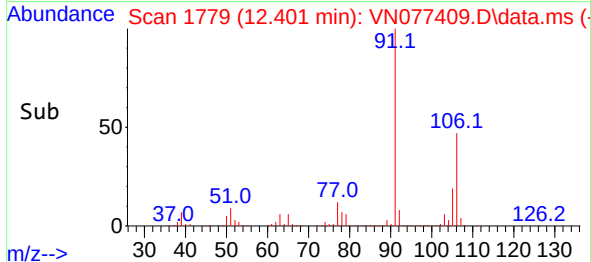
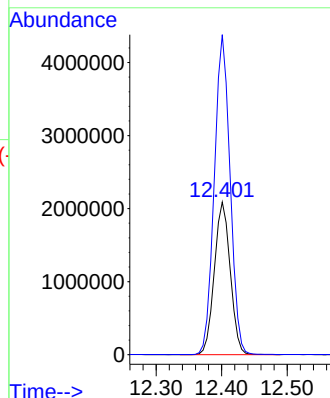
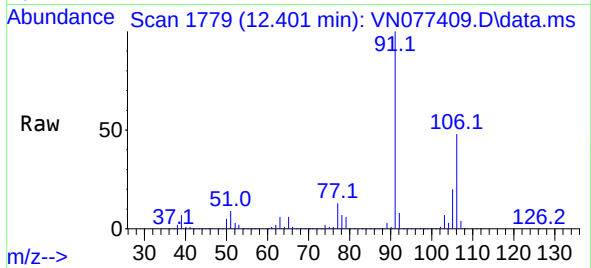




#69
o-Xylene
Concen: 205.925 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

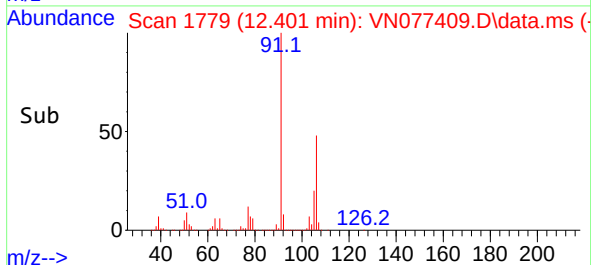
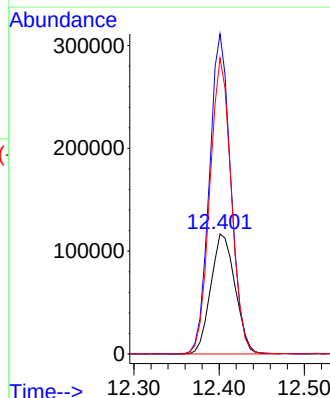
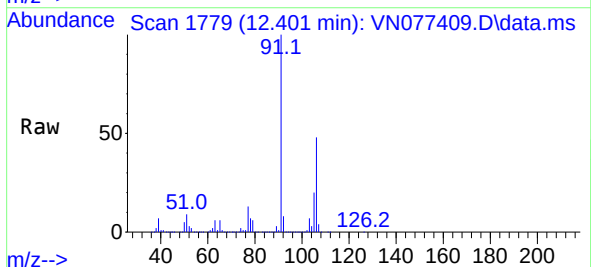
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

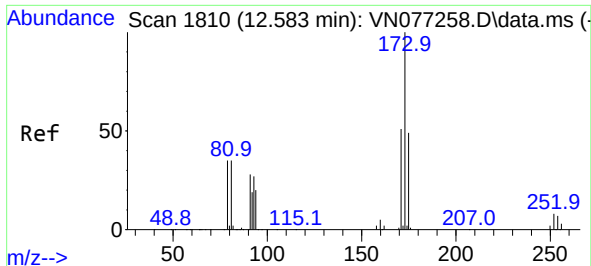
Tgt Ion:106 Resp: 3509358
Ion Ratio Lower Upper
106 100
91 208.6 104.0 312.0



#70
Styrene
Concen: 8.479 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.012 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion:104 Resp: 232522
Ion Ratio Lower Upper
104 100
78 234.0 38.0 57.0#
103 216.2 43.1 64.7#

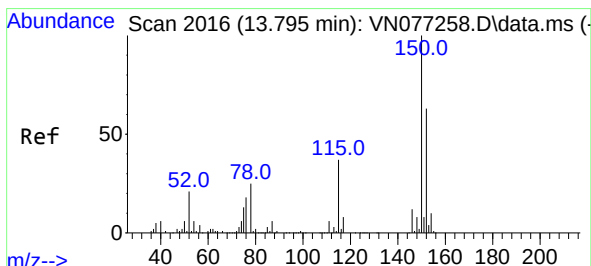
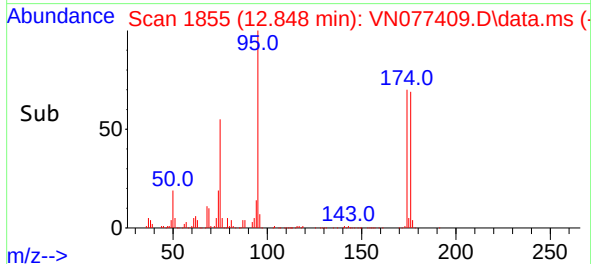
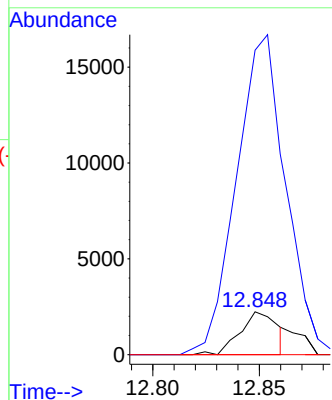
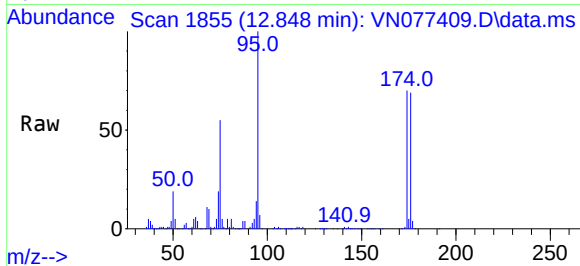




#71
Bromoform
Concen: 0.433 ug/l
RT: 12.848 min Scan# 1810
Delta R.T. 0.265 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

