

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077413.D
 Acq On : 20 Apr 2023 20:24
 Operator : JC\MD
 Sample : 02386-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPA-2WC-23-04

Quant Time: Apr 21 02:42:23 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	8.231	168	564873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1074951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	991197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	433155	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	365335	47.321	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.640%
35) Dibromofluoromethane	8.172	113	325716	47.332	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	10.572	98	1313227	47.404	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.800%
62) 4-Bromofluorobenzene	12.854	95	494881	53.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.420%

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.525	59	2620	1.663	ug/l #	91
13) Acrolein	4.201	56	540	0.362	ug/l #	28
16) Acetone	4.443	43	101270	35.577	ug/l	96
17) Carbon Disulfide	4.719	76	5234	0.293	ug/l #	73
18) Methyl Acetate	5.043	43	11406	1.052	ug/l #	71
20) Methylene Chloride	5.284	84	21961	2.732	ug/l	88
25) 2-Butanone	7.495	43	25085	5.430	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	4925	0.557	ug/l	77
29) Tetrahydrofuran	7.866	42	665	0.224	ug/l #	63
31) Cyclohexane	8.225	56	21153	1.763	ug/l #	39
36) 1,1-Dichloropropene	8.231	75	48059	4.722	ug/l #	51
37) Ethyl Acetate	7.566	43	80634	8.855	ug/l #	95
38) Carbon Tetrachloride	8.236	117	62902	6.032	ug/l #	14
39) Methylcyclohexane	9.607	83	24820	1.809	ug/l #	86
40) Benzene	8.613	78	1068404	33.655	ug/l	98
42) 1,2-Dichloroethane	8.607	62	9222	0.944	ug/l	75
43) Isopropyl Acetate	8.695	43	356891	21.240	ug/l #	90
48) Methyl methacrylate	9.666	41	7514	1.048	ug/l #	35
49) 1,4-Dioxane	9.719	88	73	0.420	ug/l #	28
51) 4-Methyl-2-Pentanone	10.448	43	24799	2.553	ug/l #	82
52) Toluene	10.636	92	350253	16.856	ug/l	99
54) cis-1,3-Dichloropropene	10.360	75	129459	9.858	ug/l #	64
55) 1,1,2-Trichloroethane	11.007	97	5266	0.646	ug/l #	18
57) 1,3-Dichloropropane	11.201	76	12331	0.915	ug/l #	42
59) 2-Hexanone	11.172	43	382094	52.806	ug/l #	20
65) Chlorobenzene	11.895	112	1637779	75.050	ug/l	99
67) Ethyl Benzene	11.966	91	3774712	93.737	ug/l	97
68) m/p-Xylenes	12.071	106	1827481	115.498	ug/l	99
69) o-Xylene	12.401	106	987770	63.280	ug/l	100
70) Styrene	12.401	104	62249	2.478	ug/l #	1
71) Bromoform	12.848	173	1798	0.309	ug/l #	1
73) Isopropylbenzene	12.701	105	251129	5.969	ug/l	99
76) 1,2,3-Trichloropropane	12.848	75	266266	25.815	ug/l #	1
78) n-propylbenzene	13.036	91	274745	5.910	ug/l	98
79) 2-Chlorotoluene	13.130	91	80492	2.876	ug/l	88
80) 1,3,5-Trimethylbenzene	13.177	105	227726	6.777	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

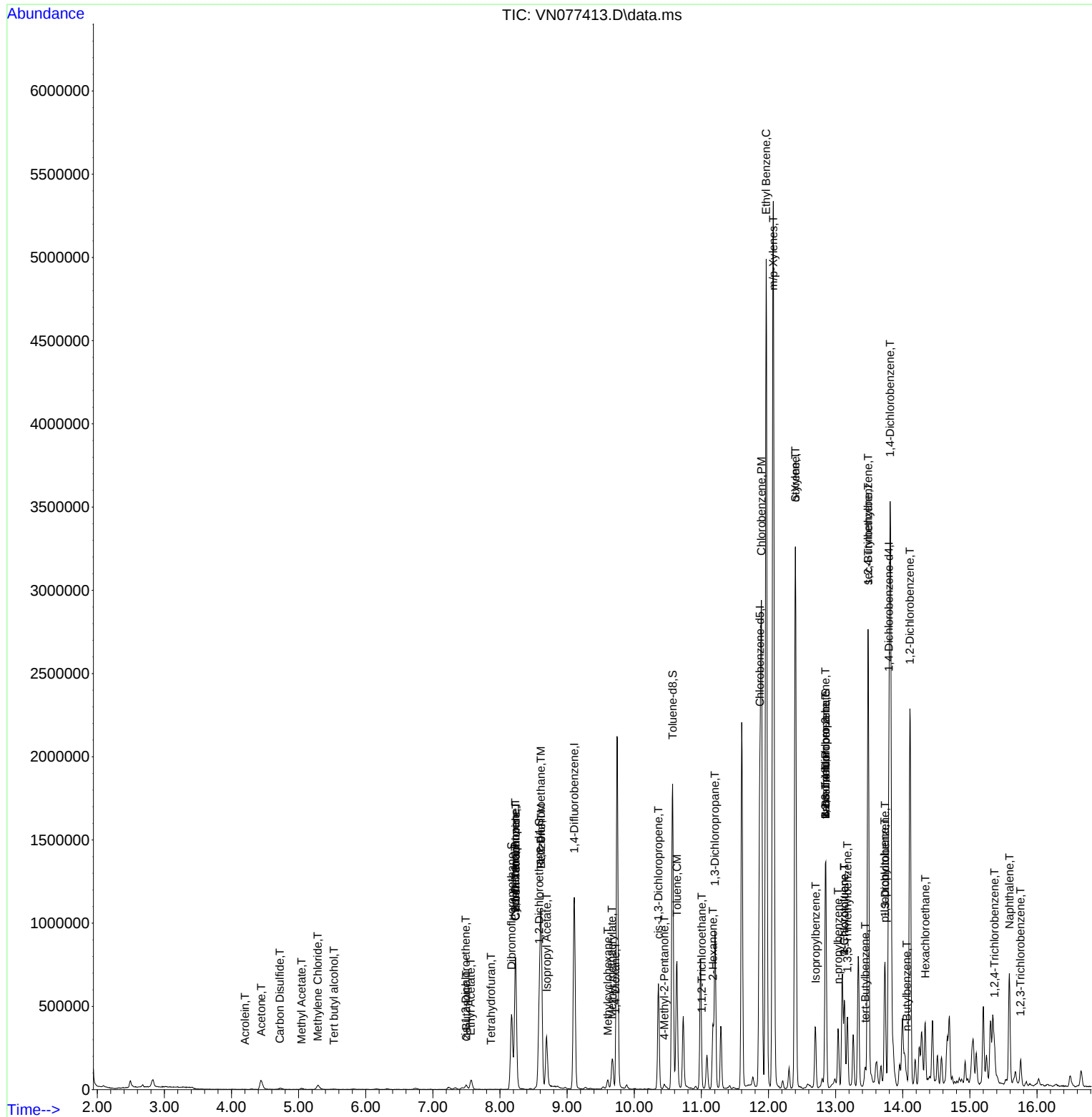
81) trans-1,4-Dichloro-2-b...	12.848	75	266266	58.091	ug/l #	13
82) 4-Chlorotoluene	13.130	91	80492	3.050	ug/l	88
83) tert-Butylbenzene	13.442	119	59452	1.988	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	1636004	49.280	ug/l	100
85) sec-Butylbenzene	13.483	105	1635146	39.227	ug/l #	57
86) p-Isopropyltoluene	13.730	119	100331	3.063	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	247645	15.648	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	992222	63.574	ug/l	99
89) n-Butylbenzene	14.060	91	36792	1.353	ug/l #	82
90) Hexachloroethane	14.336	117	18218	2.543	ug/l #	21
91) 1,2-Dichlorobenzene	14.107	146	957790	60.495	ug/l	100
93) 1,2,4-Trichlorobenzene	15.365	180	38427	6.723	ug/l	92
95) Naphthalene	15.589	128	513260	23.906	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	5290	0.968	ug/l	93

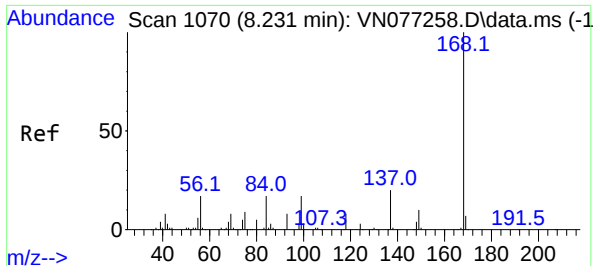
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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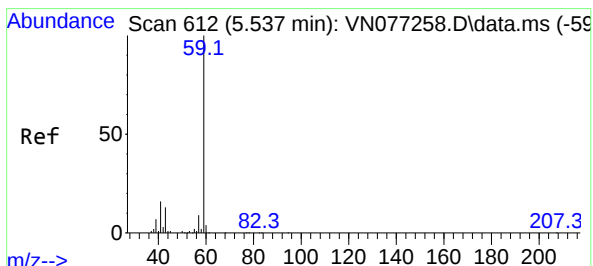
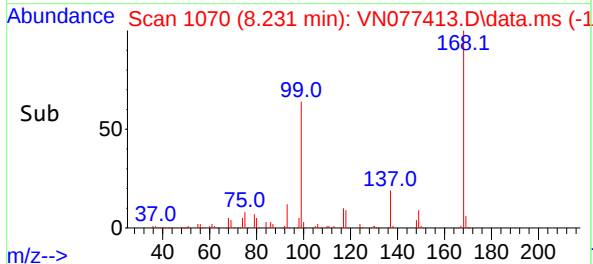
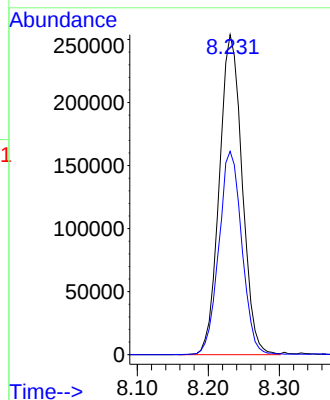
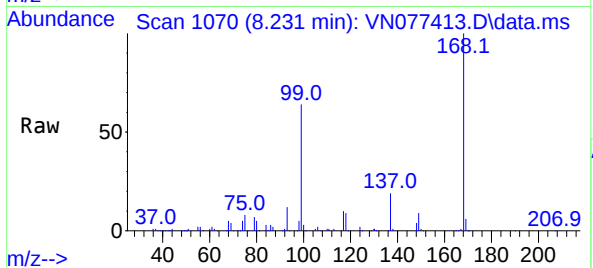




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

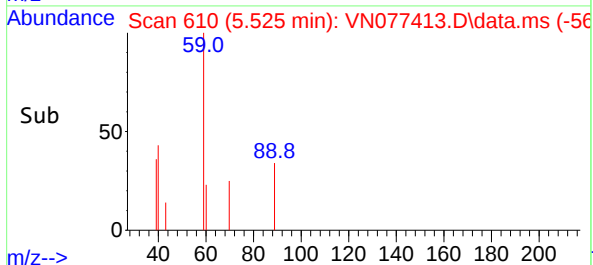
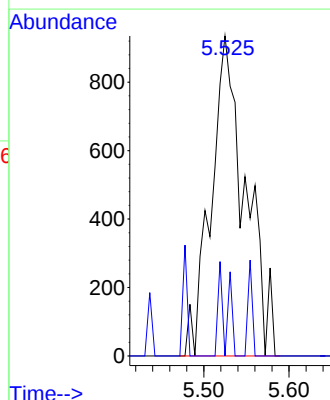
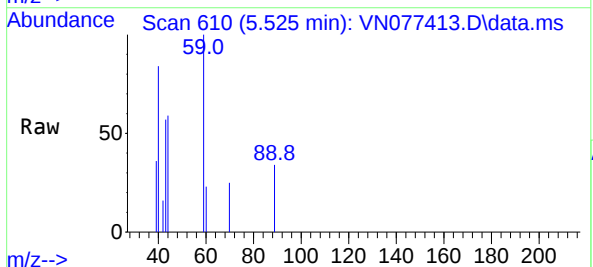
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

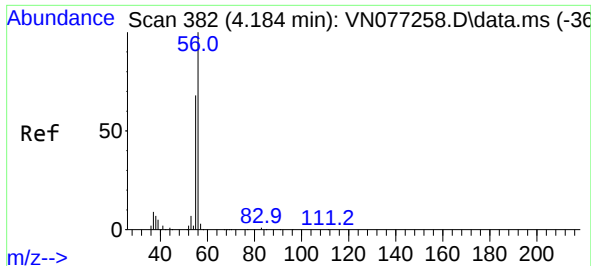
Tgt Ion:168 Resp: 564873
Ion Ratio Lower Upper
168 100
99 63.6 50.6 75.8



#11
Tert butyl alcohol
Concen: 1.663 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.012 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 59 Resp: 2620
Ion Ratio Lower Upper
59 100
57 7.0 8.3 12.5#

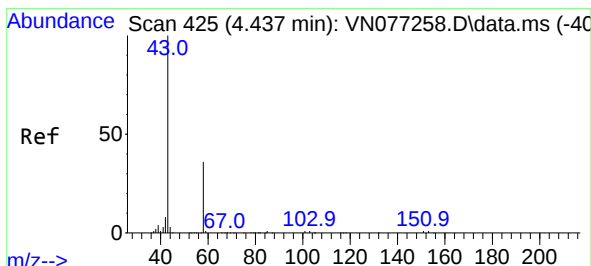
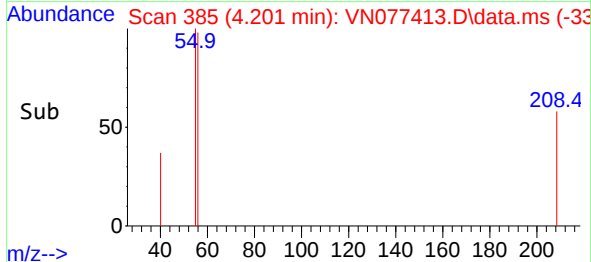
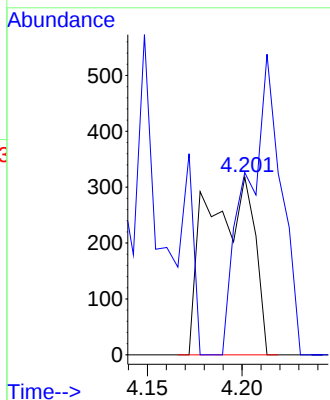
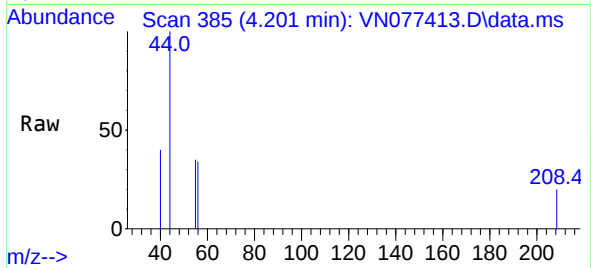




#13
Acrolein
Concen: 0.362 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.017 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

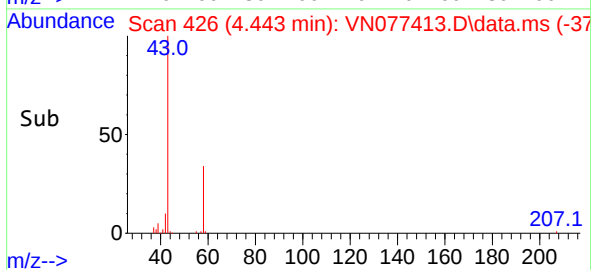
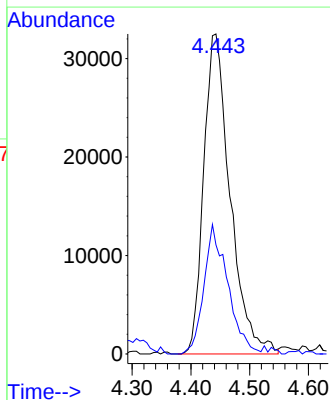
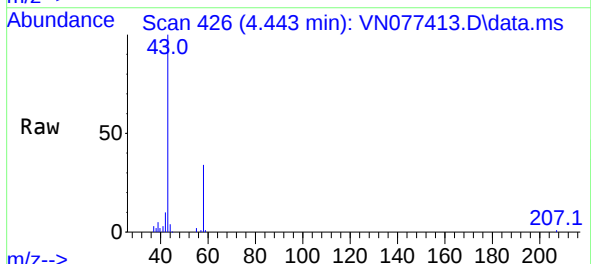
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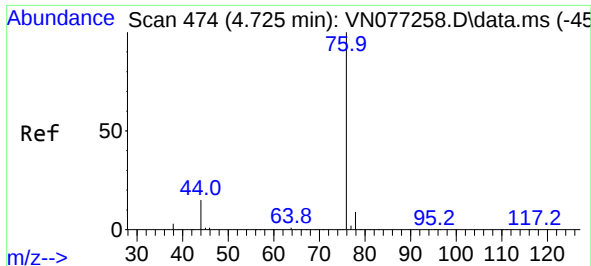
Tgt Ion: 56 Resp: 540
Ion Ratio Lower Upper
56 100
55 126.1 54.2 81.2#



