

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077261.D
 Acq On : 05 Apr 2023 13:40
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 05 14:31:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 13:56:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	510281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	967071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	823972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	290398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	314651	59.895	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	119.800%	
35) Dibromofluoromethane	8.172	113	287880	48.239	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	96.480%	
50) Toluene-d8	10.572	98	1186416	54.977	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	109.960%	
62) 4-Bromofluorobenzene	12.854	95	352820	49.387	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	98.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	2401	0.921	ug/l	98
3) Chloromethane	2.372	50	3148	0.935	ug/l #	75
4) Vinyl Chloride	2.519	62	3020	0.823	ug/l #	74
5) Bromomethane	2.984	94	10740	4.073	ug/l	83
10) Methyl Iodide	4.613	142	7254	1.193	ug/l #	84
13) Acrolein	4.190	56	2797	3.092	ug/l #	77
17) Carbon Disulfide	4.719	76	15489	1.268	ug/l	96
21) trans-1,2-Dichloroethene	5.796	96	3261	0.650	ug/l #	63
23) Vinyl Acetate	6.619	43	5544	0.549	ug/l #	71
31) Cyclohexane	8.231	56	16064	1.734	ug/l #	26
36) 1,1-Dichloropropene	8.372	75	3072	0.351	ug/l #	89
42) 1,2-Dichloroethane	8.678	62	2006	0.223	ug/l	95
44) Trichloroethene	9.354	130	2440	0.343	ug/l	91
48) Methyl methacrylate	9.689	41	1344	0.202	ug/l #	36
51) 4-Methyl-2-Pentanone	10.448	43	5043	0.578	ug/l #	58
52) Toluene	10.625	92	3977	0.239	ug/l	96
53) t-1,3-Dichloropropene	10.848	75	2753	0.305	ug/l #	78
55) 1,1,2-Trichloroethane	11.013	97	1418	0.206	ug/l #	82
56) Ethyl methacrylate	10.878	69	3865	0.406	ug/l #	74
59) 2-Hexanone	11.201	43	13610	2.148	ug/l	95
61) 1,2-Dibromoethane	11.460	107	1477	0.221	ug/l	100
64) Tetrachloroethene	11.119	164	1885	0.312	ug/l #	74
65) Chlorobenzene	11.895	112	7039	0.405	ug/l #	87
67) Ethyl Benzene	11.966	91	10281	0.351	ug/l	92
68) m/p-Xylenes	12.083	106	8709	0.763	ug/l	99
69) o-Xylene	12.407	106	3039	0.276	ug/l	83
70) Styrene	12.413	104	7971	0.455	ug/l	97
73) Isopropylbenzene	12.701	105	7485	0.346	ug/l	93
74) N-amyl acetate	12.495	43	8241	1.032	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.936	83	2610	0.347	ug/l #	72
77) Bromobenzene	12.989	156	3548	0.612	ug/l	71
78) n-propylbenzene	13.042	91	16209	0.679	ug/l	95
79) 2-Chlorotoluene	13.130	91	7301	0.475	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	7070	0.406	ug/l	90
82) 4-Chlorotoluene	13.224	91	14644	1.015	ug/l	91
83) tert-Butylbenzene	13.442	119	5523	0.348	ug/l	78

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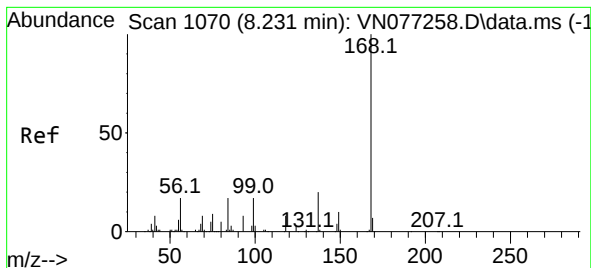
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

84) 1,2,4-Trimethylbenzene	13.495	105	9651	0.568	ug/l	90
85) sec-Butylbenzene	13.619	105	11904	0.556	ug/l	95
86) p-Isopropyltoluene	13.730	119	11076	0.634	ug/l	90
87) 1,3-Dichlorobenzene	13.736	146	10097	0.992	ug/l	96
88) 1,4-Dichlorobenzene	13.736	146	10097	1.006	ug/l	96
89) n-Butylbenzene	14.060	91	16814	1.202	ug/l	97
90) Hexachloroethane	14.348	117	1285	0.354	ug/l #	27
91) 1,2-Dichlorobenzene	14.113	146	8073	0.808	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1555	1.236	ug/l	84
93) 1,2,4-Trichlorobenzene	15.371	180	9185	2.362	ug/l	93
94) Hexachlorobutadiene	15.465	225	1479	0.445	ug/l	89
95) Naphthalene	15.589	128	46883	4.535	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	10162	2.661	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. 0.001 min

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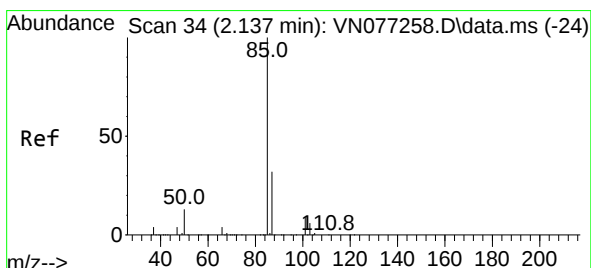
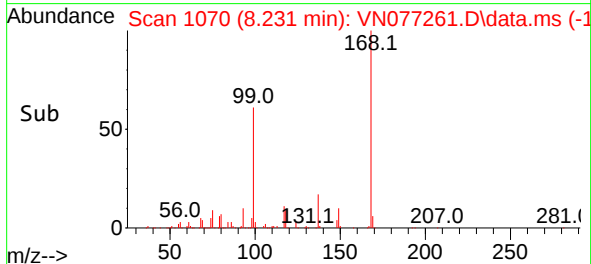
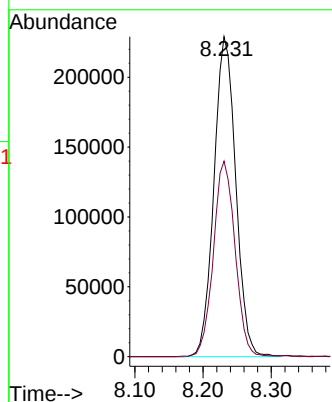
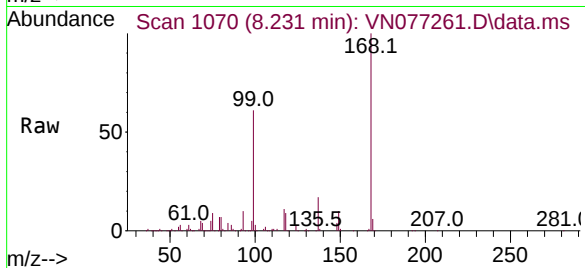
IBLK