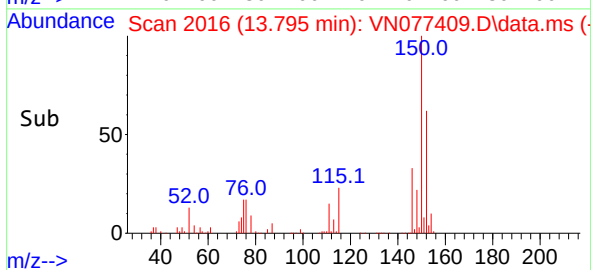
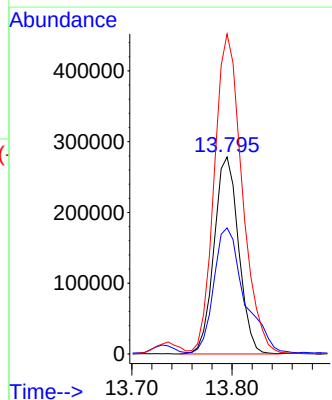
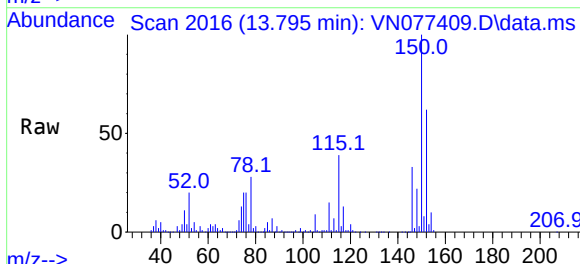
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

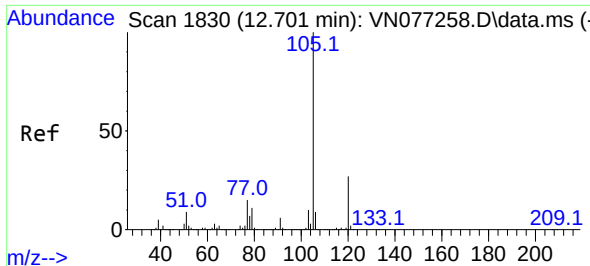
Tgt Ion:173 Resp: 2745
Ion Ratio Lower Upper
173 100
175 837.7 24.1 72.4#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion:152 Resp: 472958
Ion Ratio Lower Upper
152 100
115 81.3 32.1 96.3
150 185.0 0.0 354.8

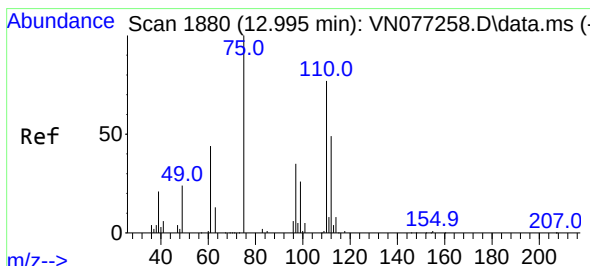
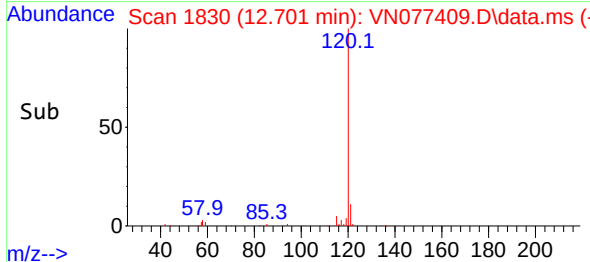
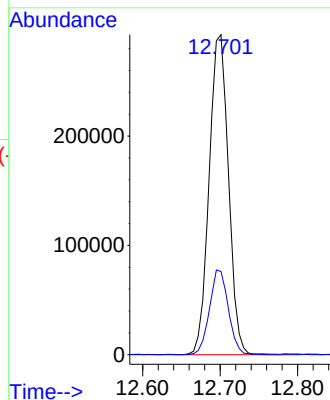
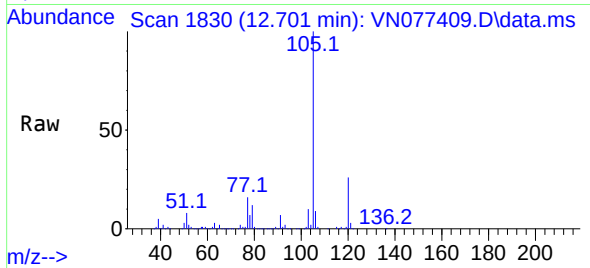




#73
Isopropylbenzene
Concen: 11.044 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

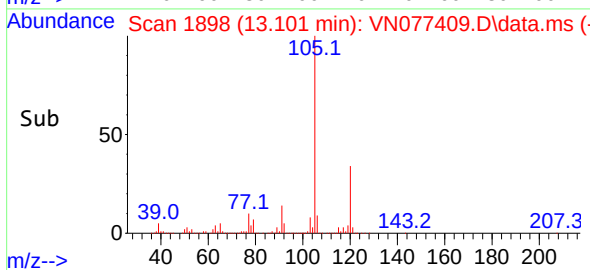
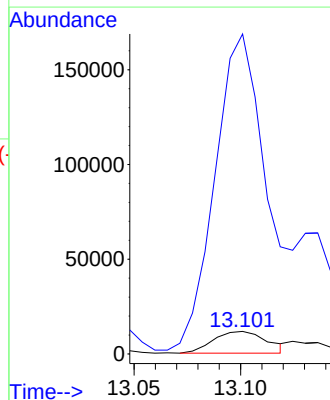
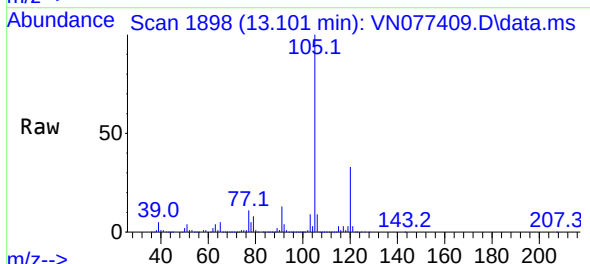
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

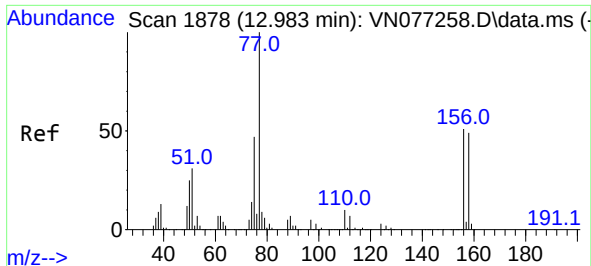
Tgt Ion:105 Resp: 507361
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.6



#76
1,2,3-Trichloropropane
Concen: 1.786 ug/l
RT: 13.101 min Scan# 1898
Delta R.T. 0.106 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 75 Resp: 20113
Ion Ratio Lower Upper
75 100
77 1437.6 88.3 264.9#