#16
Acetone
Concen: 35.577 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 43 Resp: 101270
Ion Ratio Lower Upper
43 100
58 34.1 29.0 43.6

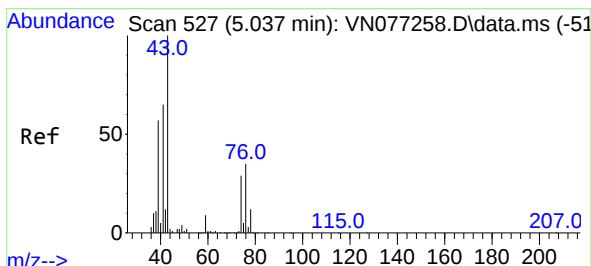
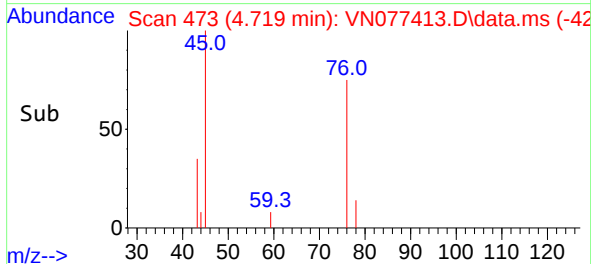
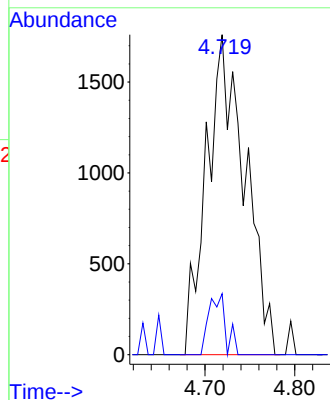
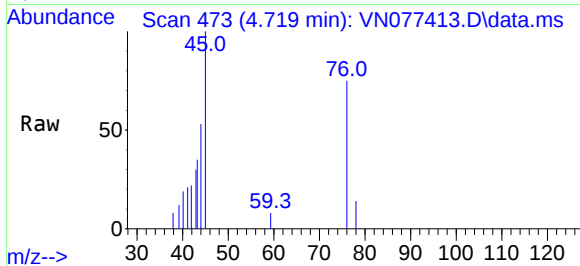




#17
Carbon Disulfide
Concen: 0.293 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

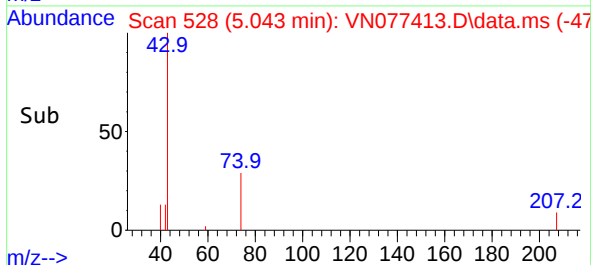
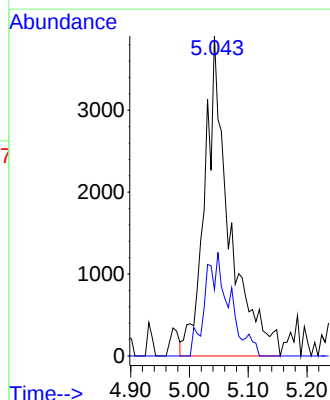
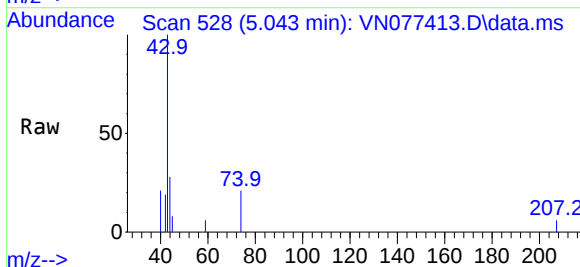
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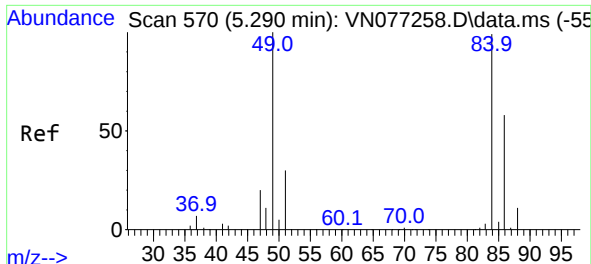
Tgt Ion: 76 Resp: 5234
Ion Ratio Lower Upper
76 100
78 19.0 7.3 10.9#



#18
Methyl Acetate
Concen: 1.052 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 43 Resp: 11406
Ion Ratio Lower Upper
43 100
74 13.9 23.4 35.2#

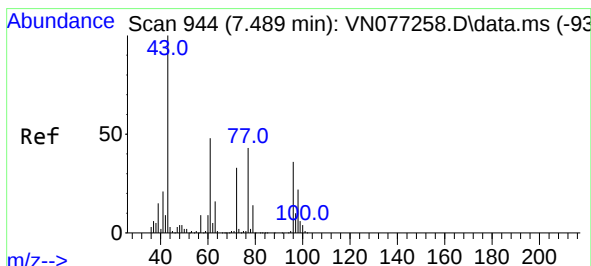
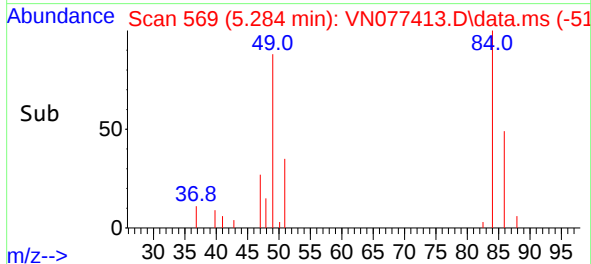
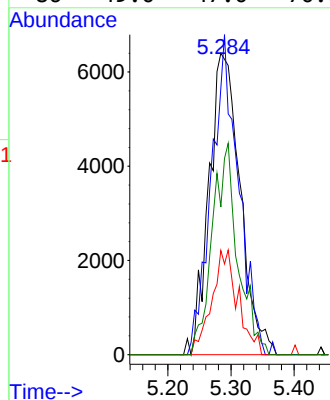
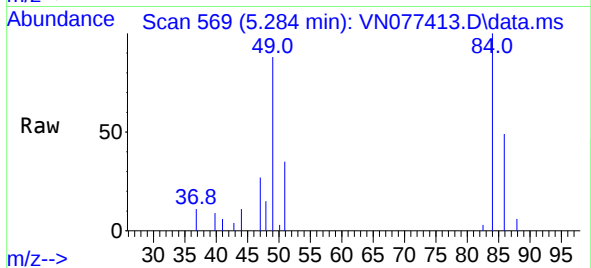




#20
Methylene Chloride
Concen: 2.732 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

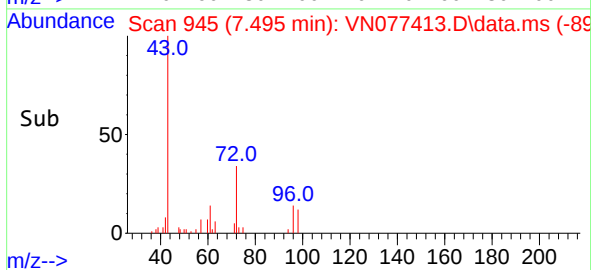
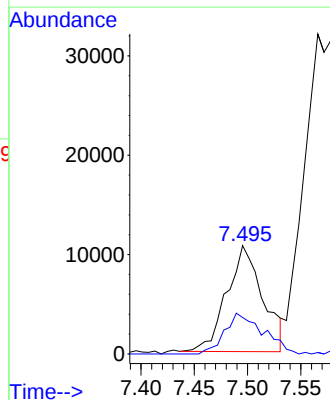
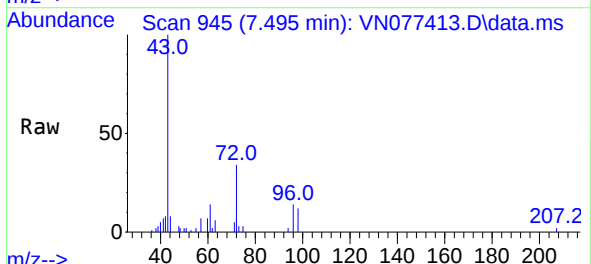
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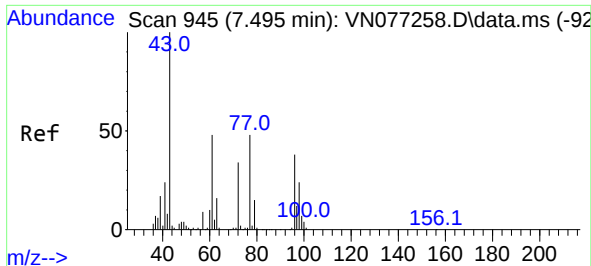
Tgt Ion:	84	Resp:	21961
Ion	Ratio	Lower	Upper
84	100		
49	88.4	80.6	121.0
51	34.6	24.4	36.6
86	49.0	47.0	70.6



#25
2-Butanone
Concen: 5.430 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion:	43	Resp:	25085
Ion	Ratio	Lower	Upper
43	100		
72	34.5	26.6	39.8

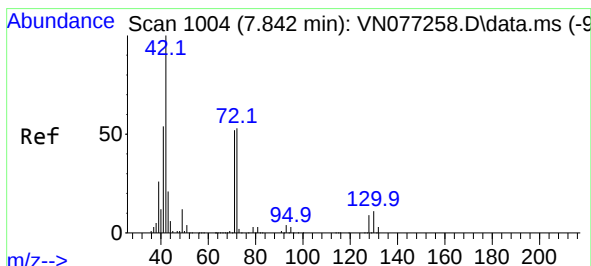
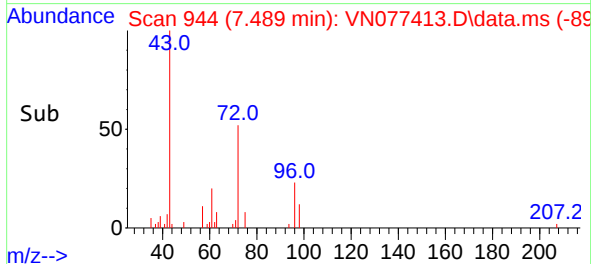
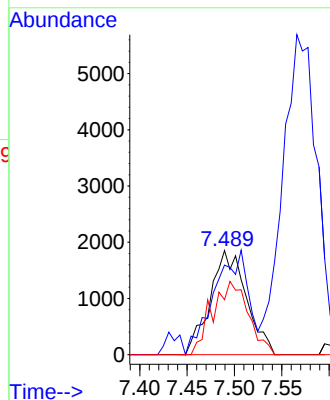
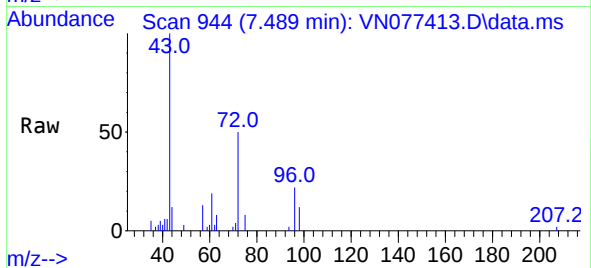




#27
cis-1,2-Dichloroethene
Concen: 0.557 ug/l
RT: 7.489 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

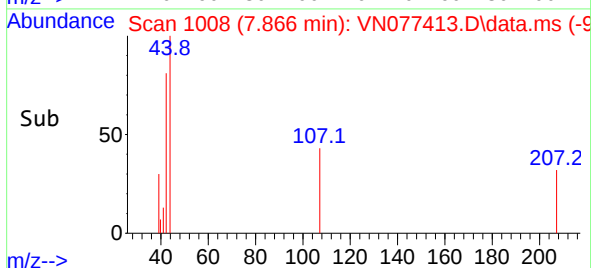
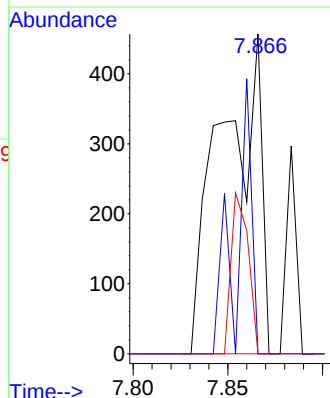
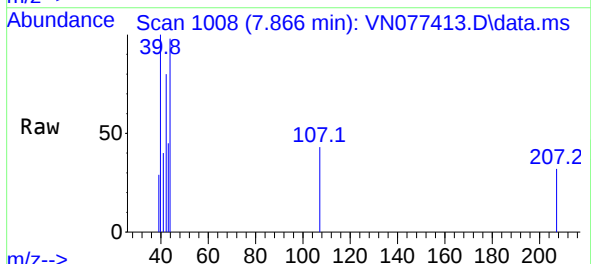
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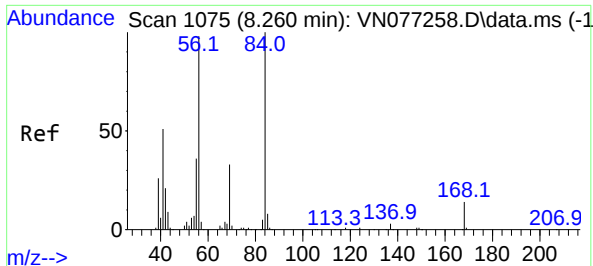
Tgt Ion: 96 Resp: 4925
Ion Ratio Lower Upper
96 100
61 94.7 0.0 261.0
98 70.1 0.0 128.0



#29
Tetrahydrofuran
Concen: 0.224 ug/l
RT: 7.866 min Scan# 1008
Delta R.T. 0.024 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 42 Resp: 665
Ion Ratio Lower Upper
42 100
72 32.9 44.6 66.8#
71 21.5 41.3 61.9#

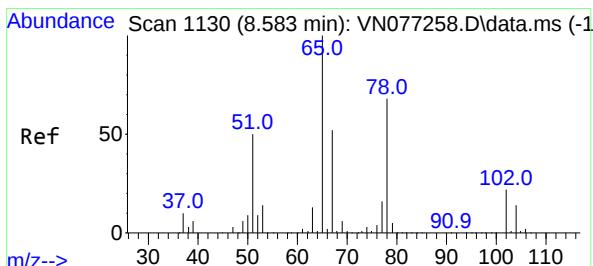
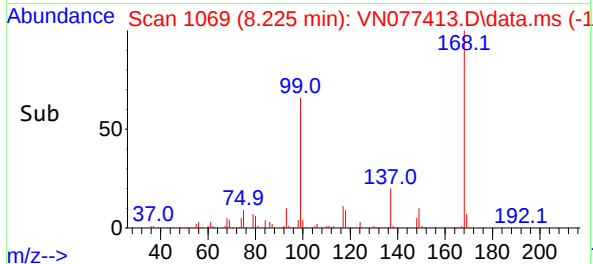
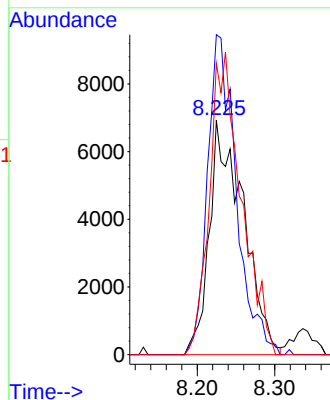
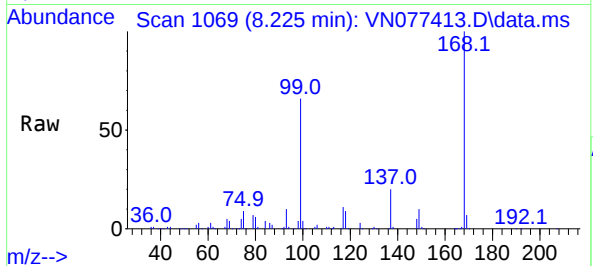




#31
Cyclohexane
Concen: 1.763 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

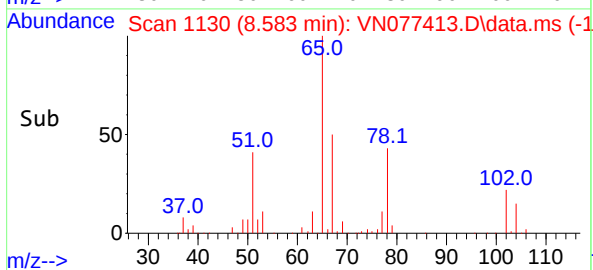
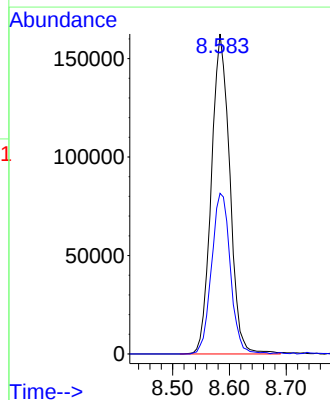
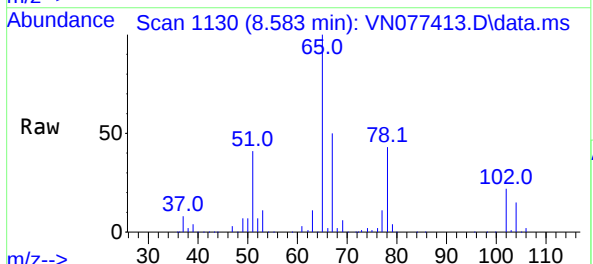
Instrument :
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ClientSampleId :
SPA-2WC-23-04