Tgt Ion:168 Resp: 510281

Ion Ratio Lower Upper

168 100

99 61.0 41.8 62.8



#2

Dichlorodifluoromethane

Concen: 0.921 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077261.D

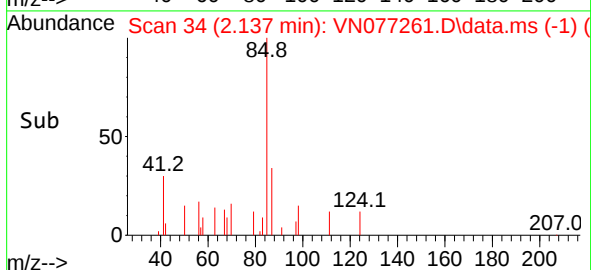
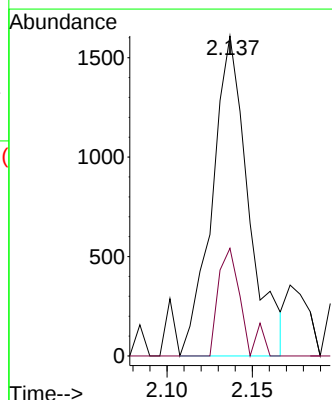
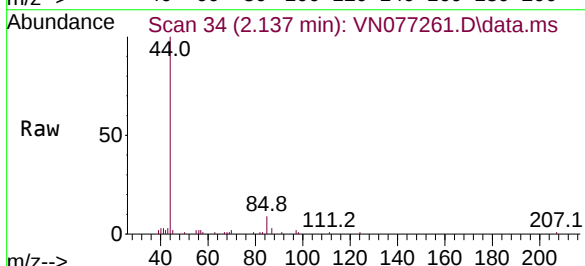
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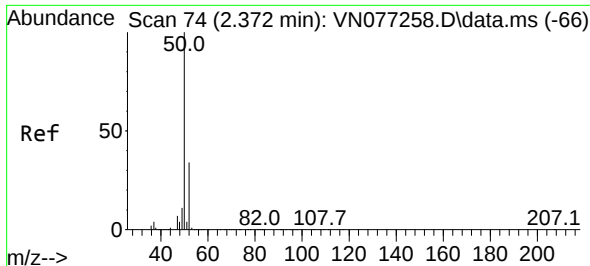
Tgt Ion: 85 Resp: 2401

Ion Ratio Lower Upper

85 100

87 33.7 16.3 48.8

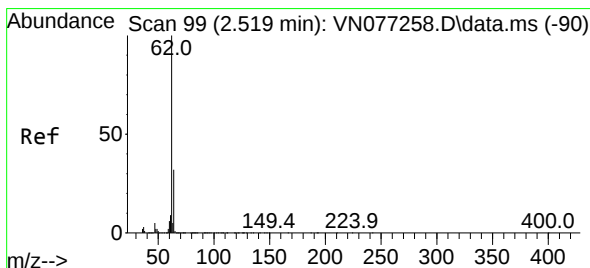
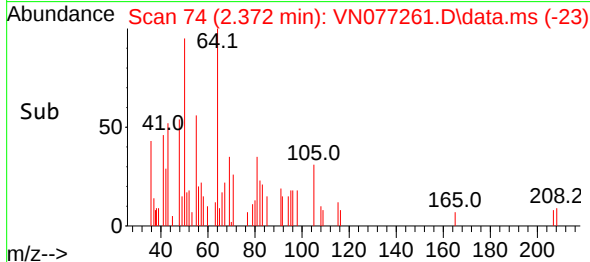
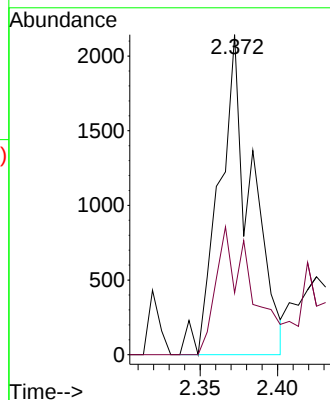
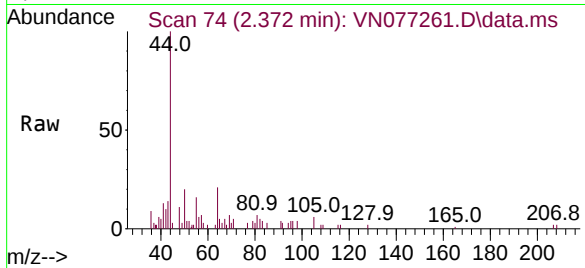




#3
Chloromethane
Concen: 0.935 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