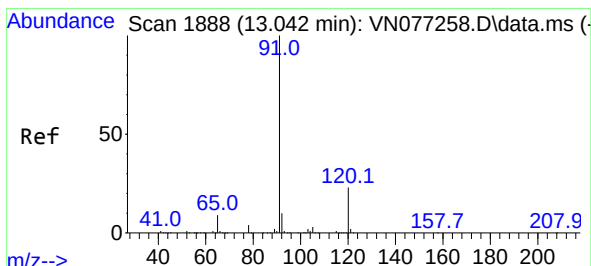
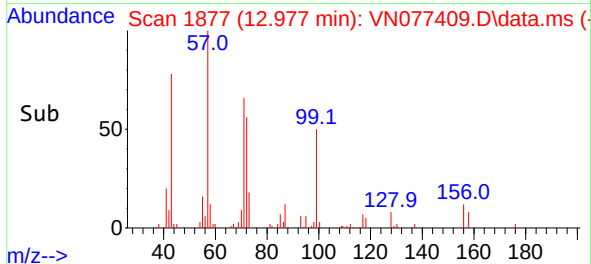
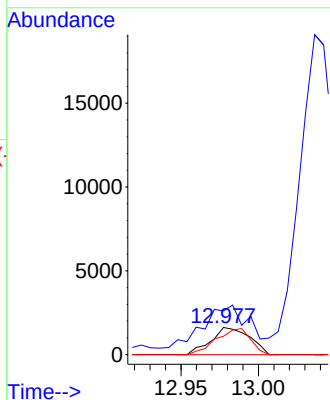
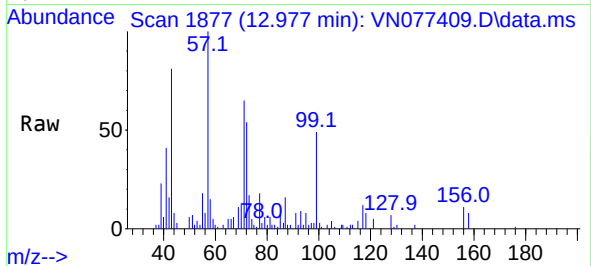




#77
Bromobenzene
Concen: 0.302 ug/l
RT: 12.977 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

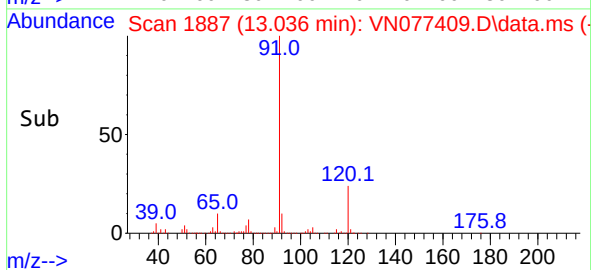
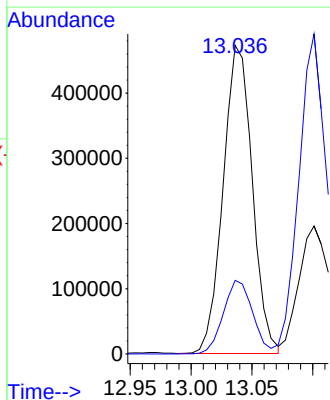
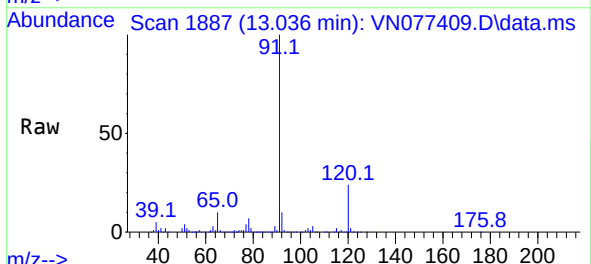
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

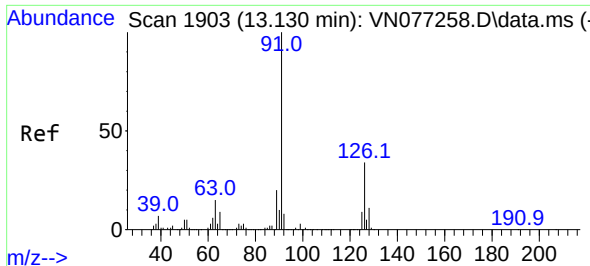
Tgt Ion:156 Resp: 2817
Ion Ratio Lower Upper
156 100
77 0.0 115.3 345.8#
158 84.9 49.3 147.8



#78
n-propylbenzene
Concen: 15.522 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 91 Resp: 787845
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.5

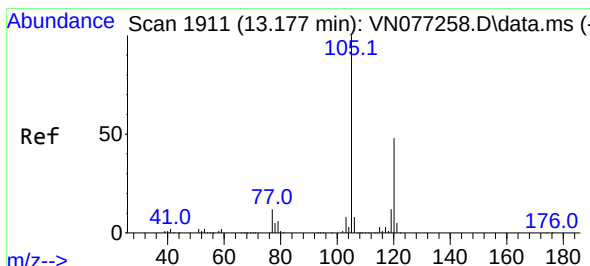
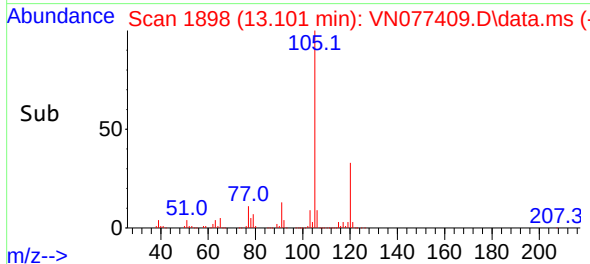
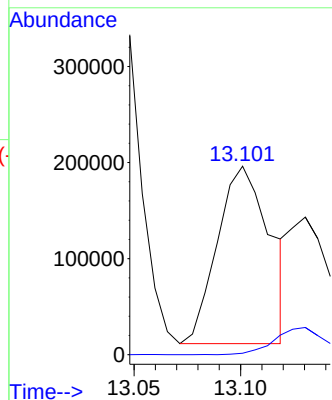
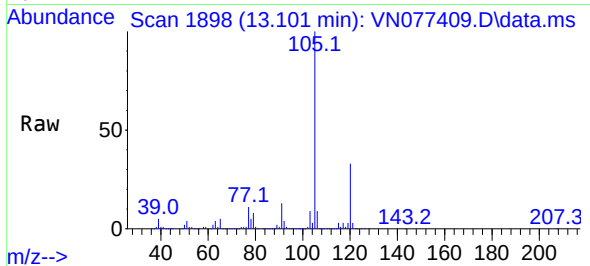




#79
2-Chlorotoluene
Concen: 10.378 ug/l
RT: 13.101 min Scan# 1898
Delta R.T. -0.029 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

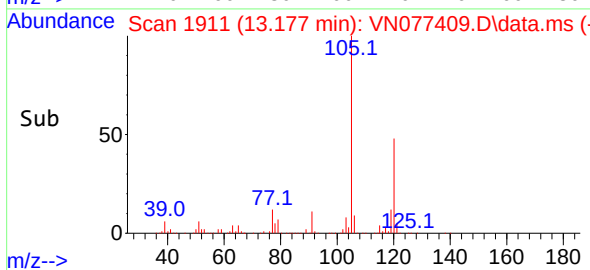
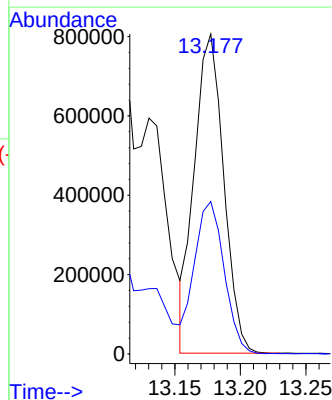
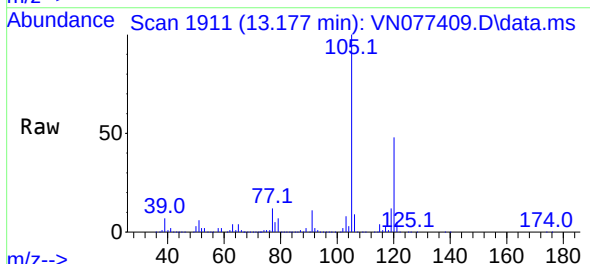
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