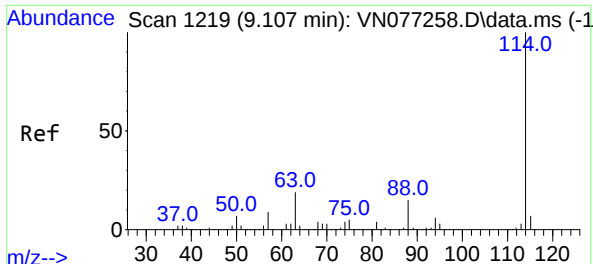
Tgt Ion: 56 Resp: 21153
Ion Ratio Lower Upper
56 100
69 136.4 26.6 40.0#
84 124.1 81.8 122.8#



#33
1,2-Dichloroethane-d4
Concen: 47.321 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 65 Resp: 365335
Ion Ratio Lower Upper
65 100
67 51.3 0.0 108.8

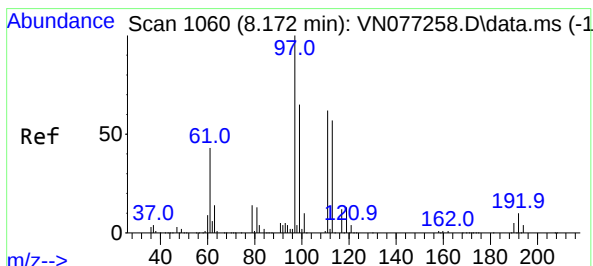
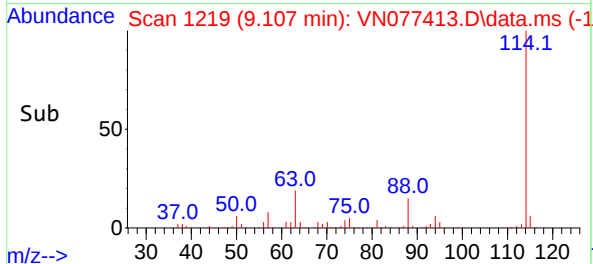
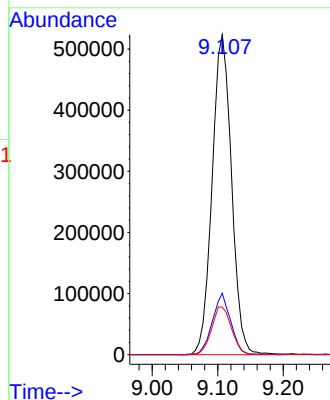
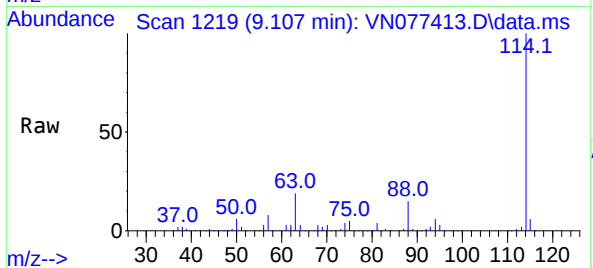




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

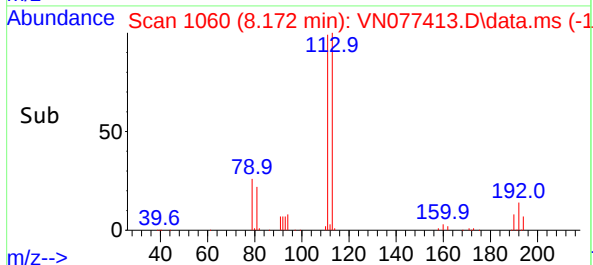
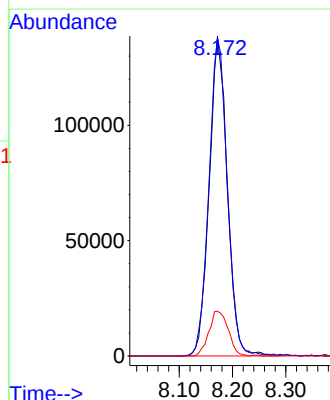
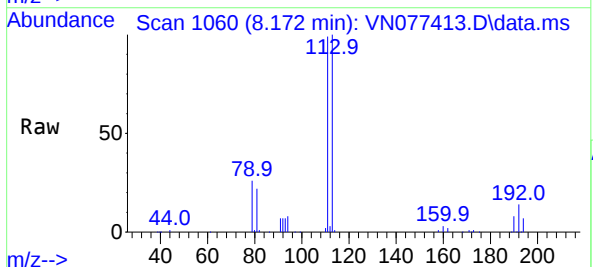
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

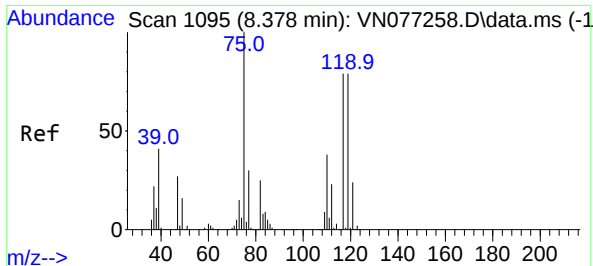
Tgt Ion:114 Resp: 1074951
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.8
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.332 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion:113 Resp: 325716
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.0
192 15.0 13.5 20.3

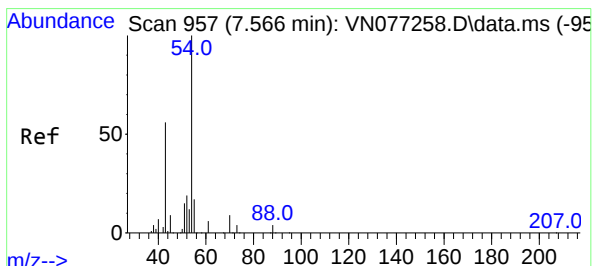
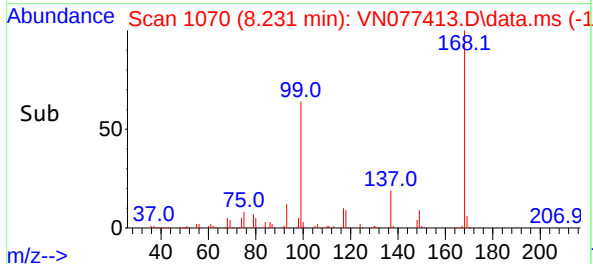
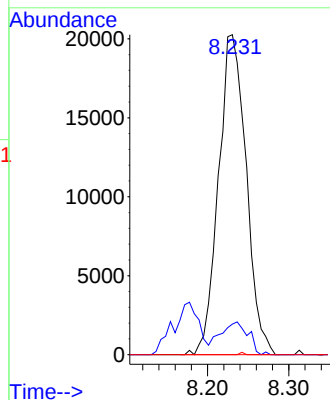
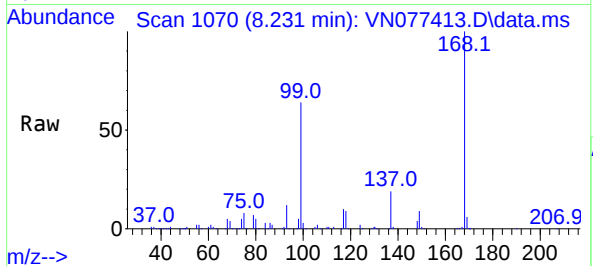




#36
1,1-Dichloropropene
Concen: 4.722 ug/l
RT: 8.231 min Scan# 1095
Delta R.T. -0.147 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

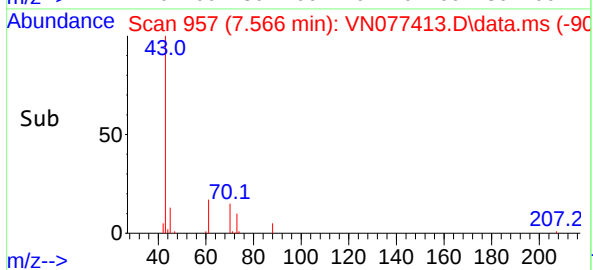
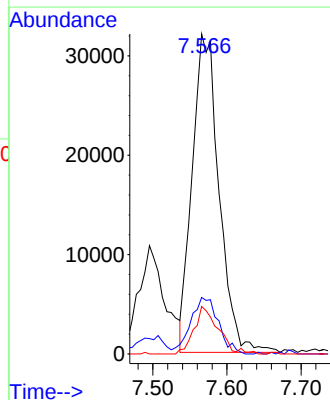
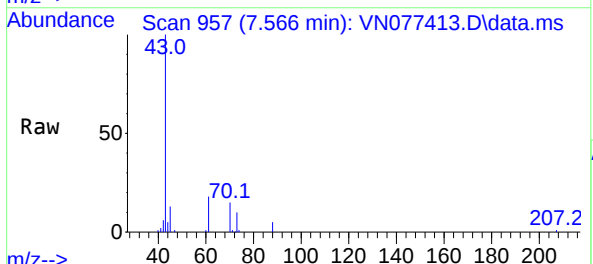
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

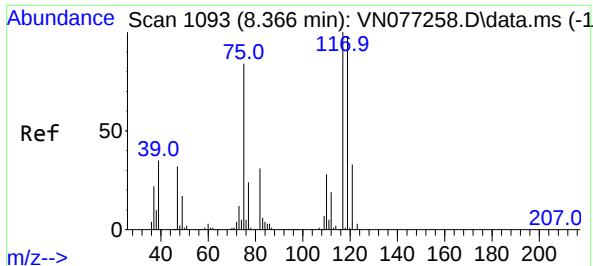
Tgt Ion: 75 Resp: 48059
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 8.855 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 43 Resp: 80634
Ion Ratio Lower Upper
43 100
61 18.4 12.2 18.2#
70 12.9 10.0 15.0

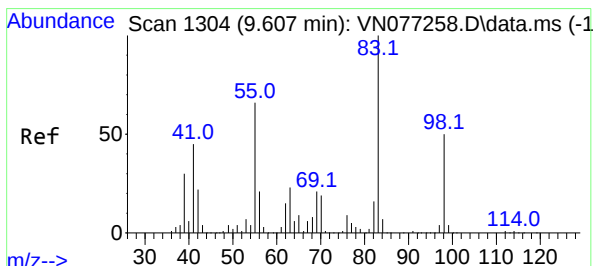
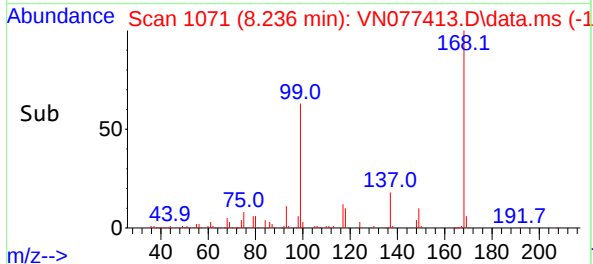
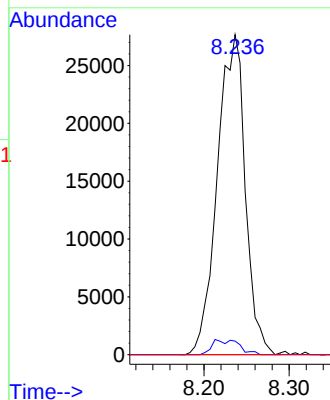
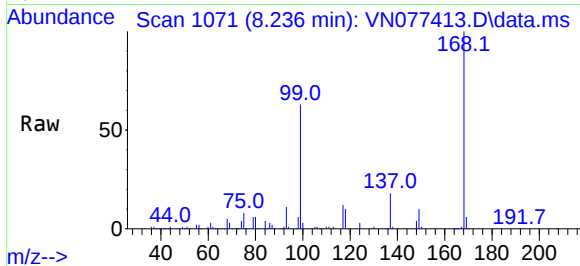




#38
Carbon Tetrachloride
Concen: 6.032 ug/l
RT: 8.236 min Scan# 1093
Delta R.T. -0.130 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

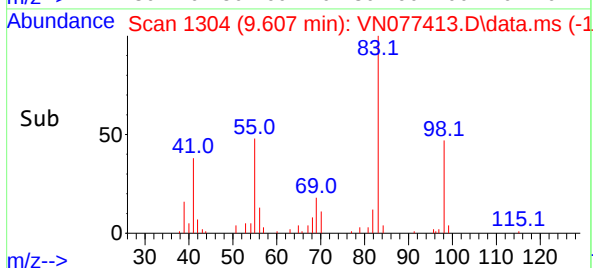
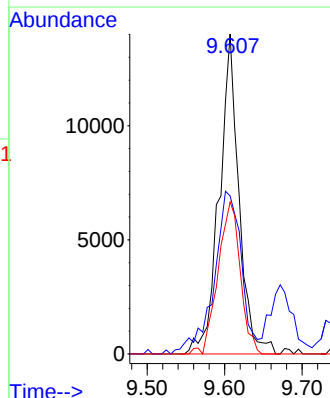
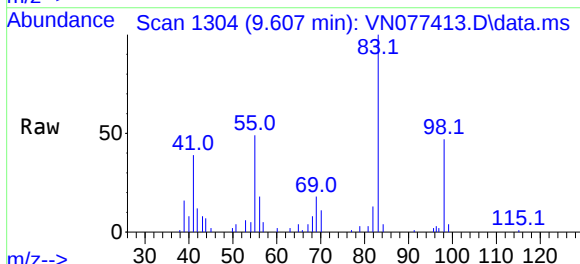
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

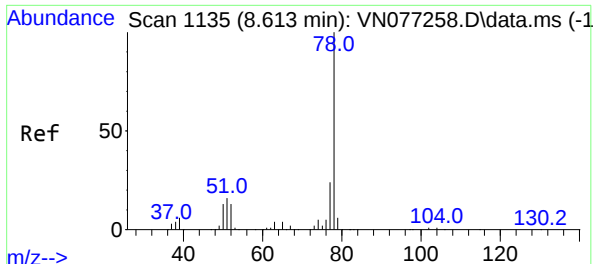
Tgt Ion:117 Resp: 62902
Ion Ratio Lower Upper
117 100
119 4.2 78.5 117.7#
121 0.0 26.6 40.0#



#39
Methylcyclohexane
Concen: 1.809 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 83 Resp: 24820
Ion Ratio Lower Upper
83 100
55 47.9 52.4 78.6#
98 47.5 39.8 59.6

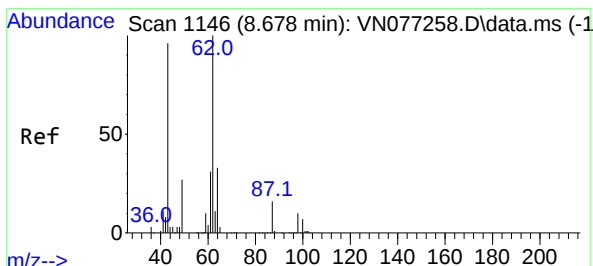
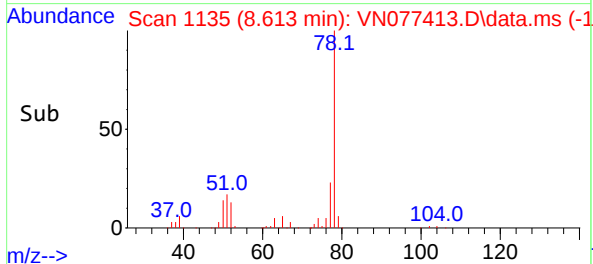
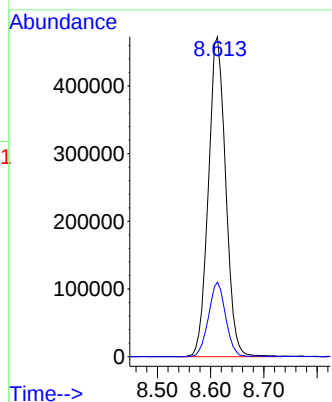
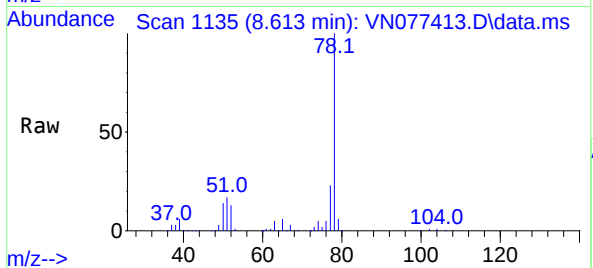