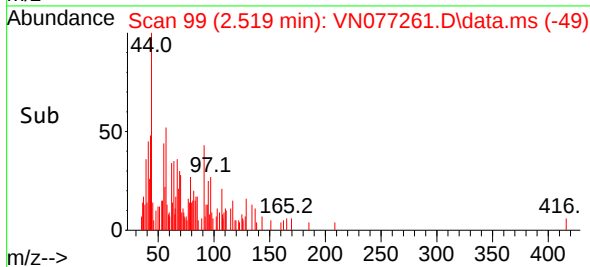
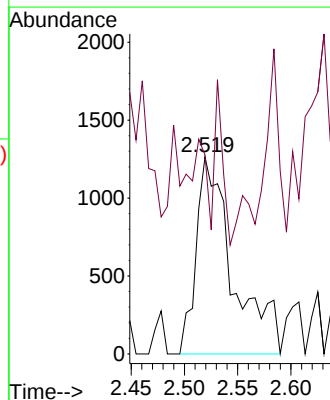
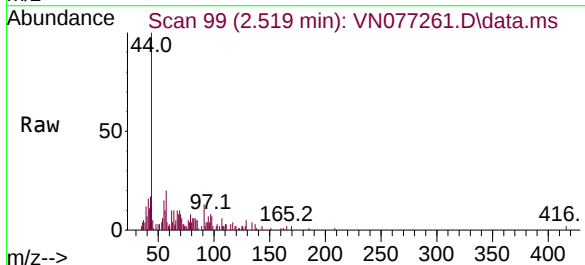
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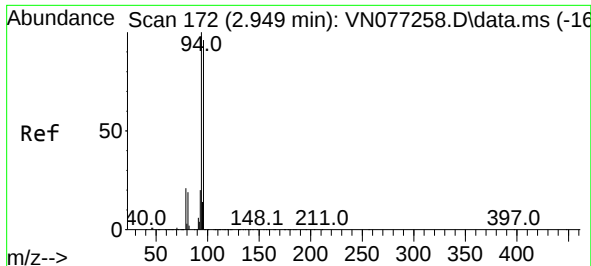
Tgt Ion: 50 Resp: 3148
Ion Ratio Lower Upper
50 100
52 19.3 26.9 40.3#



#4
Vinyl Chloride
Concen: 0.823 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 62 Resp: 3020
Ion Ratio Lower Upper
62 100
64 15.8 23.9 35.9#

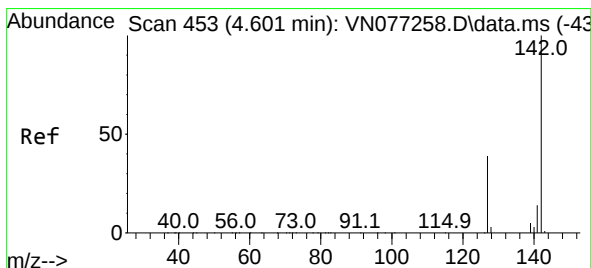
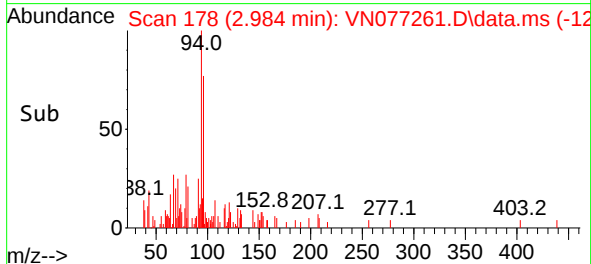
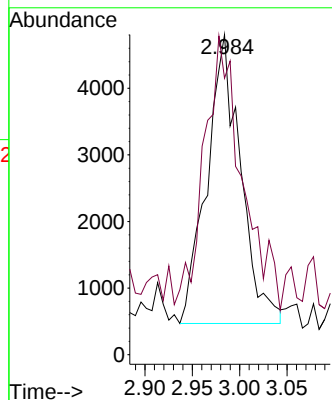
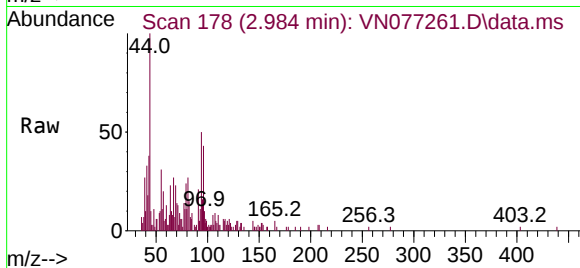




#5
Bromomethane
Concen: 4.073 ug/l
RT: 2.984 min Scan# 11
Delta R.T. 0.036 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

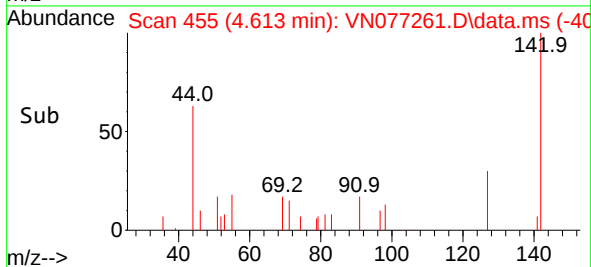
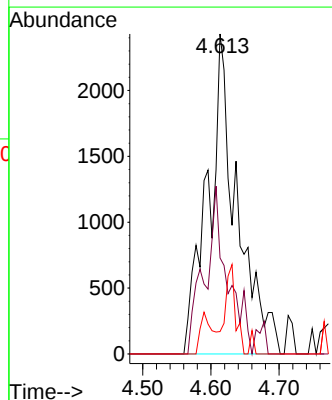
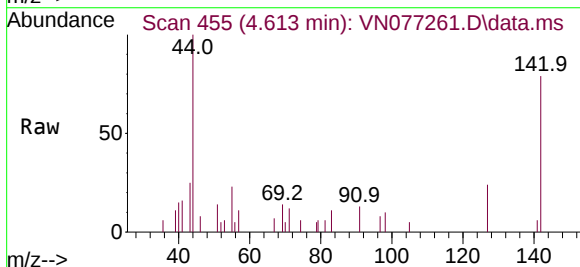
Instrument :
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ClientSampleId :
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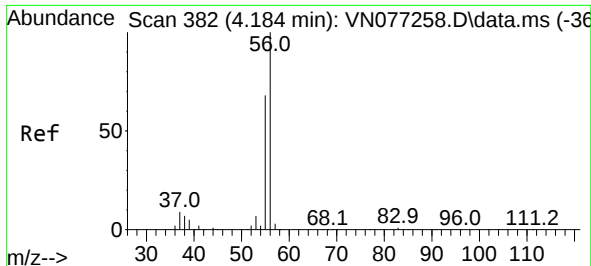
Tgt Ion: 94 Resp: 10740
Ion Ratio Lower Upper
94 100
96 80.4 78.1 117.1