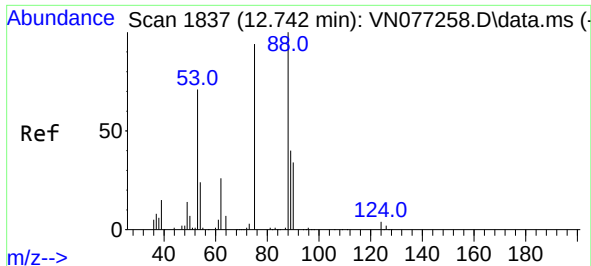
Tgt Ion: 91 Resp: 317189
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#



#80
1,3,5-Trimethylbenzene
Concen: 34.062 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 105 Resp: 1249782
Ion Ratio Lower Upper
105 100
120 48.7 24.3 73.0

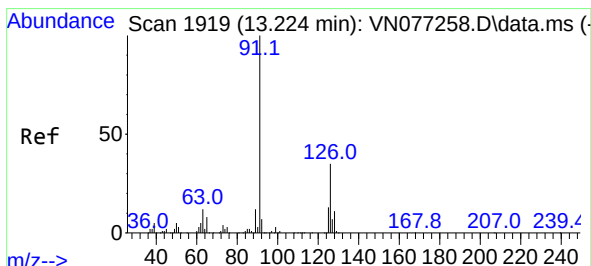
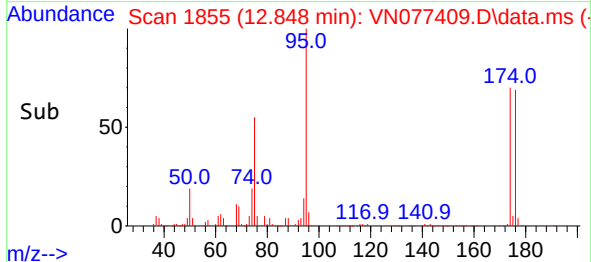
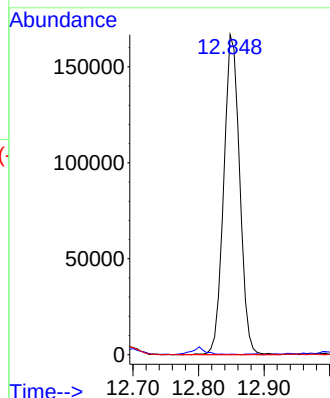
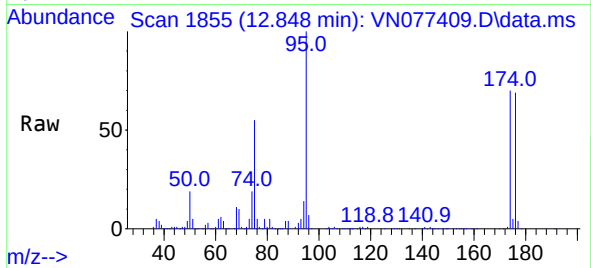




#81
trans-1,4-Dichloro-2-butene
Concen: 56.094 ug/l
RT: 12.848 min Scan# 1837
Delta R.T. 0.106 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

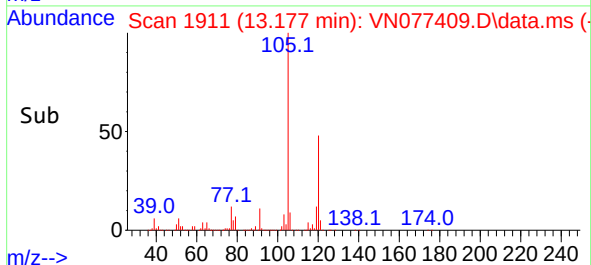
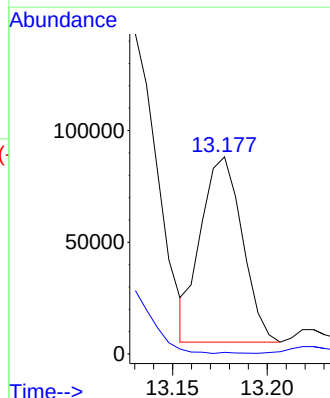
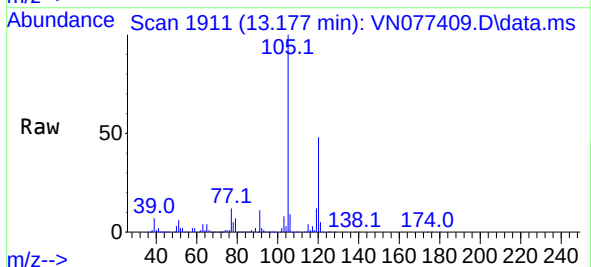
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

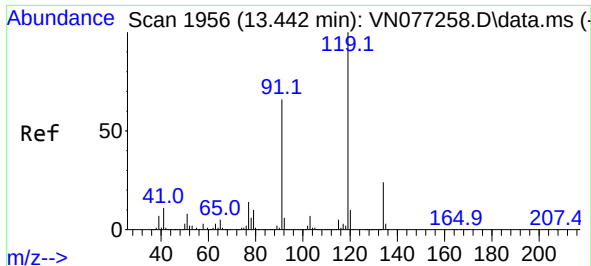
Tgt Ion: 75 Resp: 280737
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 37.4 56.2#



#82
4-Chlorotoluene
Concen: 4.382 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.047 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 91 Resp: 126273
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#

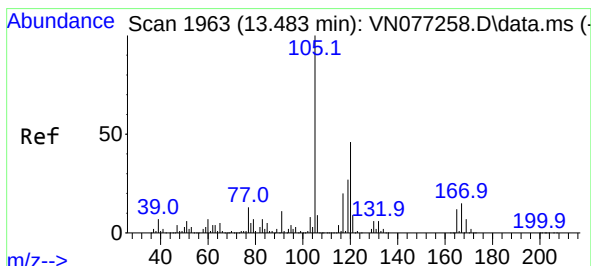
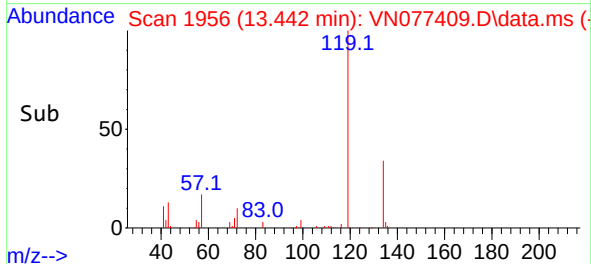
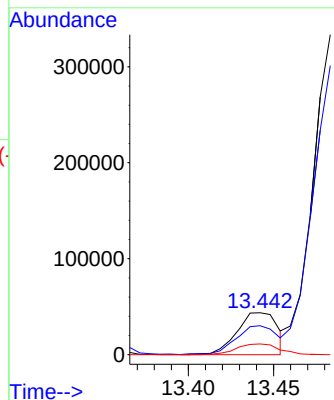
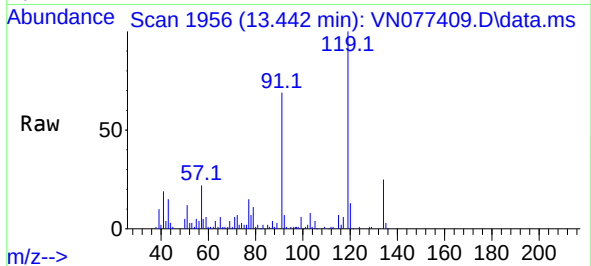