#40
Benzene
Concen: 33.655 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

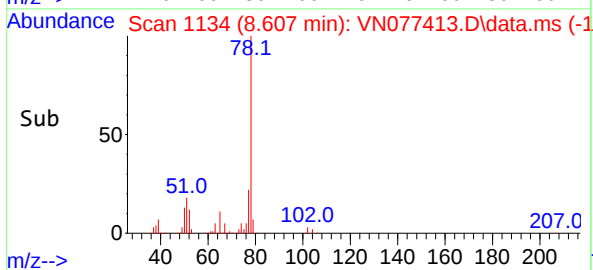
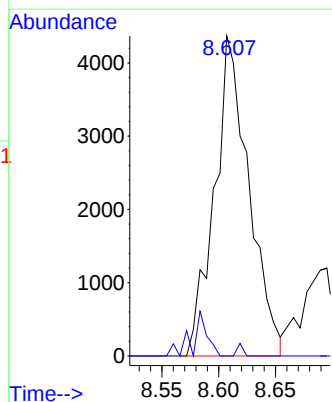
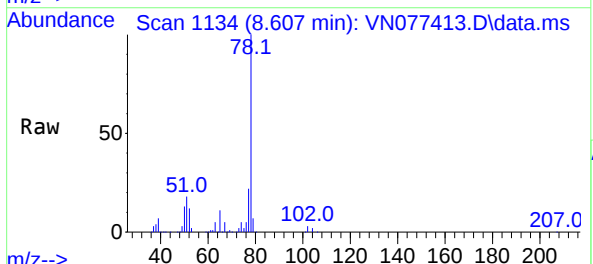
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

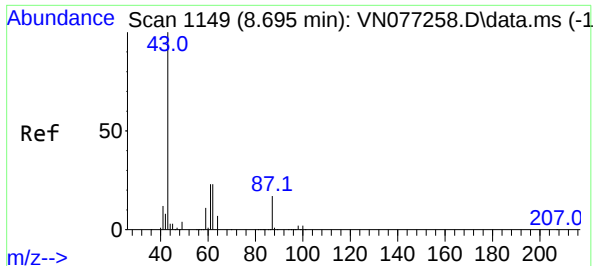
Tgt Ion: 78 Resp: 1068404
Ion Ratio Lower Upper
78 100
77 23.3 19.5 29.3



#42
1,2-Dichloroethane
Concen: 0.944 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.071 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 62 Resp: 9222
Ion Ratio Lower Upper
62 100
98 0.7 0.0 20.2

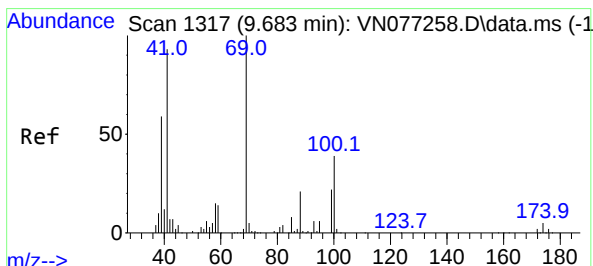
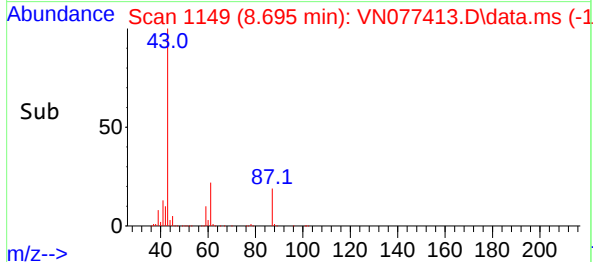
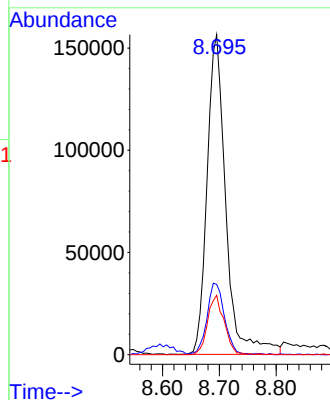
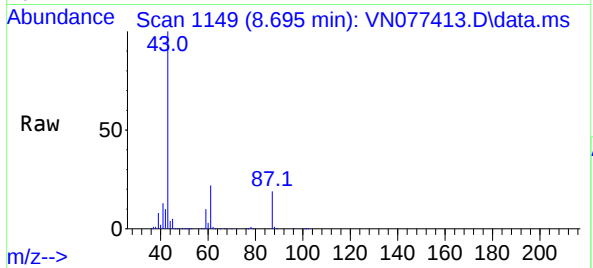




#43
Isopropyl Acetate
Concen: 21.240 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

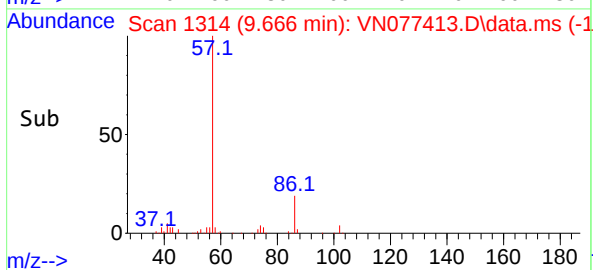
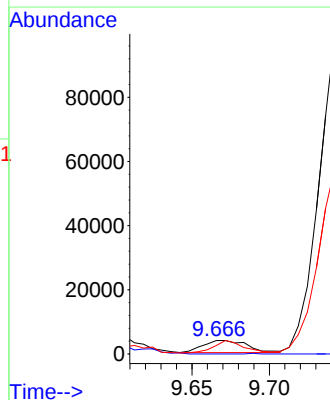
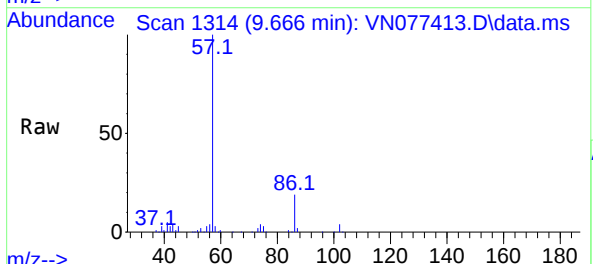
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

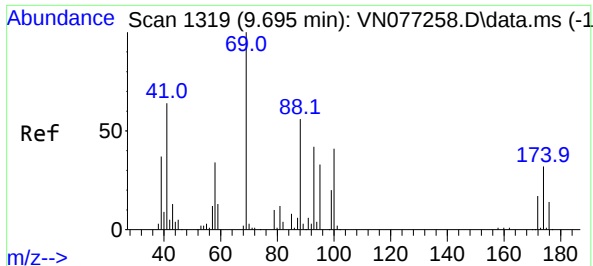
Tgt Ion: 43 Resp: 356891
Ion Ratio Lower Upper
43 100
61 20.7 22.7 34.1#
87 16.4 13.6 20.4



#48
Methyl methacrylate
Concen: 1.048 ug/l
RT: 9.666 min Scan# 1314
Delta R.T. -0.017 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 41 Resp: 7514
Ion Ratio Lower Upper
41 100
69 0.0 85.0 127.6#
39 71.3 53.5 80.3

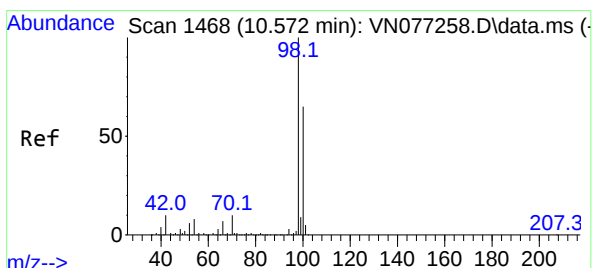
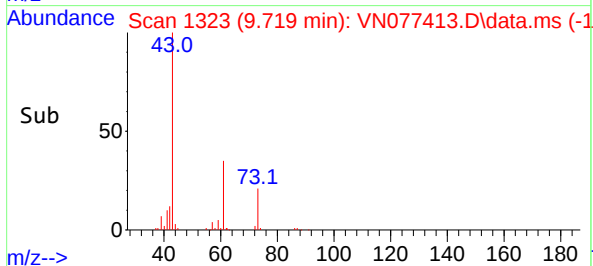
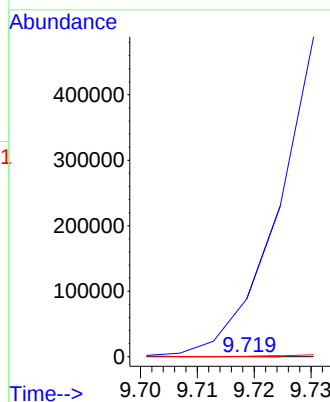
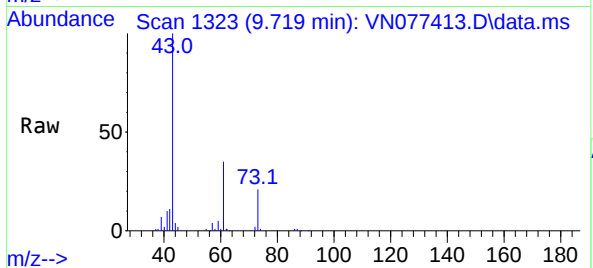




#49
1,4-Dioxane
Concen: 0.420 ug/l
RT: 9.719 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

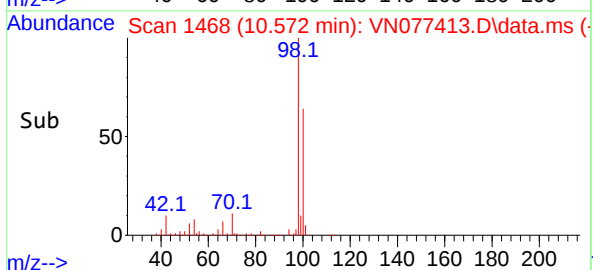
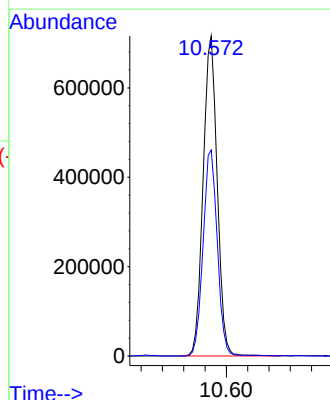
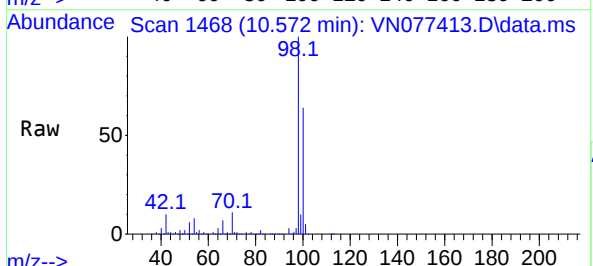
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

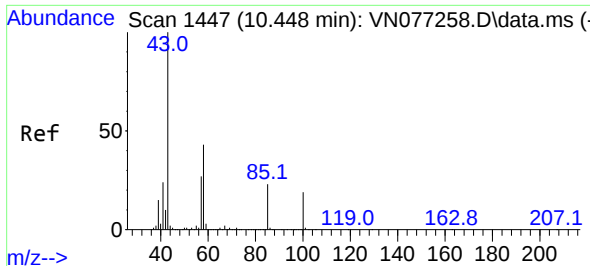
Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 49.8 74.6#



#50
Toluene-d8
Concen: 47.404 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 98 Resp: 1313227
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 2.553 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN077413.D

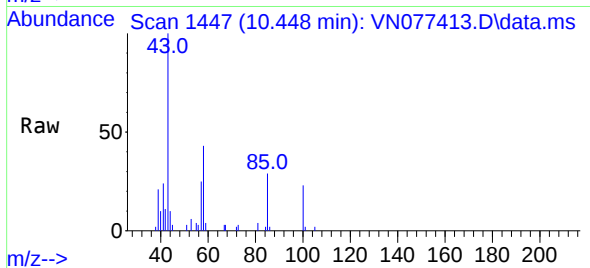
Acq: 20 Apr 2023 20:24

Instrument :

MSVOA_N

ClientSampleId :

SPA-2WC-23-04

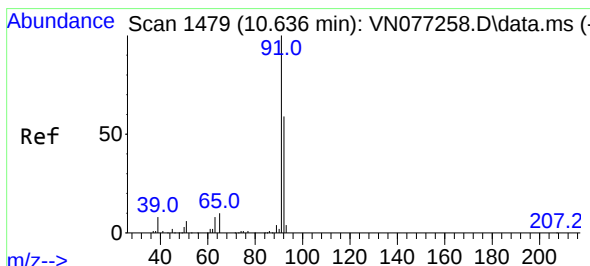
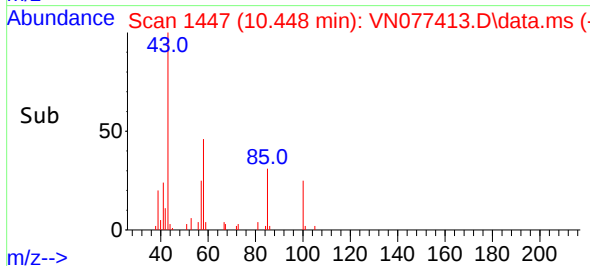
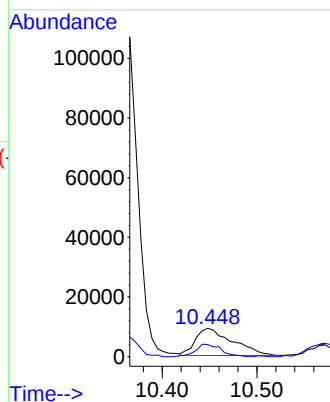


Tgt Ion: 43 Resp: 24799

Ion Ratio Lower Upper

43 100

58 31.5 34.6 52.0#



#52

Toluene

Concen: 16.856 ug/l

RT: 10.636 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VN077413.D

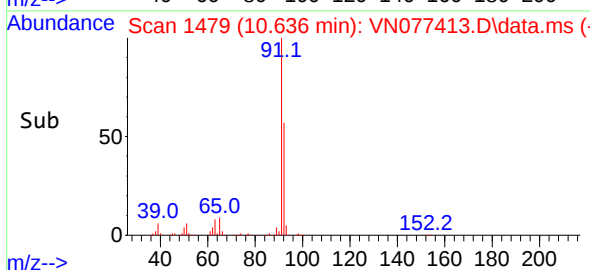
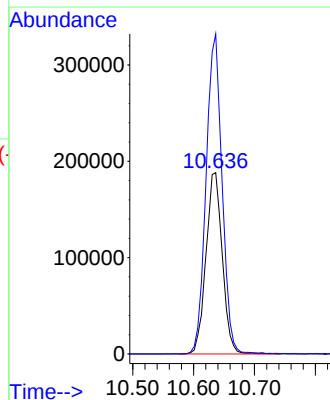
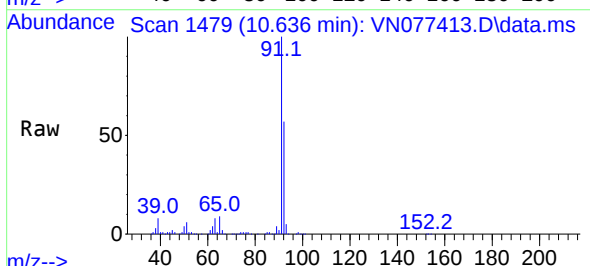
Acq: 20 Apr 2023 20:24

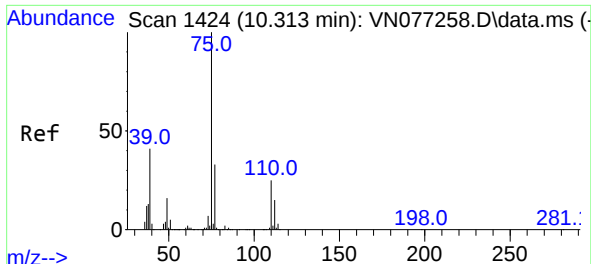
Tgt Ion: 92 Resp: 350253

Ion Ratio Lower Upper

92 100

91 173.4 138.0 207.0

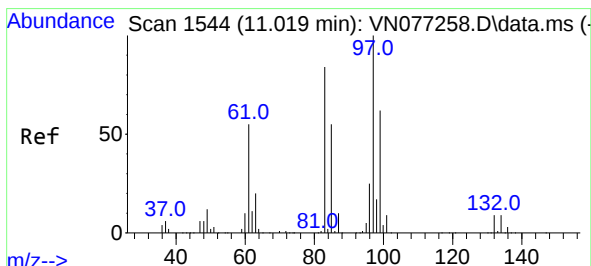
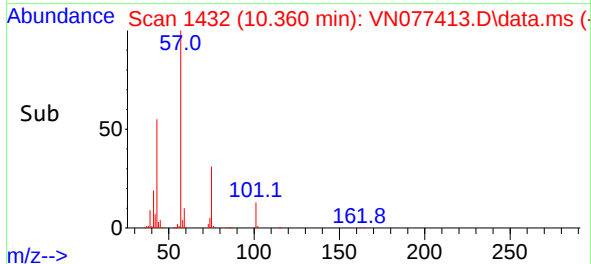
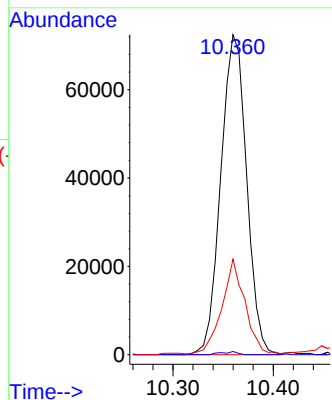
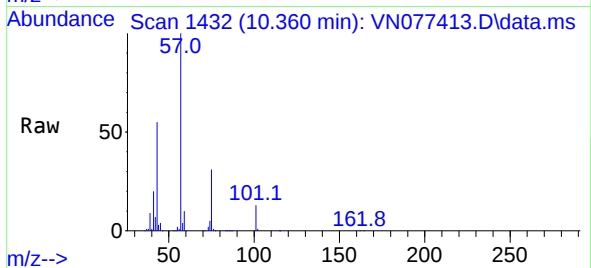