#10
Methyl Iodide
Concen: 1.193 ug/l
RT: 4.613 min Scan# 455
Delta R.T. 0.018 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 142 Resp: 7254
Ion Ratio Lower Upper
142 100
127 30.0 31.8 47.8#
141 7.0 11.2 16.8#

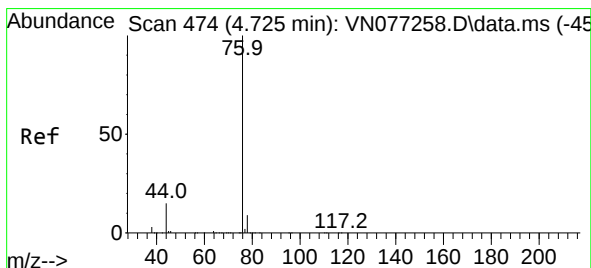
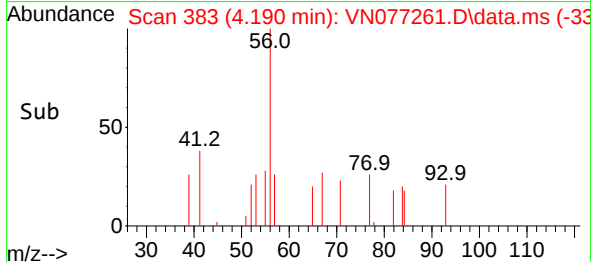
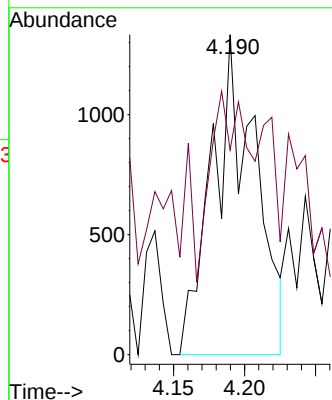
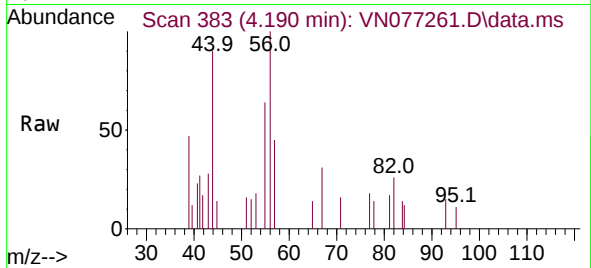




#13
Acrolein
Concen: 3.092 ug/l
RT: 4.190 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

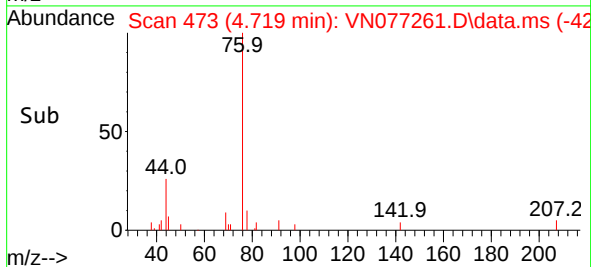
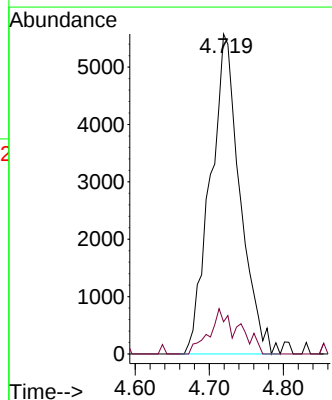
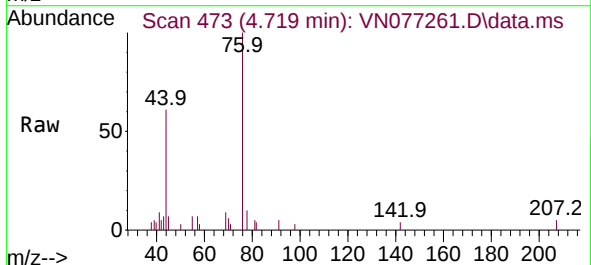
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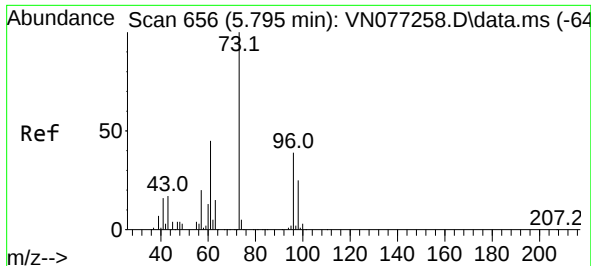
Tgt Ion: 56 Resp: 2797
Ion Ratio Lower Upper
56 100
55 51.4 56.0 84.0#



#17
Carbon Disulfide
Concen: 1.268 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 76 Resp: 15489
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2

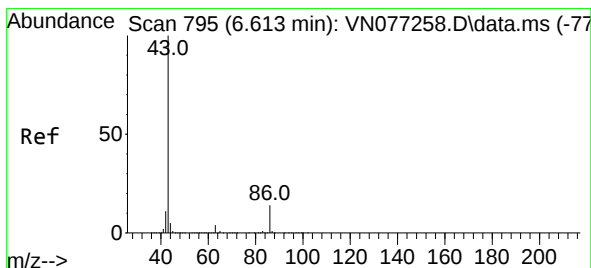
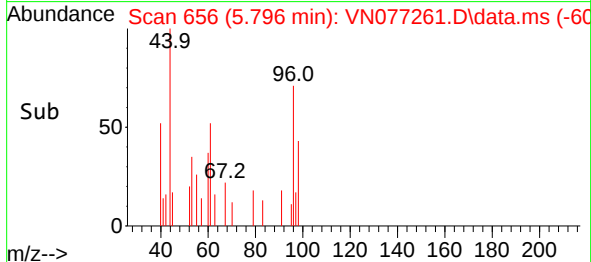
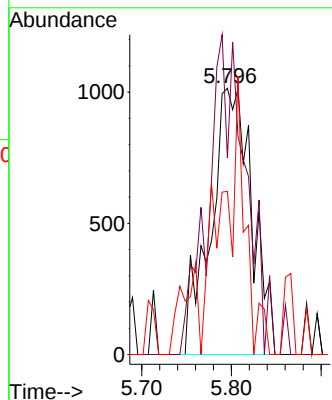
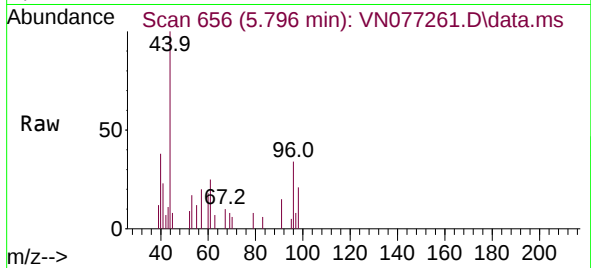