#83
tert-Butylbenzene
Concen: 2.208 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

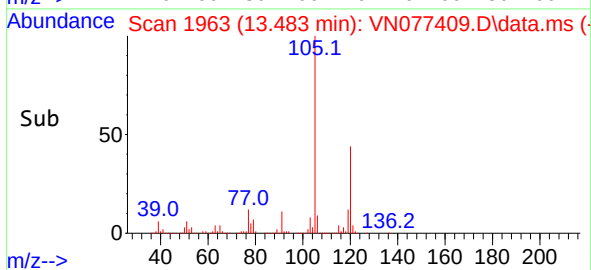
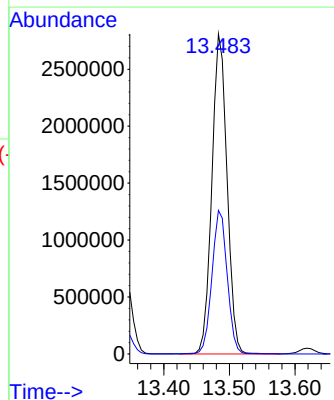
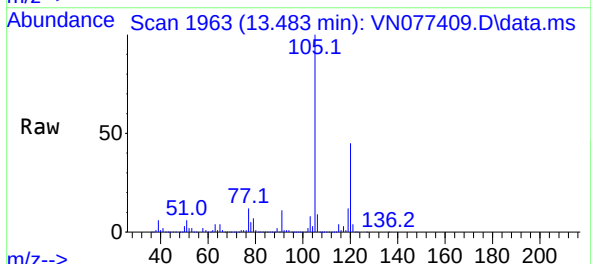
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

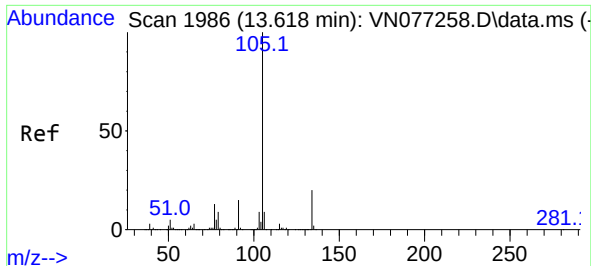
Tgt Ion:	119	Resp:	72105
Ion	Ratio	Lower	Upper
119	100		
91	68.8	33.5	100.4
134	27.2	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 124.099 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion:	105	Resp:	4498392
Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.5	67.5

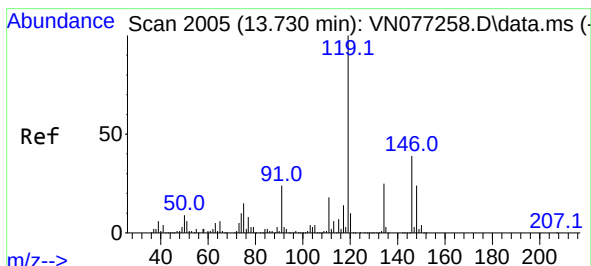
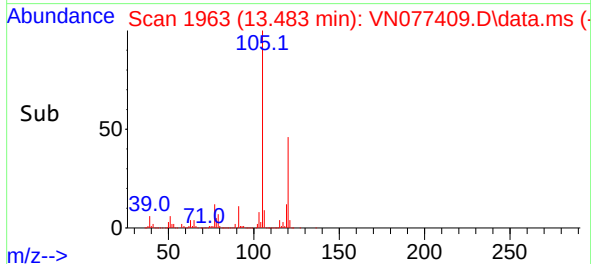
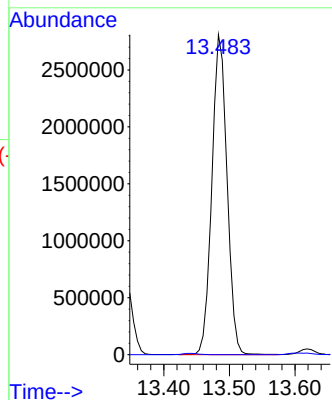
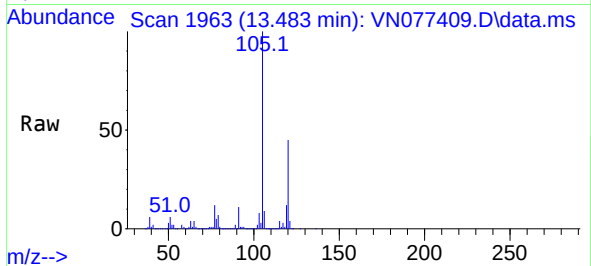




#85
 sec-Butylbenzene
 Concen: 98.833 ug/l
 RT: 13.483 min Scan# 1986
 Delta R.T. -0.135 min
 Lab File: VN077409.D
 Acq: 20 Apr 2023 18:47

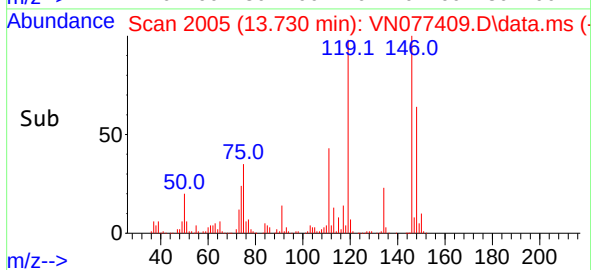
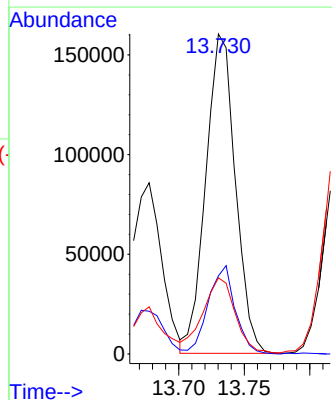
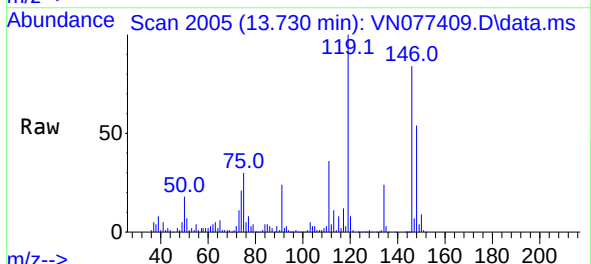
Instrument :
 MSVOA_N
 ClientSampleId :
 SPA-3WC-23-04