#54
cis-1,3-Dichloropropene
Concen: 9.858 ug/l
RT: 10.360 min Scan# 1432
Delta R.T. 0.047 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

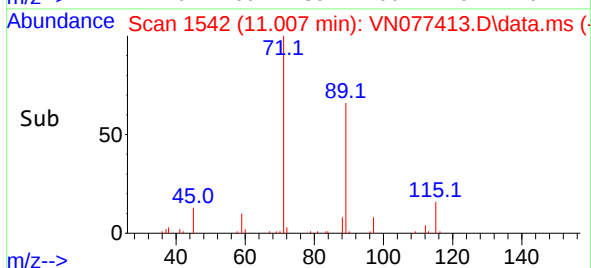
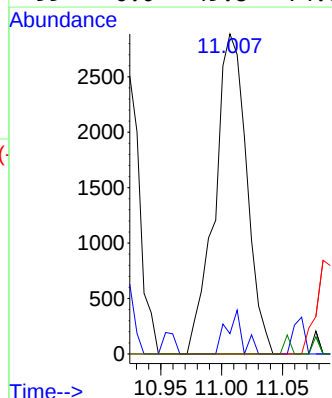
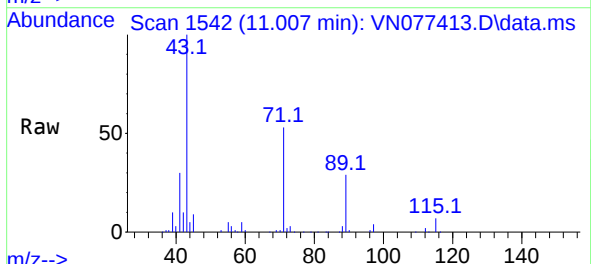
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

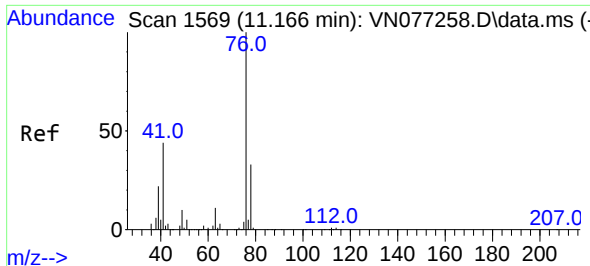
Tgt Ion: 75 Resp: 129459
Ion Ratio Lower Upper
75 100
77 1.0 26.7 40.1#
39 29.6 32.8 49.2#



#55
1,1,2-Trichloroethane
Concen: 0.646 ug/l
RT: 11.007 min Scan# 1542
Delta R.T. -0.012 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 97 Resp: 5266
Ion Ratio Lower Upper
97 100
83 6.3 67.4 101.2#
85 0.0 44.1 66.1#
99 0.0 49.8 74.6#





#57

1,3-Dichloropropane

Concen: 0.915 ug/l

RT: 11.201 min Scan# 11

Delta R.T. 0.035 min

Lab File: VN077413.D

Acq: 20 Apr 2023 20:24

Instrument :

MSVOA_N

ClientSampleId :

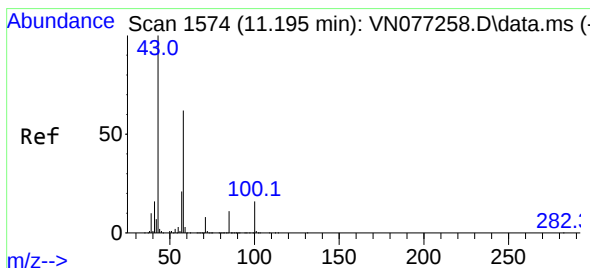
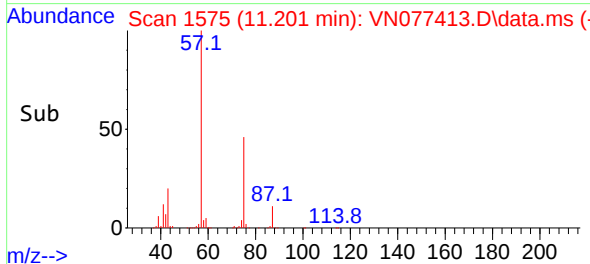
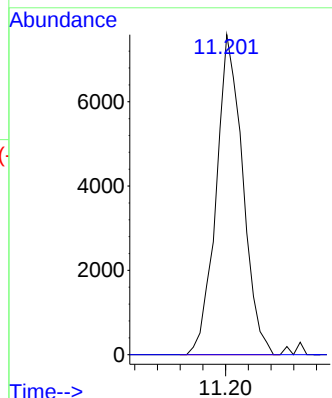
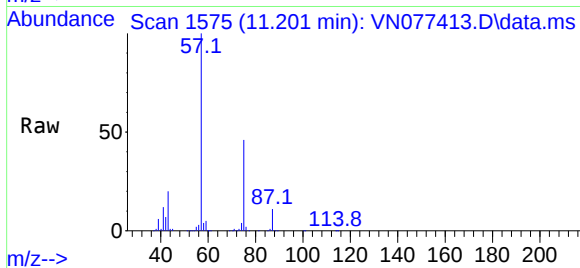
SPA-2WC-23-04

Tgt Ion: 76 Resp: 12331

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.4#



#59

2-Hexanone

Concen: 52.806 ug/l

RT: 11.172 min Scan# 1570

Delta R.T. -0.023 min

Lab File: VN077413.D

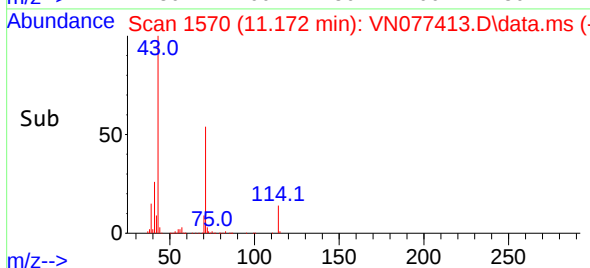
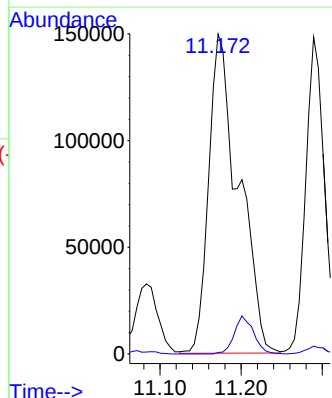
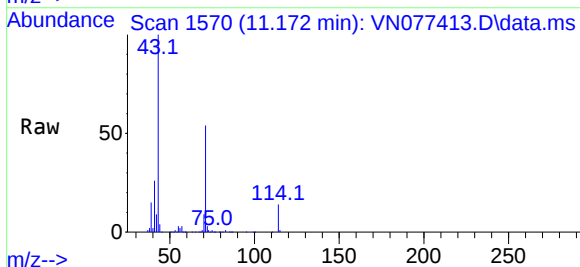
Acq: 20 Apr 2023 20:24

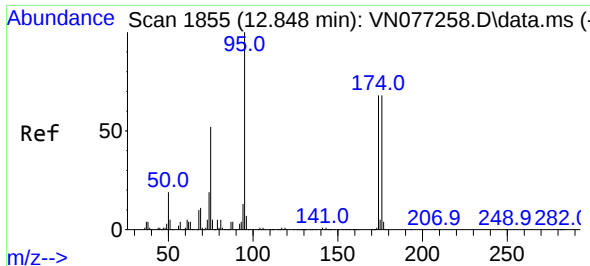
Tgt Ion: 43 Resp: 382094

Ion Ratio Lower Upper

43 100

58 0.0 30.9 92.5#

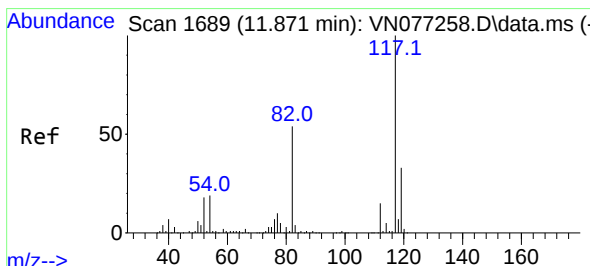
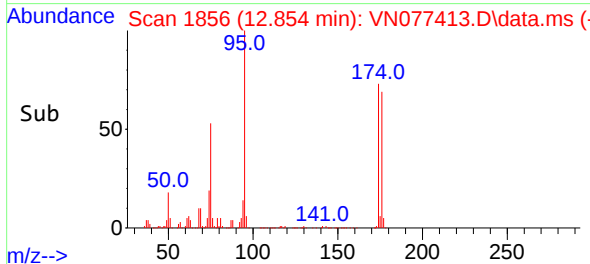
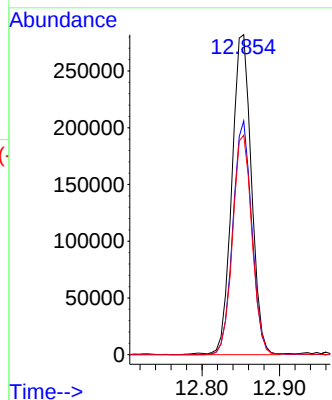
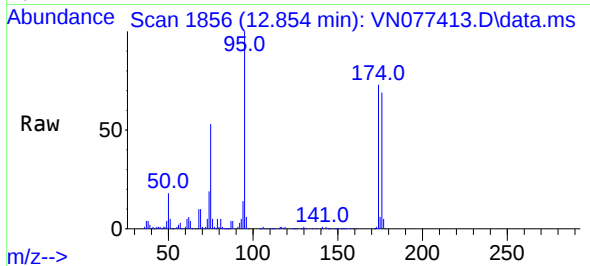




#62
4-Bromofluorobenzene
Concen: 53.712 ug/l
RT: 12.854 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

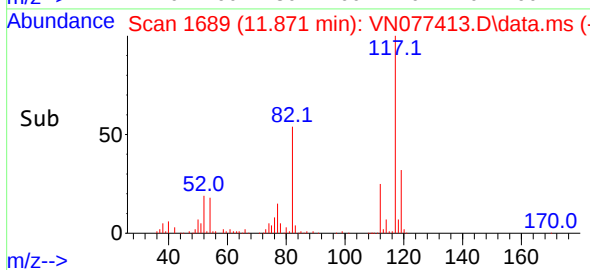
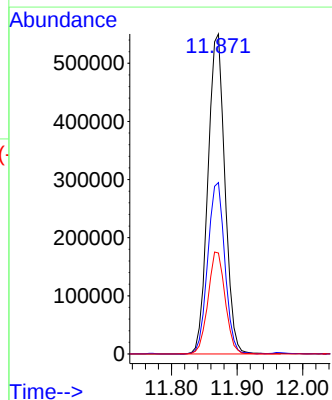
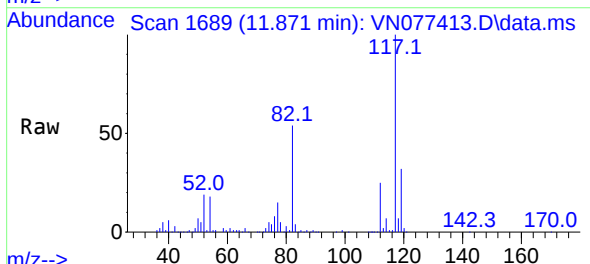
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

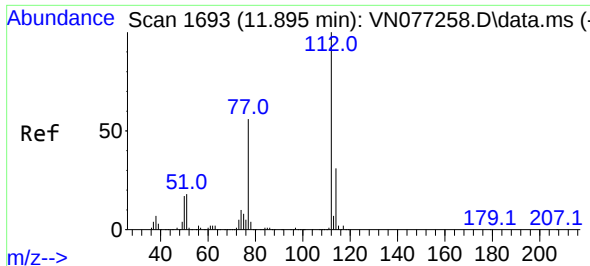
Tgt Ion: 95 Resp: 494881
Ion Ratio Lower Upper
95 100
174 70.7 0.0 146.8
176 68.0 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 117 Resp: 991197
Ion Ratio Lower Upper
117 100
82 53.6 42.9 64.3
119 31.5 26.2 39.4

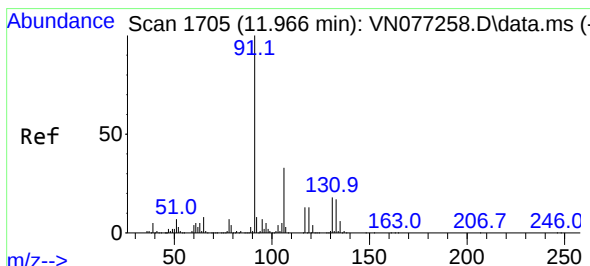
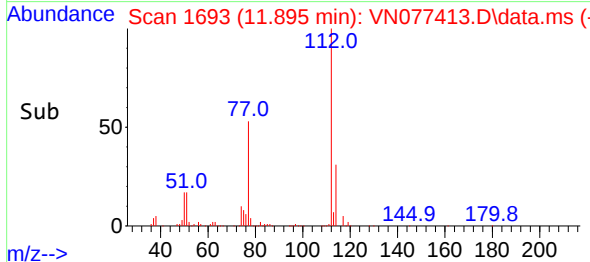
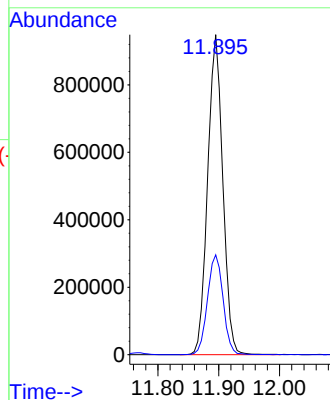
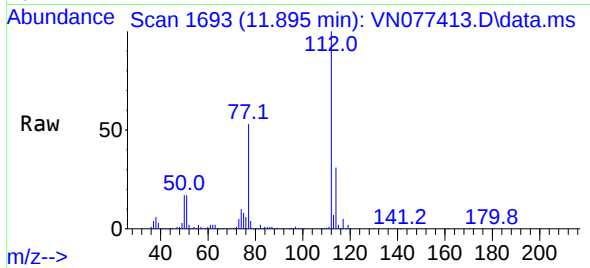




#65
Chlorobenzene
Concen: 75.050 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

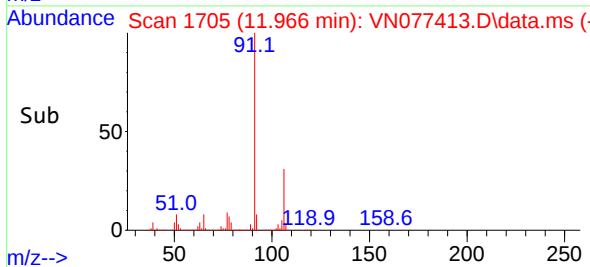
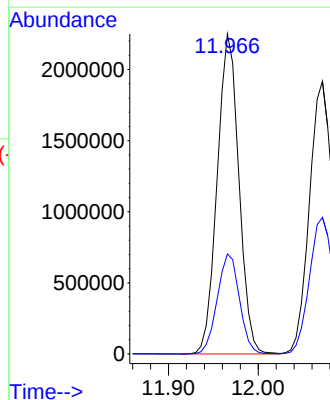
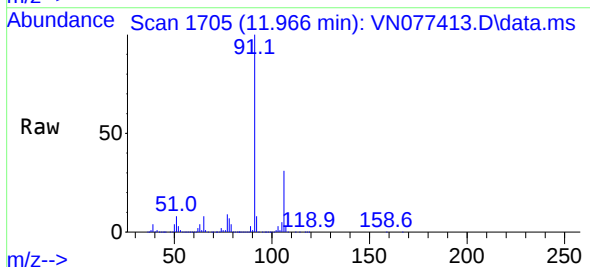
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

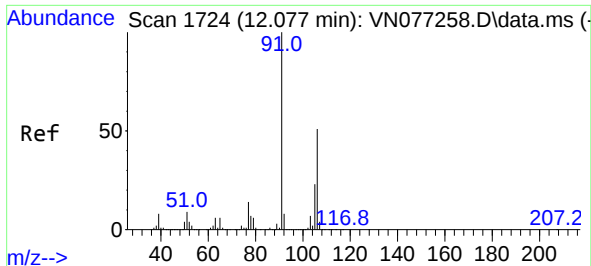
Tgt Ion:112 Resp: 1637779
Ion Ratio Lower Upper
112 100
114 31.2 24.6 36.8



#67
Ethyl Benzene
Concen: 93.737 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 91 Resp: 3774712
Ion Ratio Lower Upper
91 100
106 31.3 26.2 39.2