#21
trans-1,2-Dichloroethene
Concen: 0.650 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

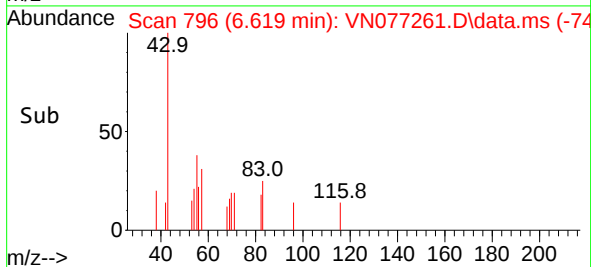
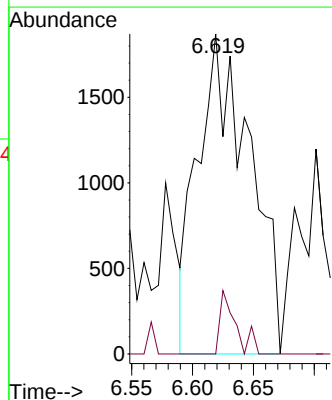
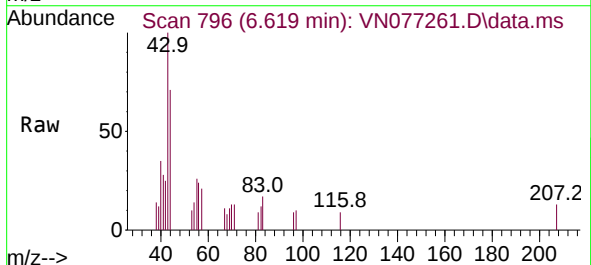
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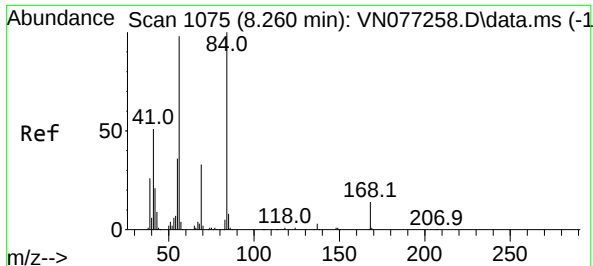
Tgt Ion: 96 Resp: 3261
Ion Ratio Lower Upper
96 100
61 73.8 109.7 164.5#
98 61.3 50.4 75.6



#23
Vinyl Acetate
Concen: 0.549 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.012 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 43 Resp: 5544
Ion Ratio Lower Upper
43 100
86 0.0 9.0 13.4#

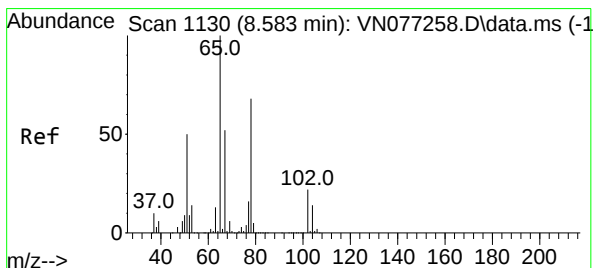
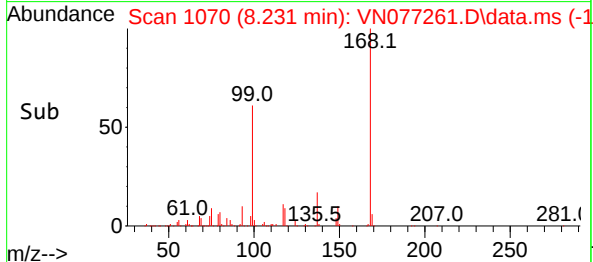
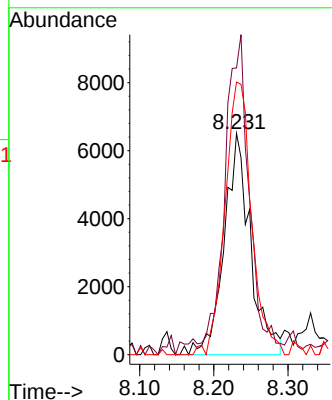
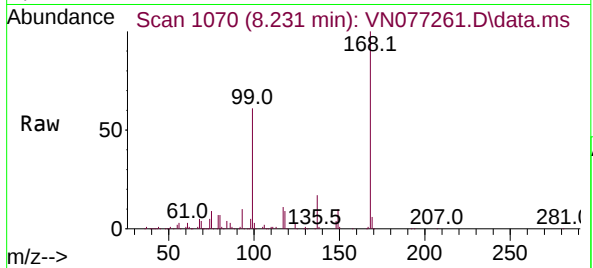




#31
Cyclohexane
Concen: 1.734 ug/l
RT: 8.231 min Scan# 1075
Delta R.T. -0.029 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