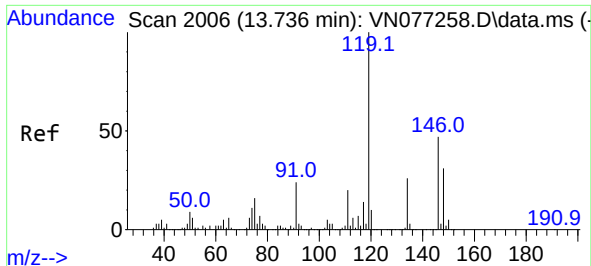
Tgt Ion:105 Resp: 4498364
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 7.030 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077409.D
 Acq: 20 Apr 2023 18:47

Tgt Ion:119 Resp: 251465
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.6
 91 25.5 12.3 36.8

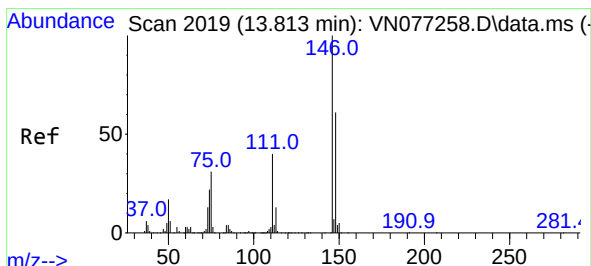
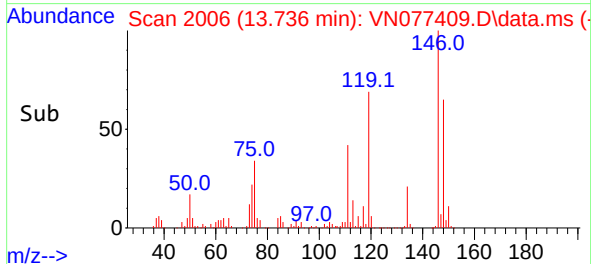
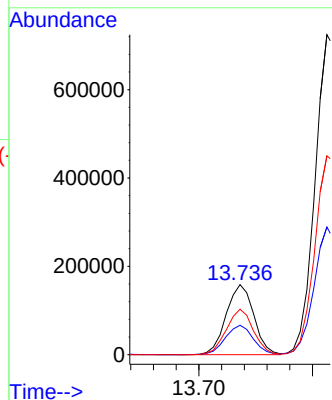
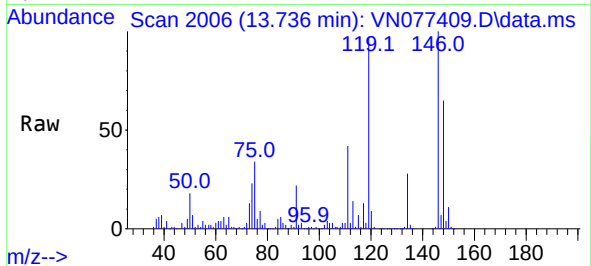




#87
1,3-Dichlorobenzene
Concen: 15.482 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

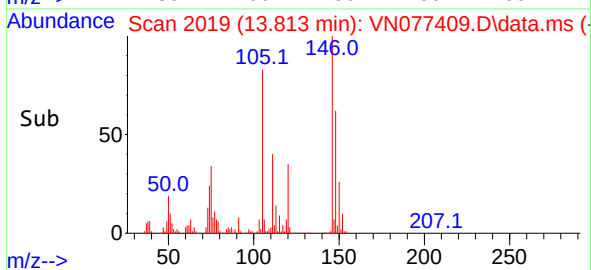
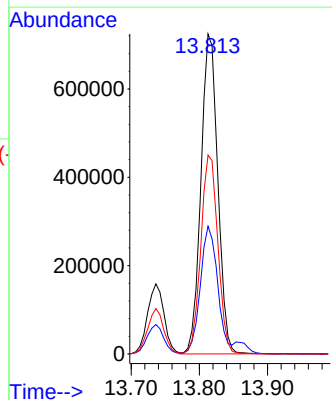
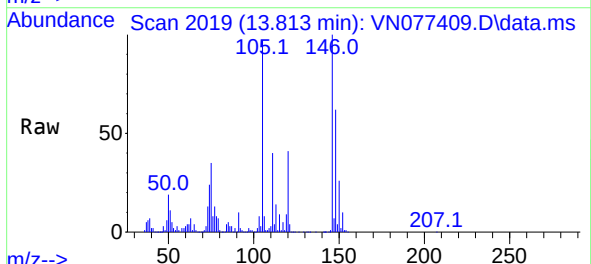
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

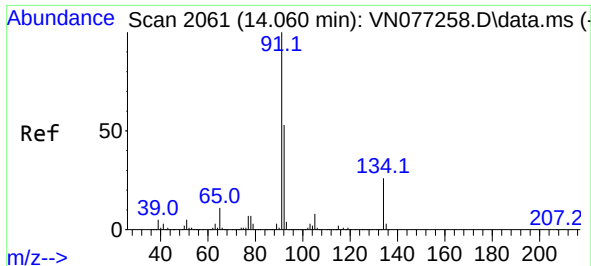
Tgt Ion:146 Resp: 267548
Ion Ratio Lower Upper
146 100
111 42.6 21.8 65.4
148 63.5 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 72.969 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion:146 Resp: 1243488
Ion Ratio Lower Upper
146 100
111 40.7 20.4 61.2
148 63.1 31.6 95.0

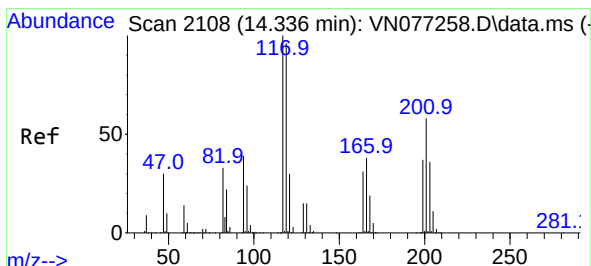
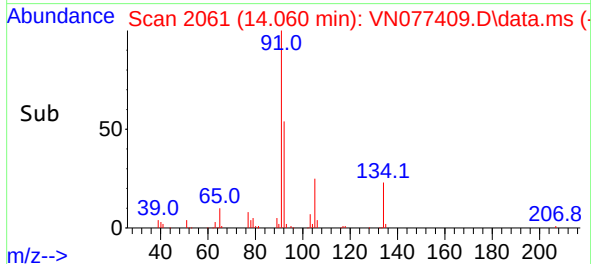
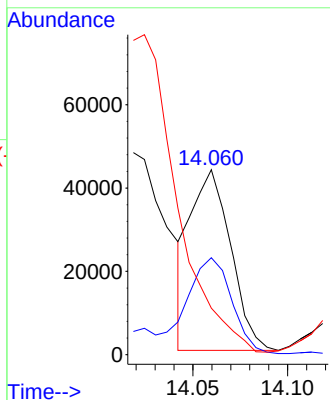
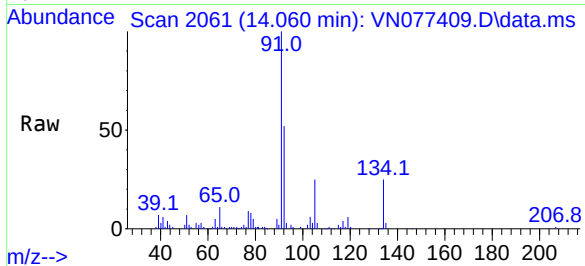