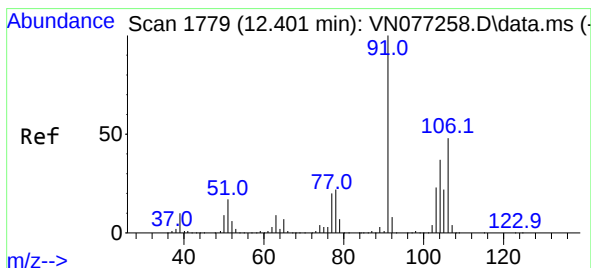
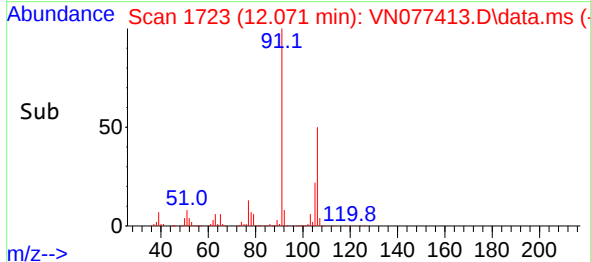
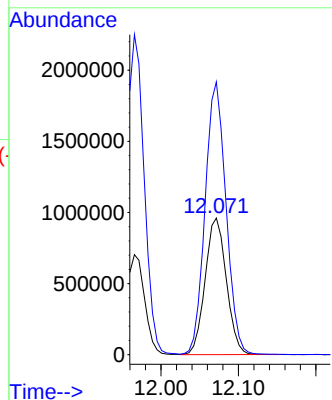
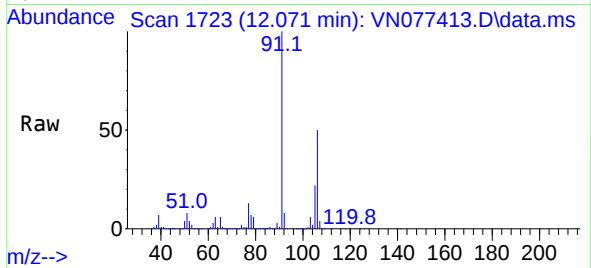




#68
m/p-Xylenes
Concen: 115.498 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

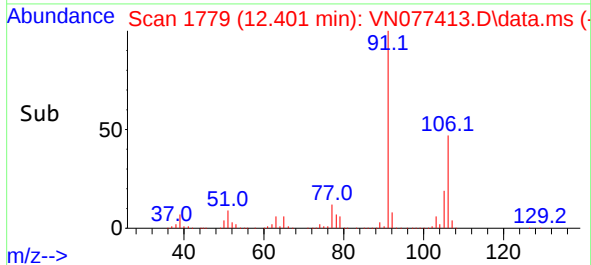
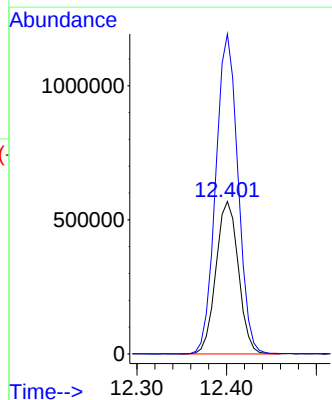
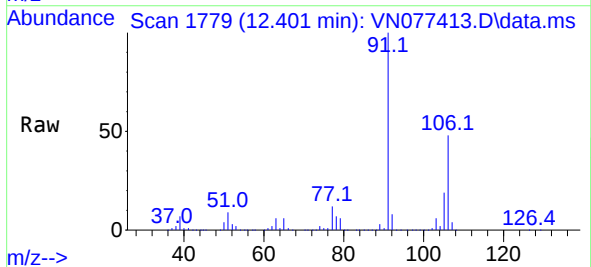
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

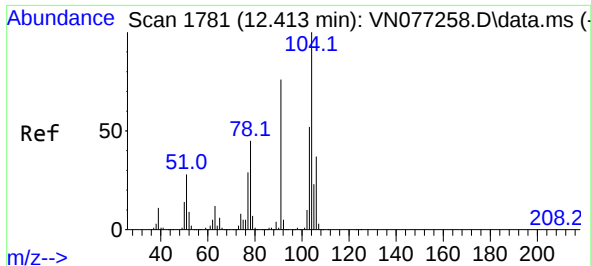
Tgt Ion:106 Resp: 1827481
Ion Ratio Lower Upper
106 100
91 196.7 158.7 238.1



#69
o-Xylene
Concen: 63.280 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion:106 Resp: 987770
Ion Ratio Lower Upper
106 100
91 207.8 104.0 312.0

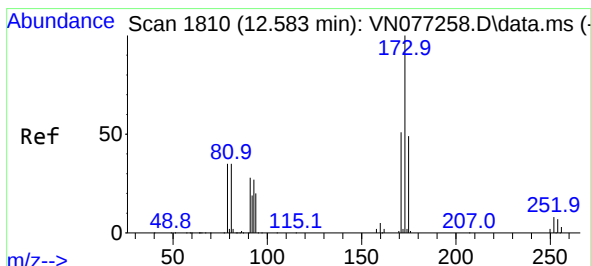
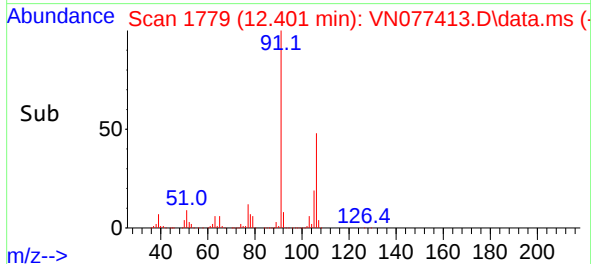
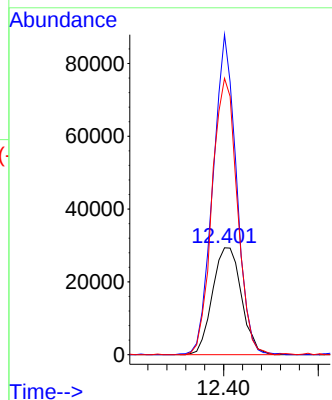
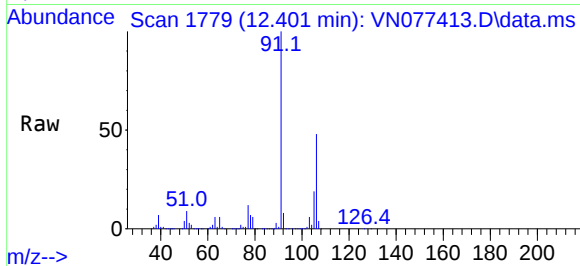




#70
Styrene
Concen: 2.478 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

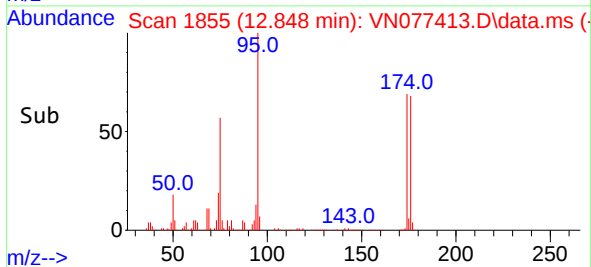
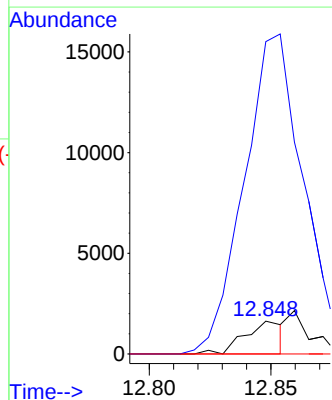
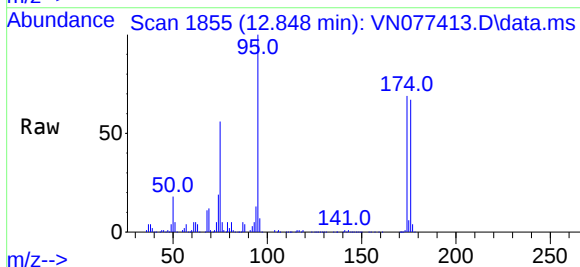
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

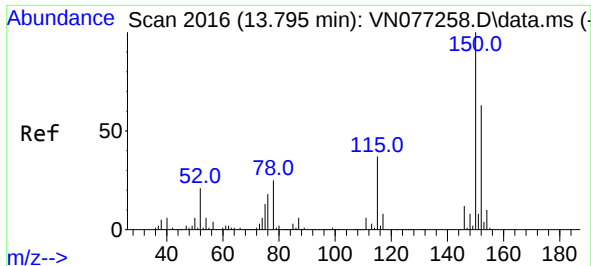
Tgt Ion:104 Resp: 62249
Ion Ratio Lower Upper
104 100
78 243.2 38.0 57.0#
103 225.3 43.1 64.7#



#71
Bromoform
Concen: 0.309 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.265 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion:173 Resp: 1798
Ion Ratio Lower Upper
173 100
175 1240.2 24.1 72.4#
254 0.0 0.1 0.1#

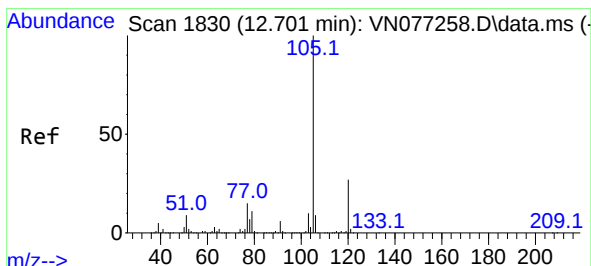
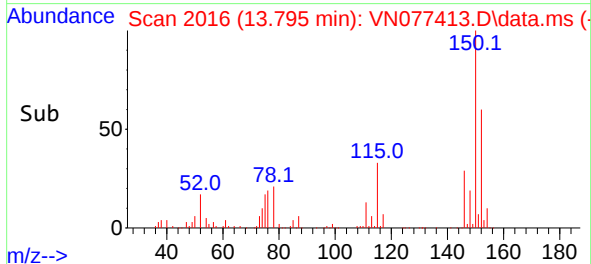
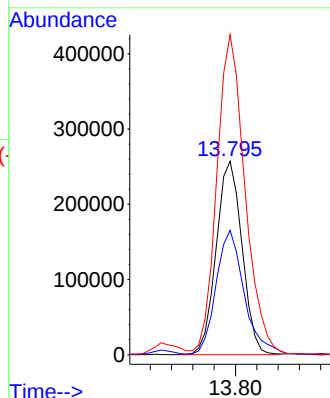
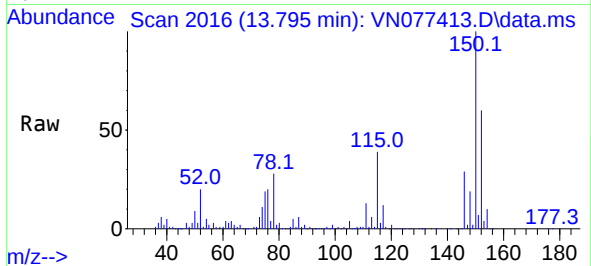




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

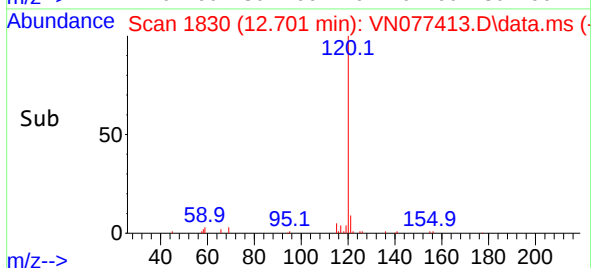
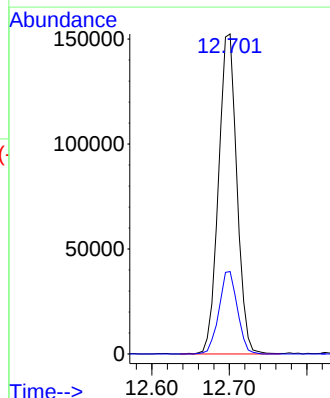
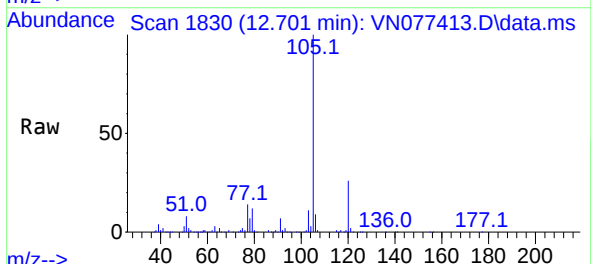
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

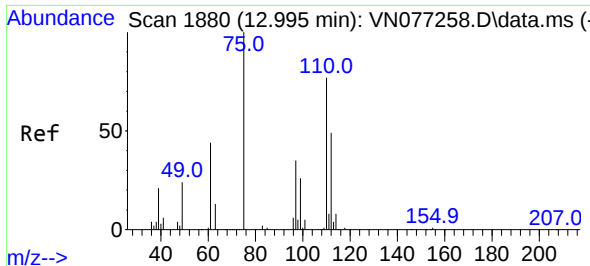
Tgt Ion:152 Resp: 433155
Ion Ratio Lower Upper
152 100
115 69.5 32.1 96.3
150 180.9 0.0 354.8



#73
Isopropylbenzene
Concen: 5.969 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion:105 Resp: 251129
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6

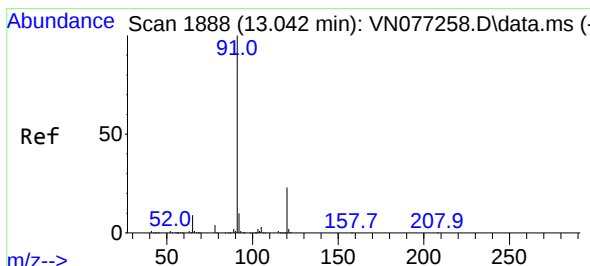
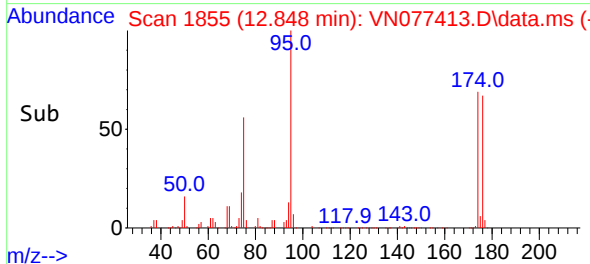
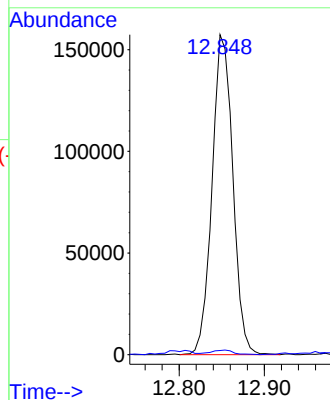
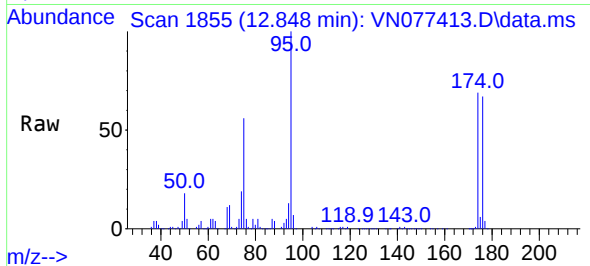




#76
1,2,3-Trichloropropane
Concen: 25.815 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

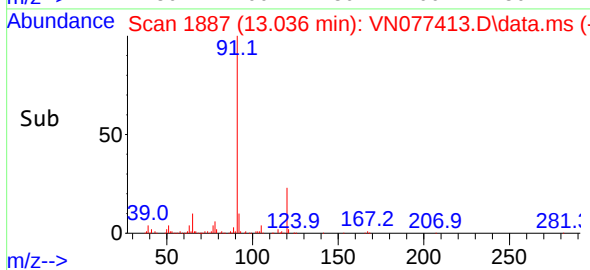
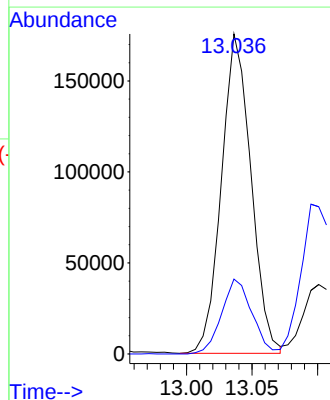
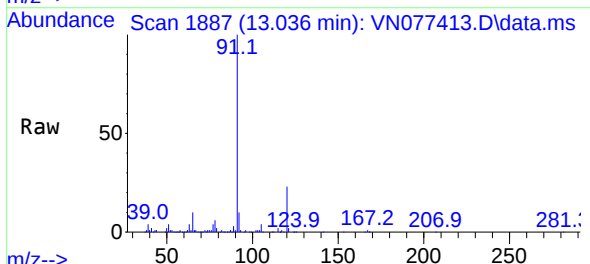
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

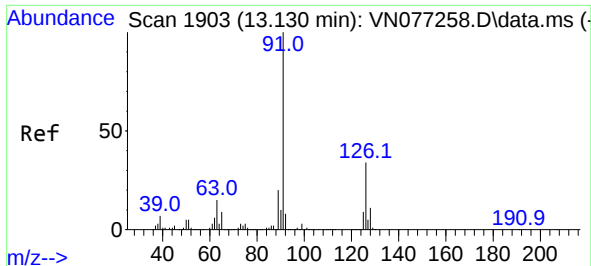
Tgt Ion: 75 Resp: 266266
Ion Ratio Lower Upper
75 100
77 1.6 88.3 264.9#