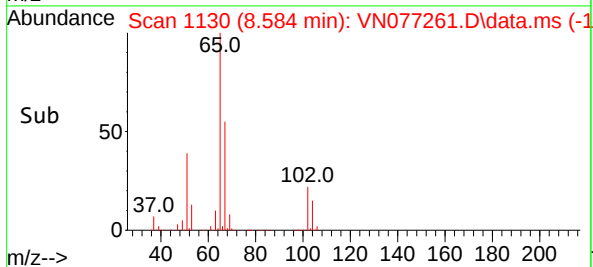
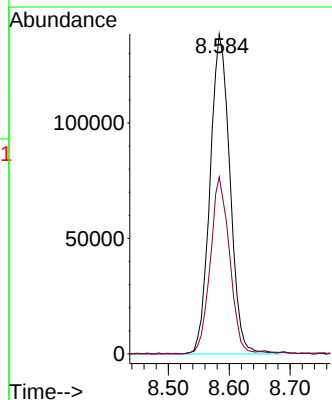
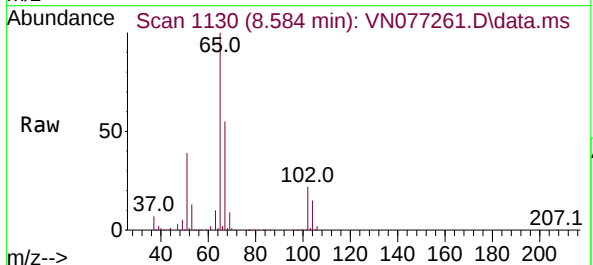
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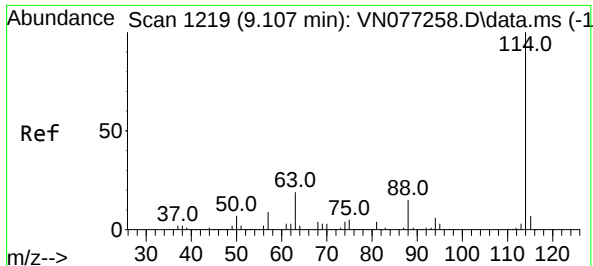
Tgt Ion: 56 Resp: 16064
Ion Ratio Lower Upper
56 100
69 124.5 25.1 37.7#
84 123.2 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 59.895 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 65 Resp: 314651
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077261.D

Acq: 05 Apr 2023 13:40

Instrument :

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IBLK

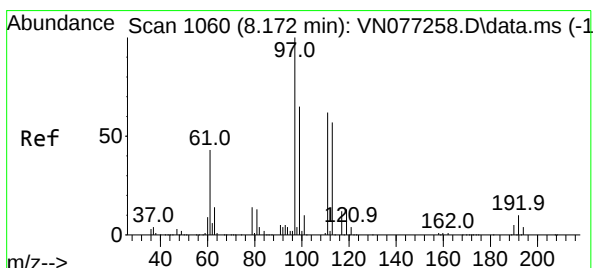
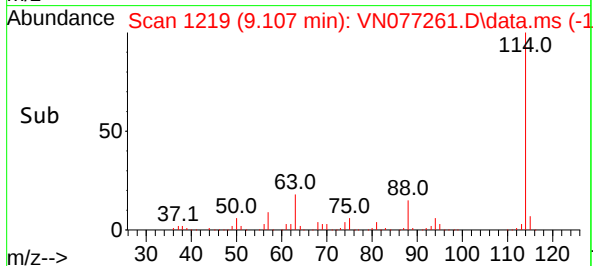
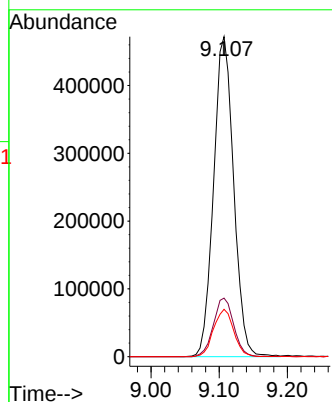
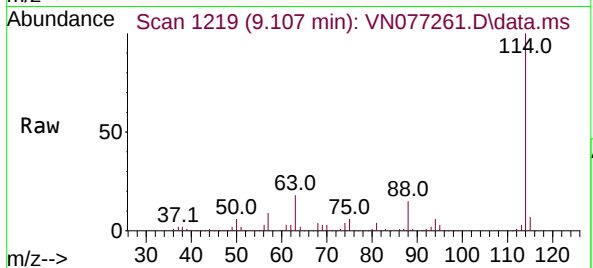
Tgt Ion:114 Resp: 967071

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

88 14.8 0.0 29.8



#35

Dibromofluoromethane

Concen: 48.239 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077261.D

Acq: 05 Apr 2023 13:40

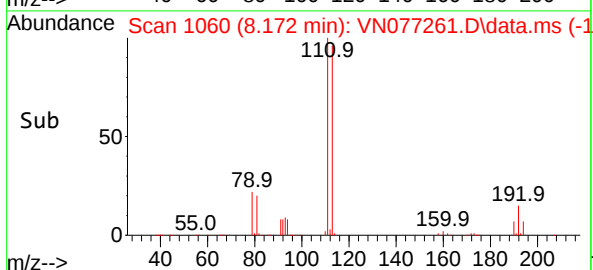
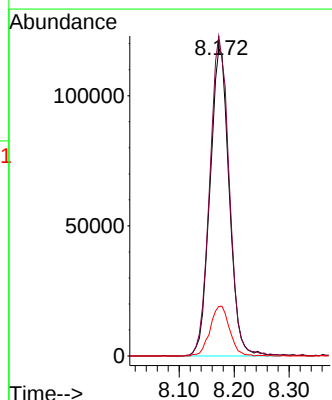
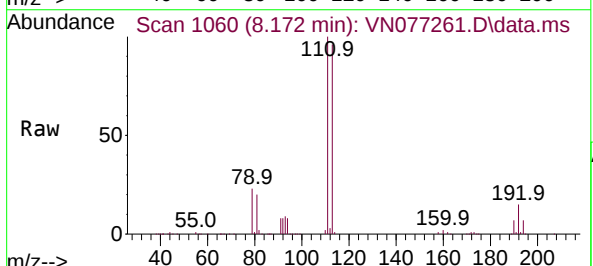
Tgt Ion:113 Resp: 287880