#89
n-Butylbenzene
Concen: 2.159 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

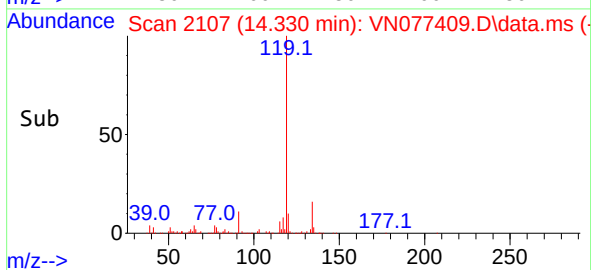
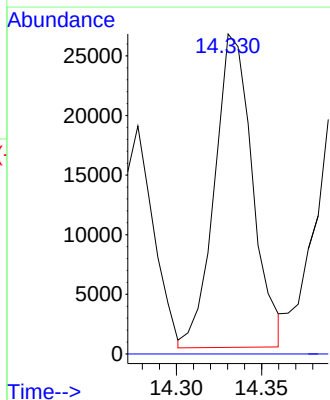
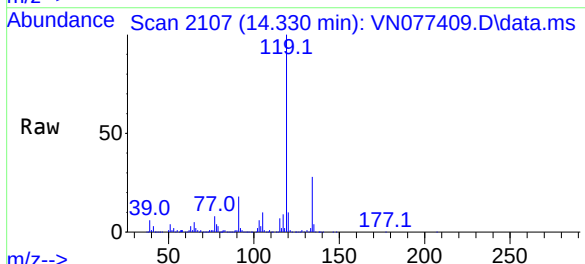
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

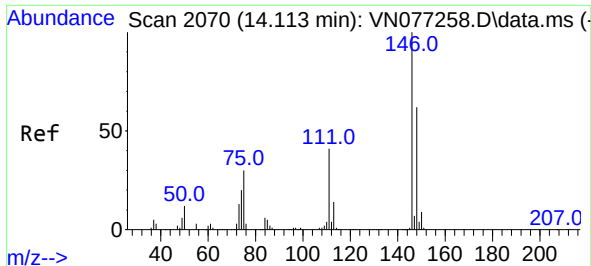
Tgt Ion: 91 Resp: 64101
Ion Ratio Lower Upper
91 100
92 59.8 26.7 80.0
134 0.0 12.8 38.3#



#90
Hexachloroethane
Concen: 5.213 ug/l
RT: 14.330 min Scan# 2107
Delta R.T. -0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 117 Resp: 40772
Ion Ratio Lower Upper
117 100
201 0.0 29.8 89.5#





#91

1,2-Dichlorobenzene

Concen: 140.784 ug/l

RT: 14.107 min Scan# 2070

Delta R.T. -0.006 min

Lab File: VN077409.D

Acq: 20 Apr 2023 18:47

Instrument :

MSVOA_N

ClientSampleId :

SPA-3WC-23-04

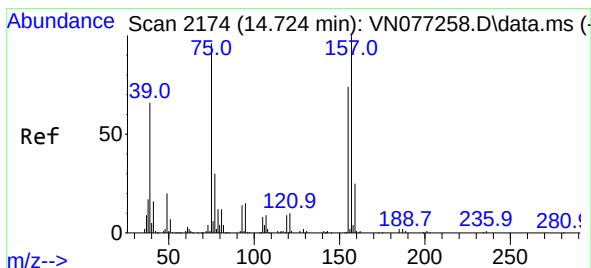
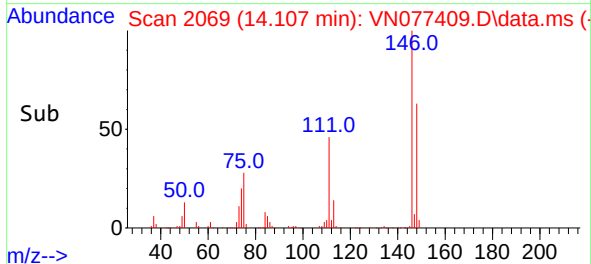
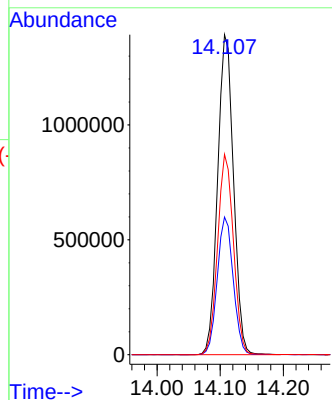
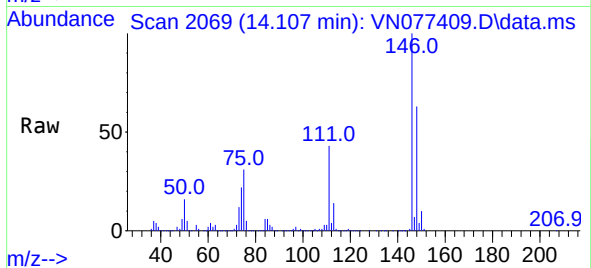
Tgt Ion:146 Resp: 2433804

Ion Ratio Lower Upper

146 100

111 43.2 21.9 65.5

148 62.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.309 ug/l

RT: 14.701 min Scan# 2170

Delta R.T. -0.023 min

Lab File: VN077409.D

Acq: 20 Apr 2023 18:47

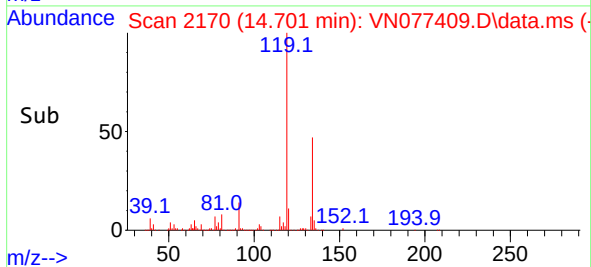
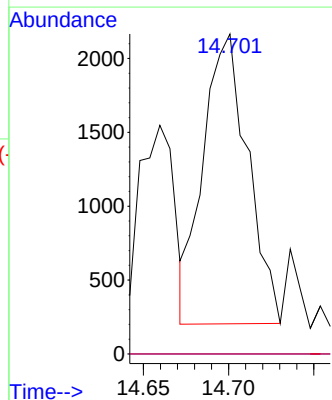
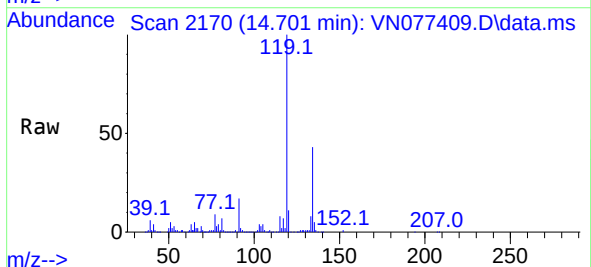
Tgt Ion: 75 Resp: 3577