#78
n-propylbenzene
Concen: 5.910 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 91 Resp: 274745
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.5

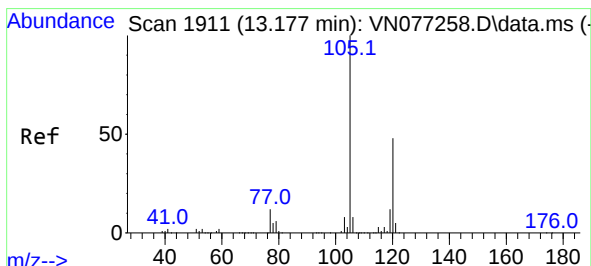
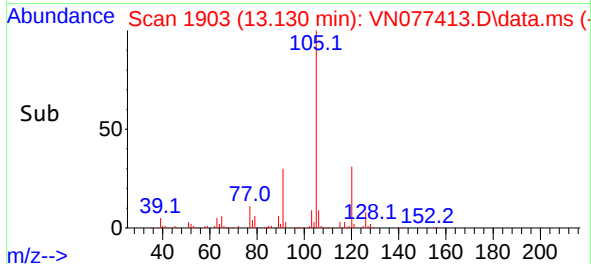
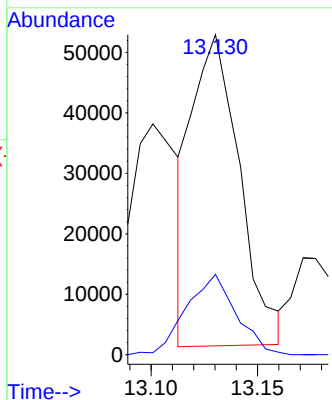
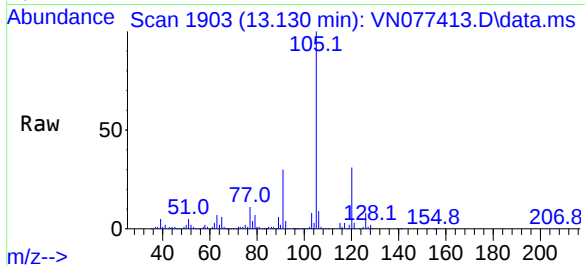




#79
2-Chlorotoluene
Concen: 2.876 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

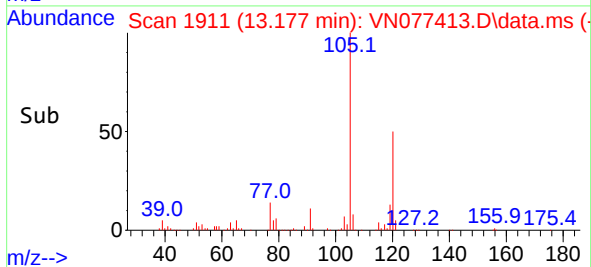
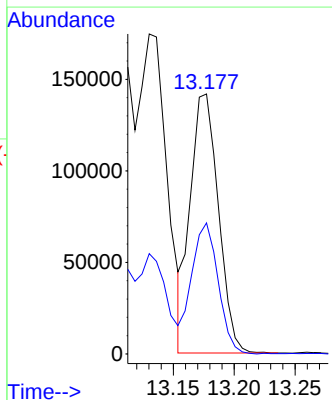
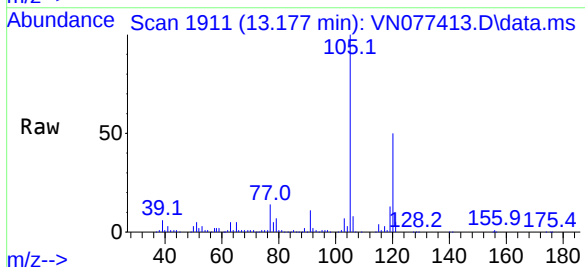
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

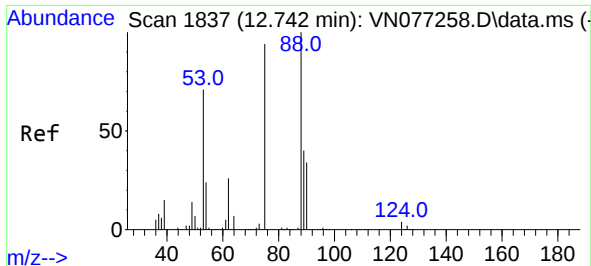
Tgt Ion: 91 Resp: 80492
Ion Ratio Lower Upper
91 100
126 26.9 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 6.777 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 105 Resp: 227726
Ion Ratio Lower Upper
105 100
120 47.8 24.3 73.0

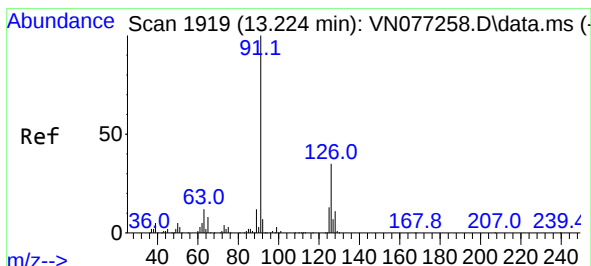
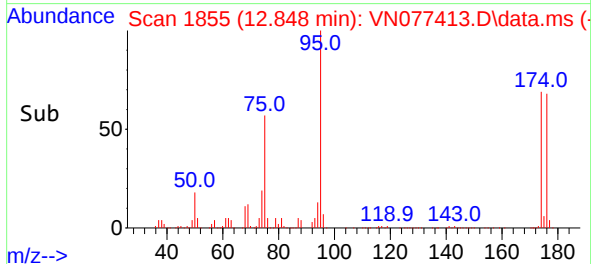
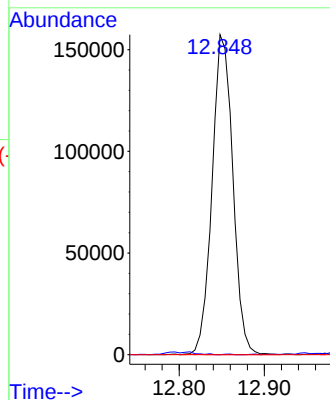
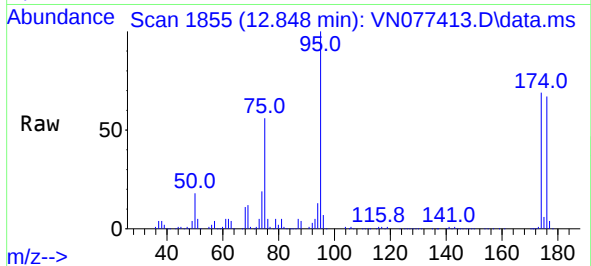




#81
trans-1,4-Dichloro-2-butene
Concen: 58.091 ug/l
RT: 12.848 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

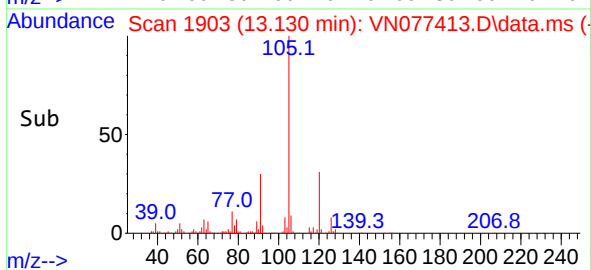
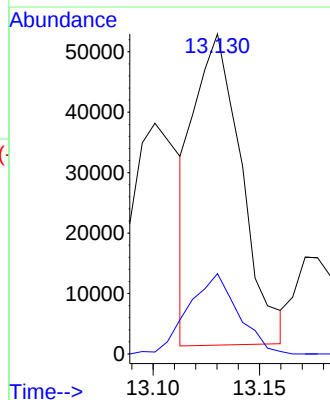
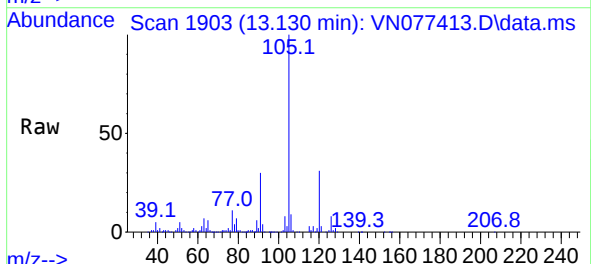
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

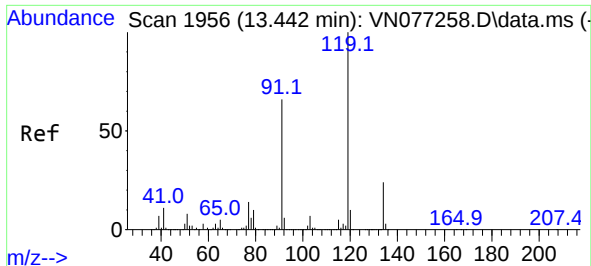
Tgt Ion: 75 Resp: 266266
Ion Ratio Lower Upper
75 100
53 0.1 72.8 109.2#
89 0.0 37.4 56.2#



#82
4-Chlorotoluene
Concen: 3.050 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.094 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 91 Resp: 80492
Ion Ratio Lower Upper
91 100
126 26.9 16.9 50.7

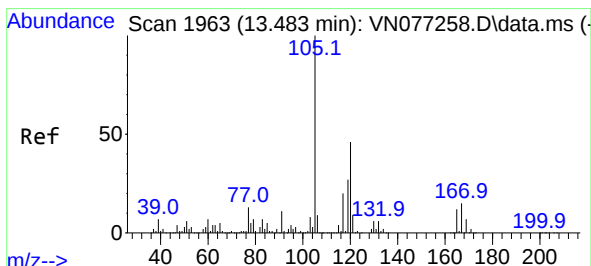
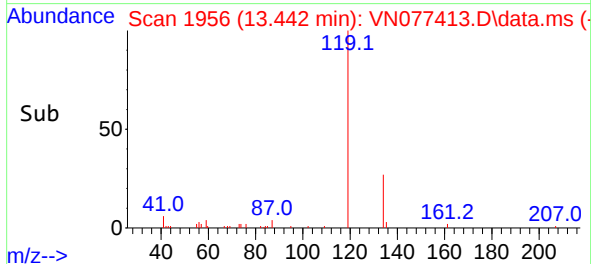
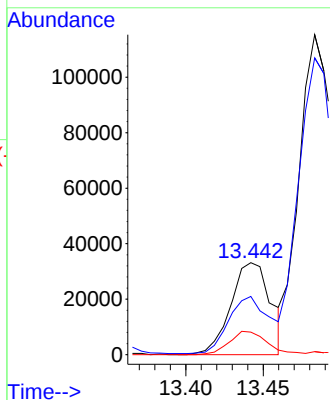
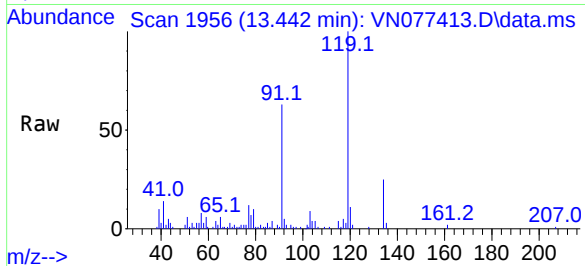




#83
tert-Butylbenzene
Concen: 1.988 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

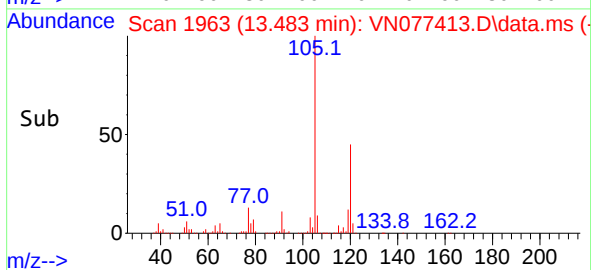
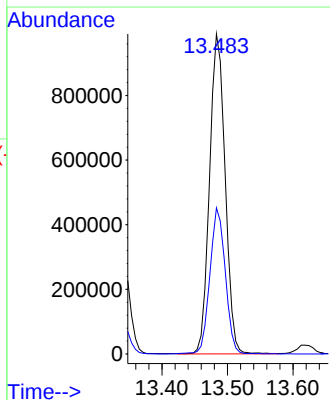
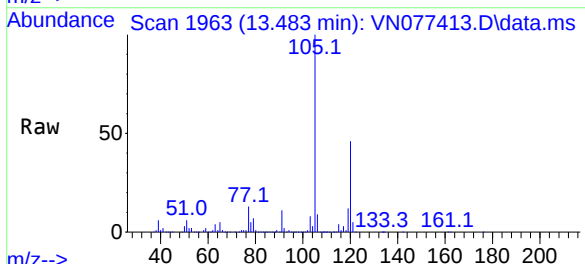
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

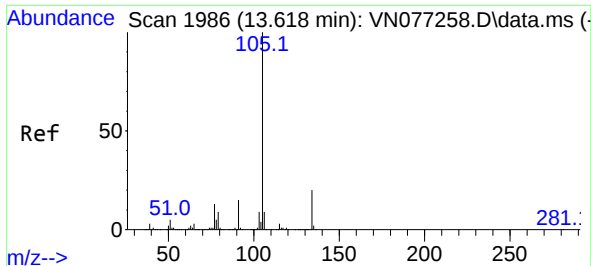
Tgt Ion:	119	Resp:	59452
Ion	Ratio	Lower	Upper
119	100		
91	63.3	33.5	100.4
134	24.1	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 49.280 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion:	105	Resp:	1636004
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.5	67.5

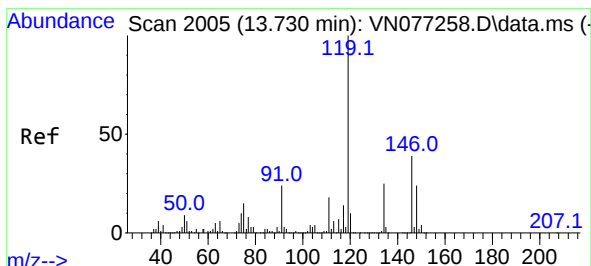
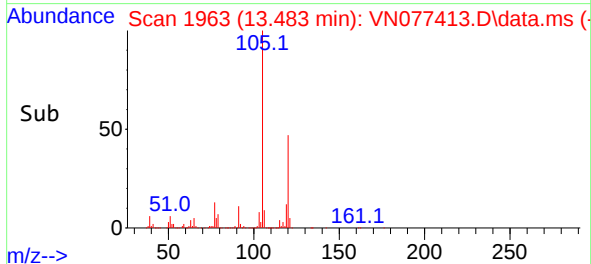
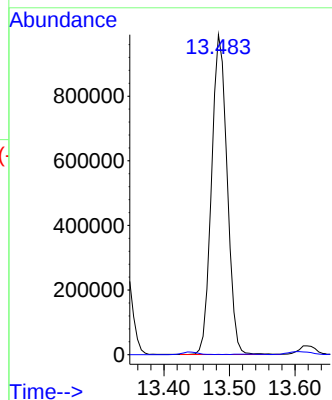
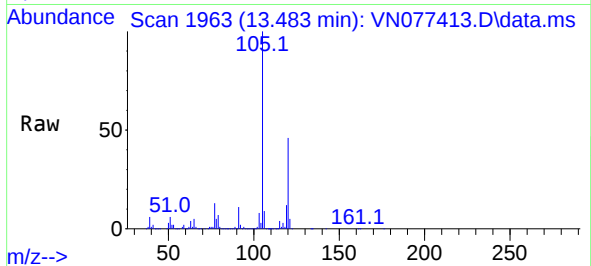




#85
 sec-Butylbenzene
 Concen: 39.227 ug/l
 RT: 13.483 min Scan# 1986
 Delta R.T. -0.135 min
 Lab File: VN077413.D
 Acq: 20 Apr 2023 20:24

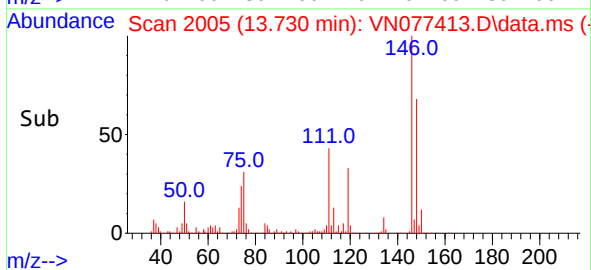
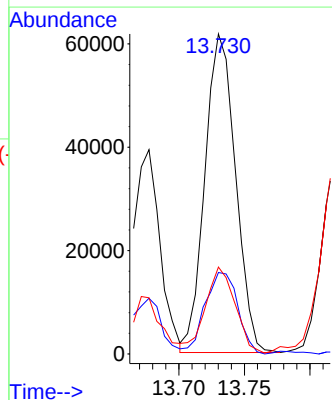
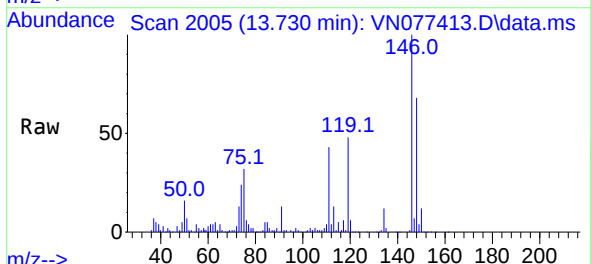
Instrument :
 MSVOA_N
 ClientSampleId :
 SPA-2WC-23-04