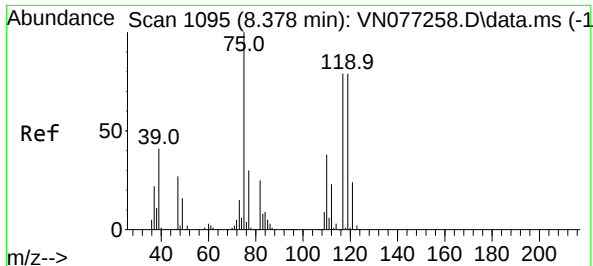
Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.2

192 16.4 18.5 27.7#





#36

1,1-Dichloropropene

Concen: 0.351 ug/l

RT: 8.372 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN077261.D

Acq: 05 Apr 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

IBLK

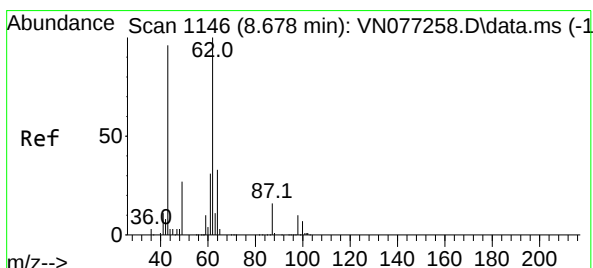
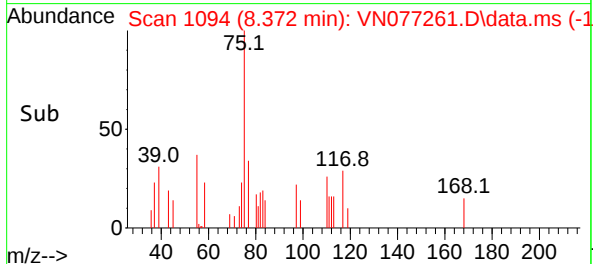
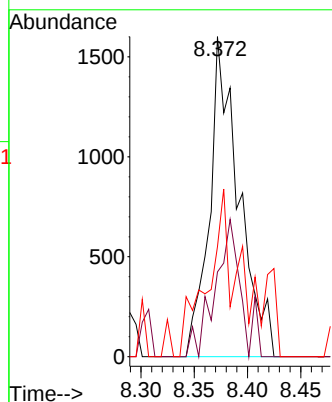
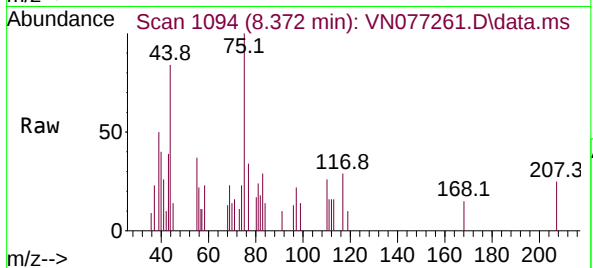
Tgt Ion: 75 Resp: 3072

Ion Ratio Lower Upper

75 100

110 37.6 17.6 52.9

77 41.0 24.4 36.6#



#42

1,2-Dichloroethane

Concen: 0.223 ug/l

RT: 8.678 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN077261.D

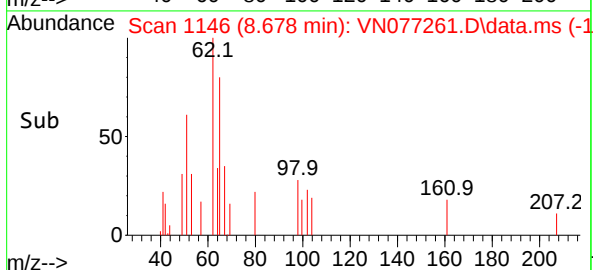
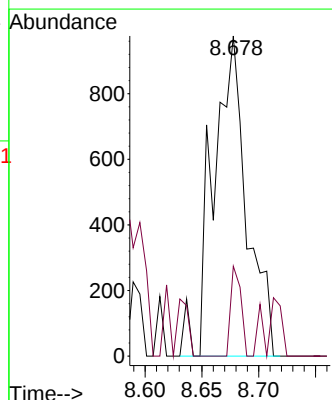
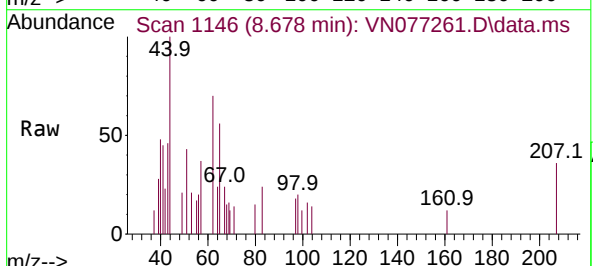
Acq: 05 Apr 2023 13:40