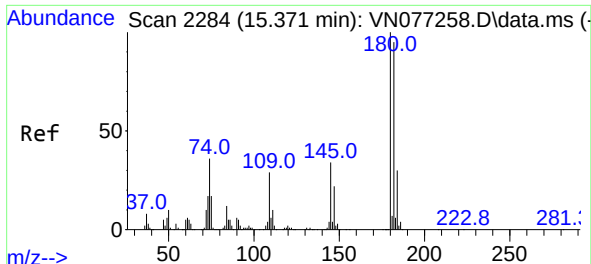
Ion Ratio Lower Upper

75 100

155 0.0 41.0 123.2#

157 0.0 54.0 162.0#

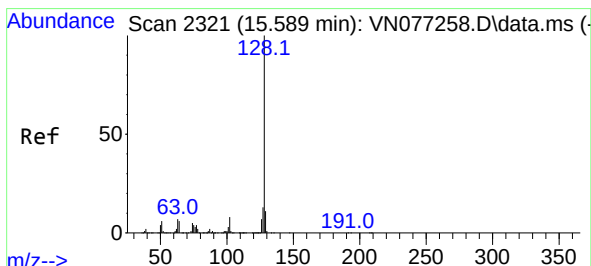
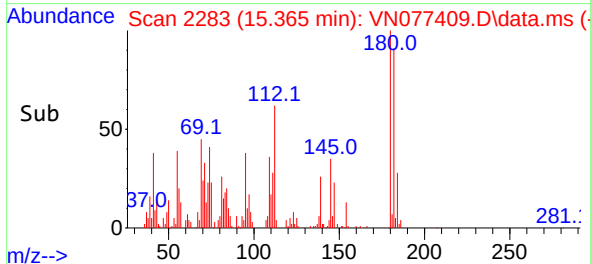
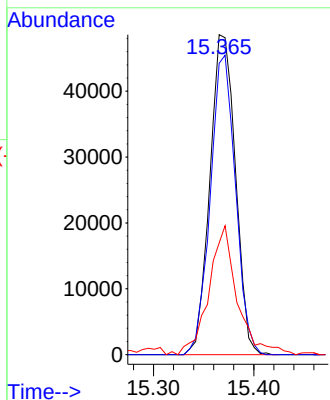
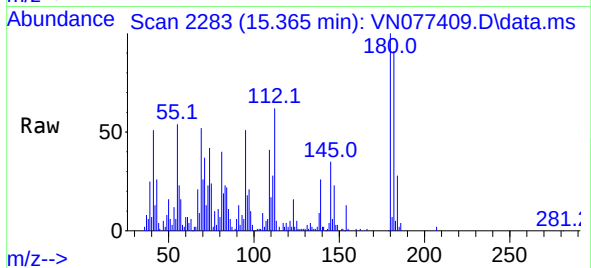




#93
1,2,4-Trichlorobenzene
Concen: 13.784 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

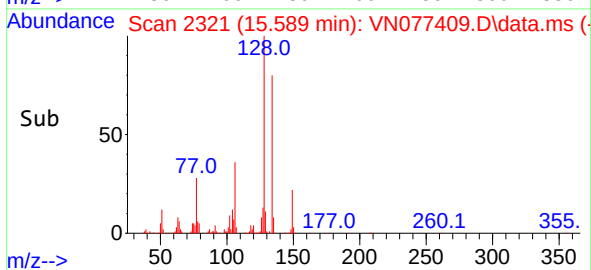
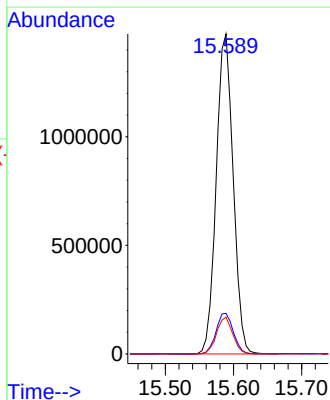
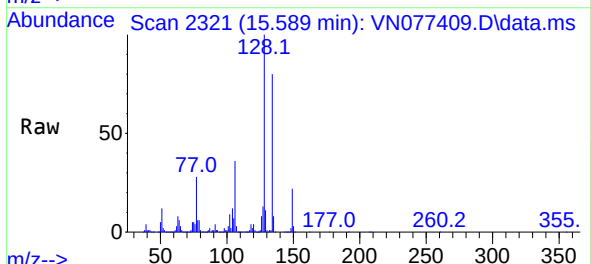
Instrument :
MSVOA_N
ClientSampleId :
SPA-3WC-23-04

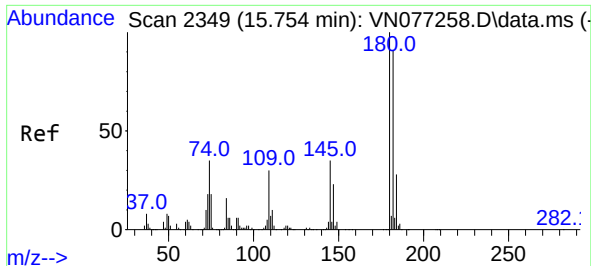
Tgt Ion:180 Resp: 86018
Ion Ratio Lower Upper
180 100
182 92.2 46.7 140.0
145 44.6 16.6 49.8



#95
Naphthalene
Concen: 108.611 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077409.D
Acq: 20 Apr 2023 18:47

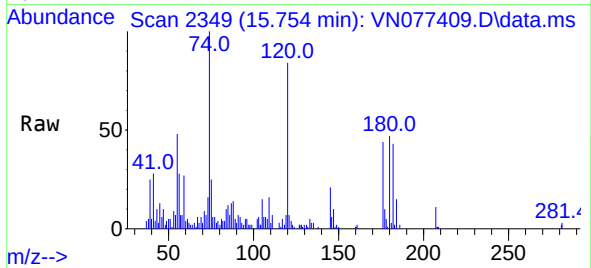
Tgt Ion:128 Resp: 2546187
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 2.643 ug/l
 RT: 15.754 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077409.D
 Acq: 20 Apr 2023 18:47

Instrument :
 MSVOA_N
 ClientSampleId :
 SPA-3WC-23-04



Tgt Ion:	180	Resp:	15779
Ion	Ratio	Lower	Upper
180	100		
182	105.4	46.9	140.8
145	62.5	17.6	52.8#