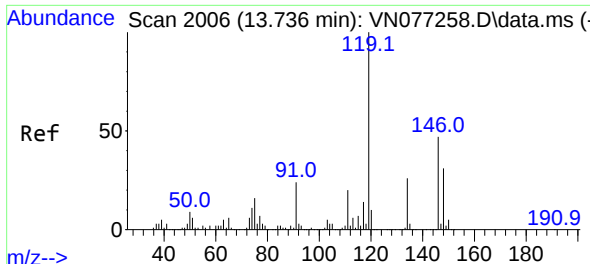
Tgt Ion:105 Resp: 1635146
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 3.063 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077413.D
 Acq: 20 Apr 2023 20:24

Tgt Ion:119 Resp: 100331
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.9 38.6
 91 26.3 12.3 36.8

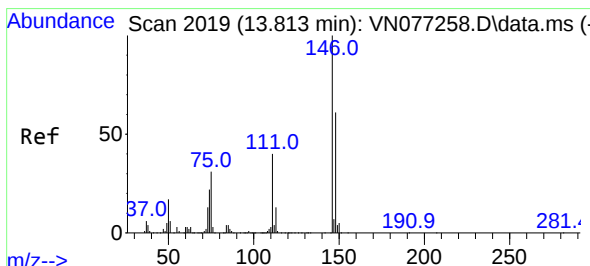
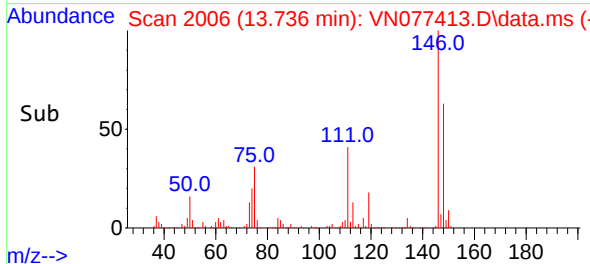
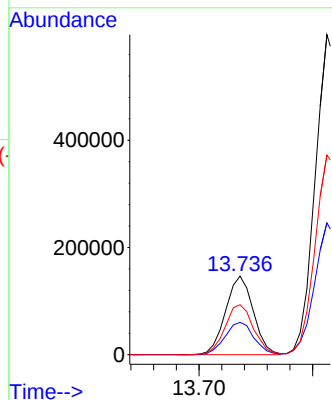
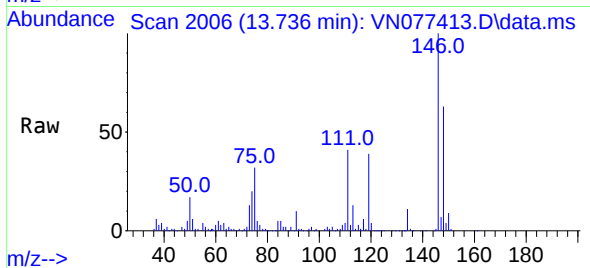




#87
1,3-Dichlorobenzene
Concen: 15.648 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

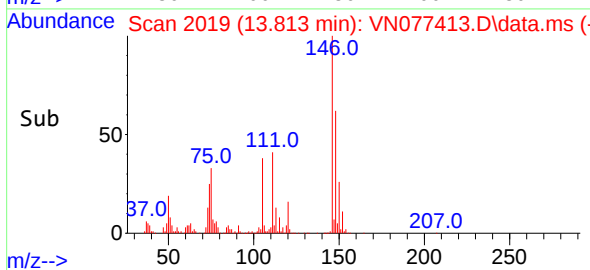
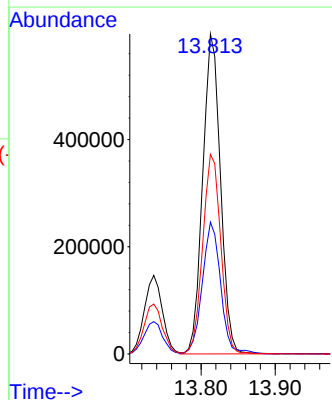
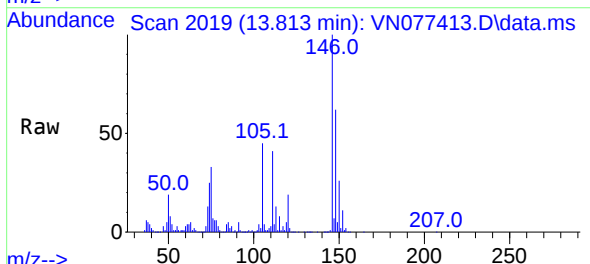
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

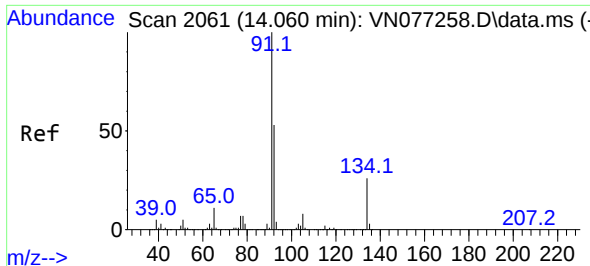
Tgt Ion:146 Resp: 247645
Ion Ratio Lower Upper
146 100
111 42.9 21.8 65.4
148 65.6 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 63.574 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion:146 Resp: 992222
Ion Ratio Lower Upper
146 100
111 42.4 20.4 61.2
148 63.7 31.6 95.0

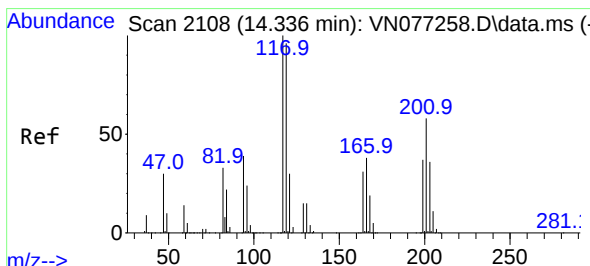
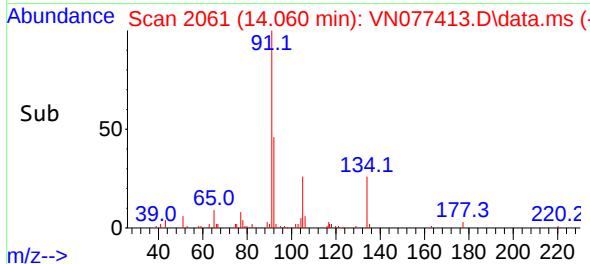
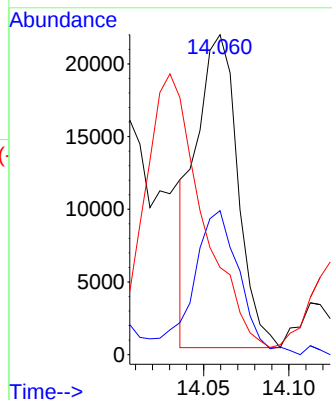
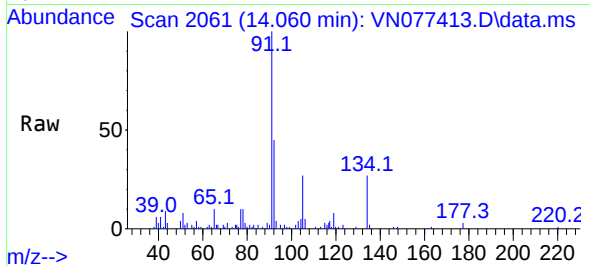




#89
n-Butylbenzene
Concen: 1.353 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

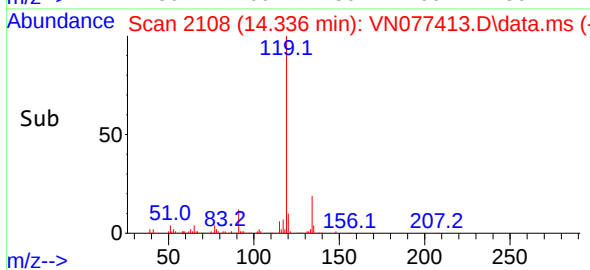
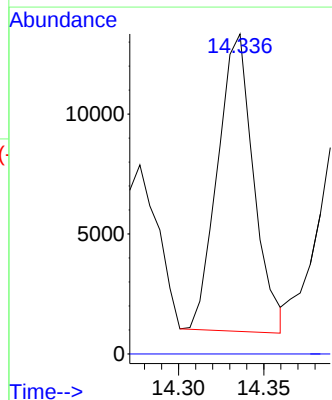
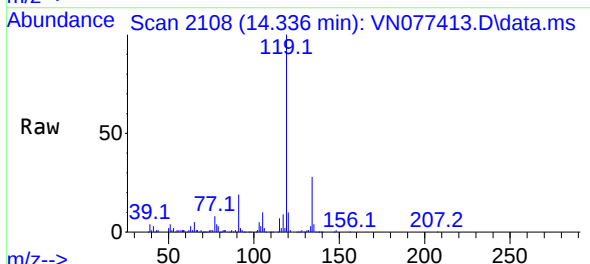
Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

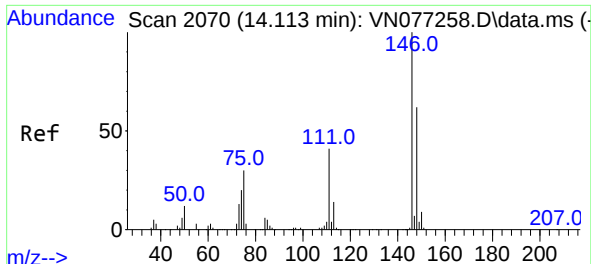
Tgt Ion: 91 Resp: 36792
Ion Ratio Lower Upper
91 100
92 51.1 26.7 80.0
134 0.0 12.8 38.3#



#90
Hexachloroethane
Concen: 2.543 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion: 117 Resp: 18218
Ion Ratio Lower Upper
117 100
201 0.0 29.8 89.5#





#91

1,2-Dichlorobenzene

Concen: 60.495 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.006 min

Lab File: VN077413.D

Acq: 20 Apr 2023 20:24

Instrument :

MSVOA_N

ClientSampleId :

SPA-2WC-23-04

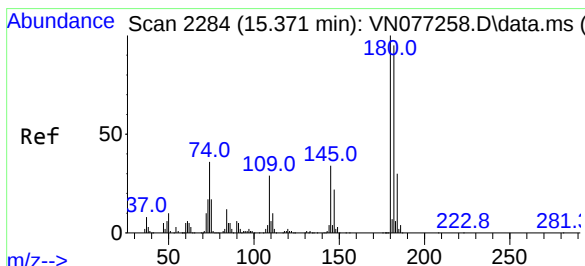
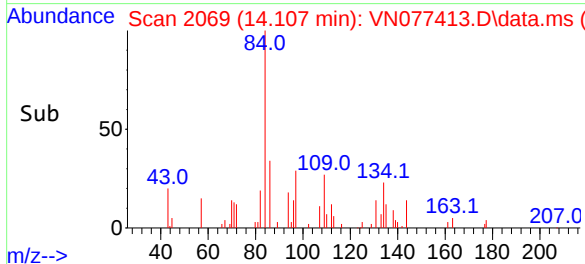
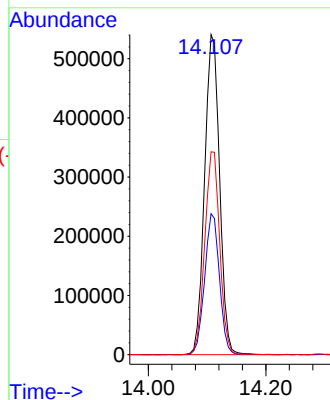
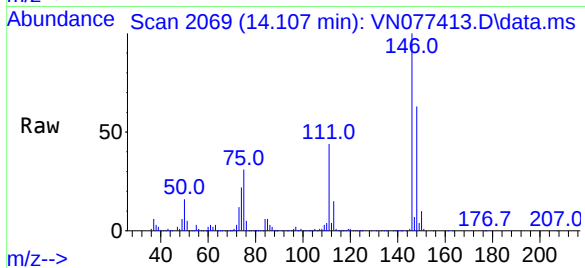
Tgt Ion:146 Resp: 957790

Ion Ratio Lower Upper

146 100

111 43.5 21.9 65.5

148 63.4 31.9 95.5



#93

1,2,4-Trichlorobenzene

Concen: 6.723 ug/l

RT: 15.365 min Scan# 2283

Delta R.T. -0.006 min

Lab File: VN077413.D

Acq: 20 Apr 2023 20:24

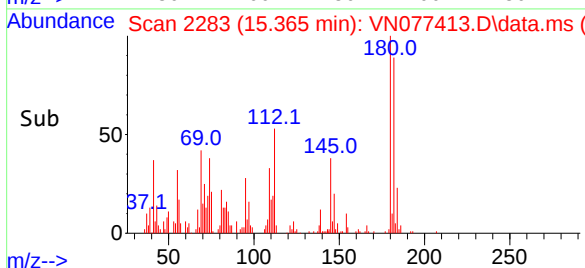
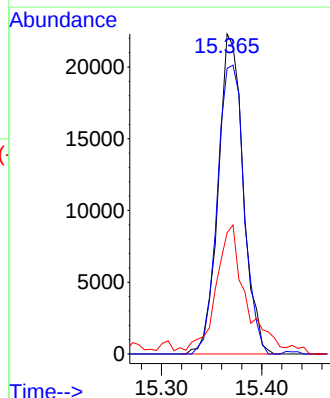
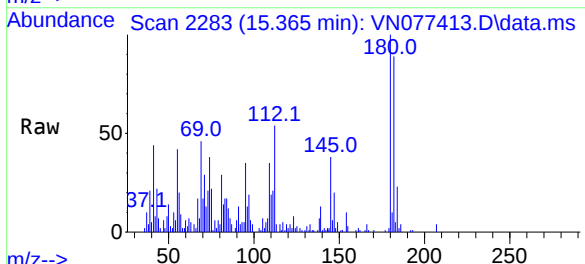
Tgt Ion:180 Resp: 38427

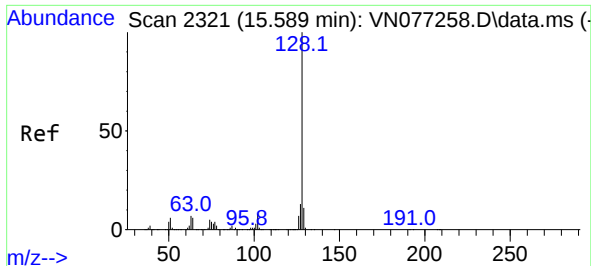
Ion Ratio Lower Upper

180 100

182 96.4 46.7 140.0

145 45.0 16.6 49.8

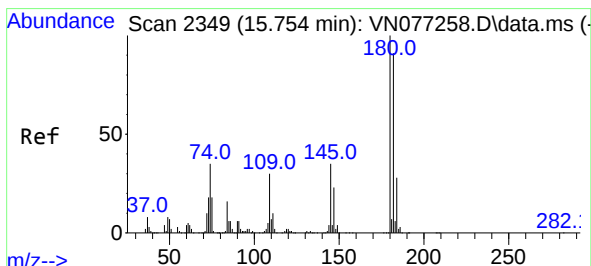
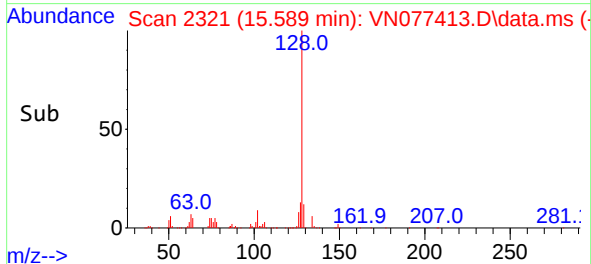
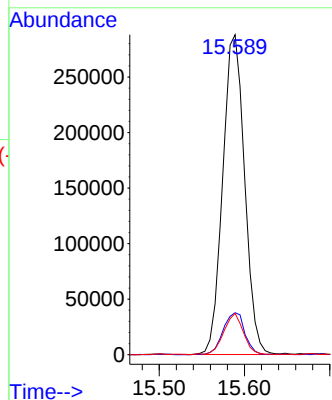
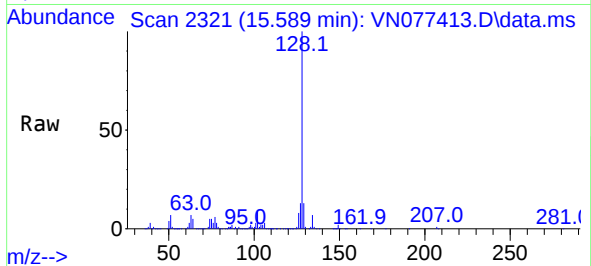




#95
Naphthalene
Concen: 23.906 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Instrument :
MSVOA_N
ClientSampleId :
SPA-2WC-23-04

Tgt Ion:128 Resp: 513260
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.968 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077413.D
Acq: 20 Apr 2023 20:24

Tgt Ion:180 Resp: 5290
Ion Ratio Lower Upper
180 100
182 98.1 46.9 140.8
145 42.8 17.6 52.8