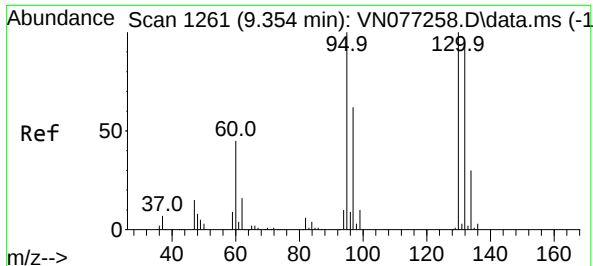
Tgt Ion: 62 Resp: 2006

Ion Ratio Lower Upper

62 100

98 8.5 0.0 20.8

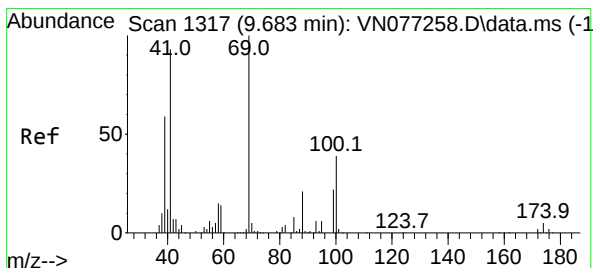
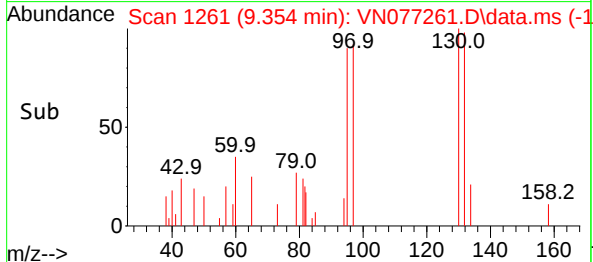
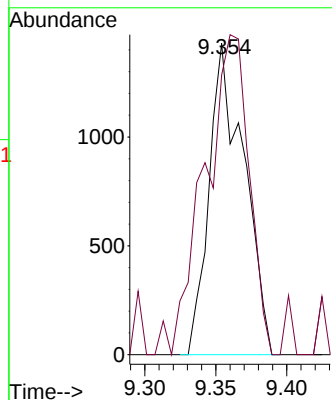
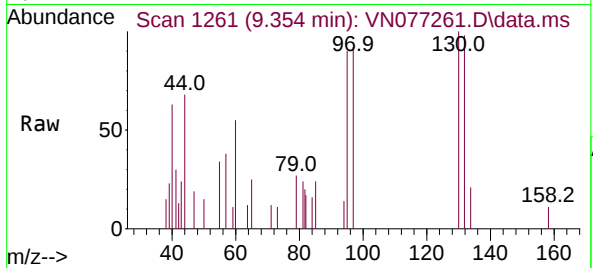




#44
Trichloroethene
Concen: 0.343 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

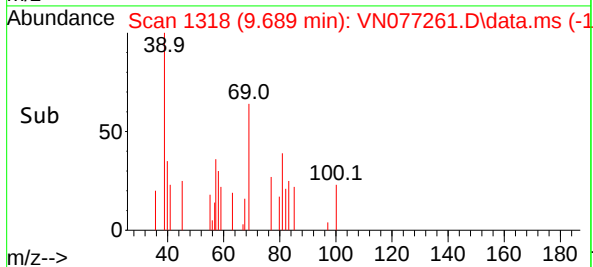
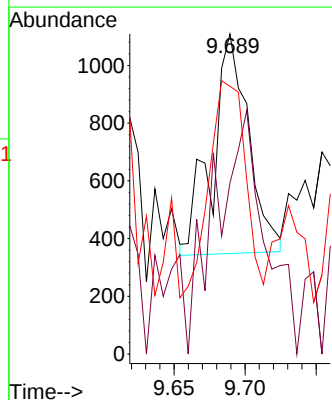
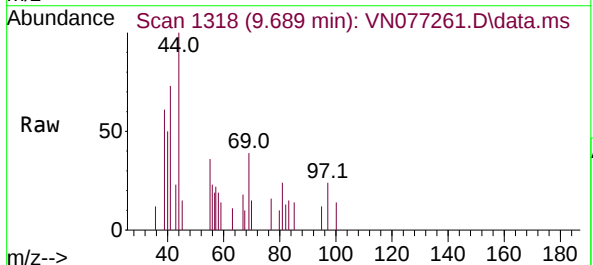
Instrument :
MSVOA_N
ClientSampleId :
IBLK

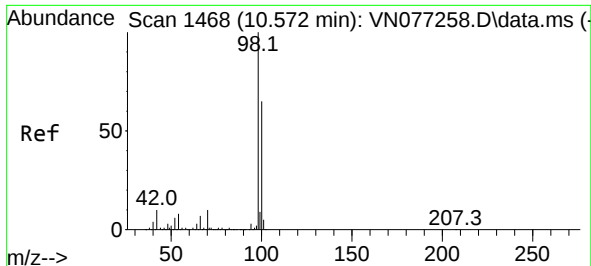
Tgt Ion:130 Resp: 2440
Ion Ratio Lower Upper
130 100
95 89.9 0.0 197.8



#48
Methyl methacrylate
Concen: 0.202 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 41 Resp: 1344
Ion Ratio Lower Upper
41 100
69 152.2 70.7 106.1#
39 89.8 40.6 61.0#

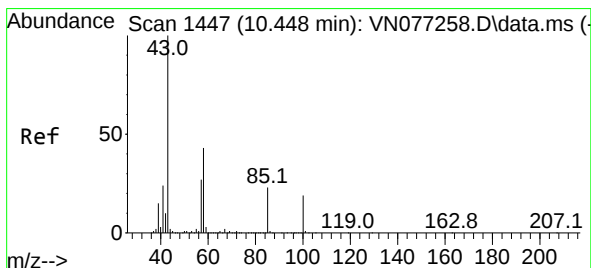
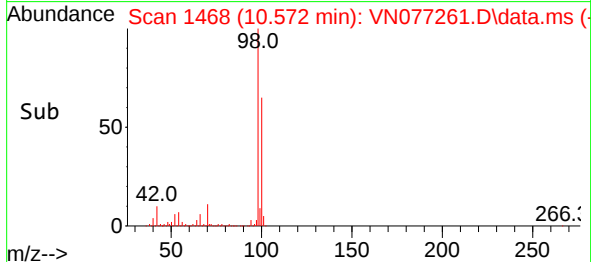
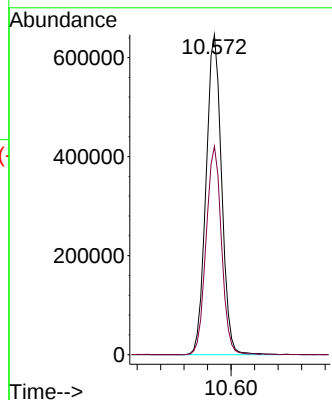
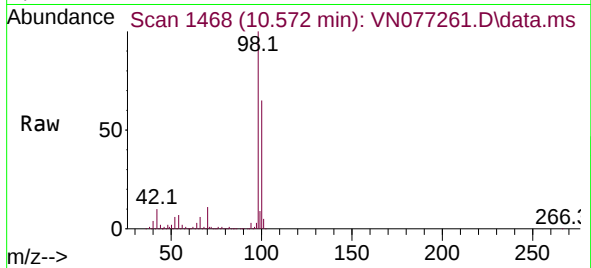




#50
Toluene-d8
Concen: 54.977 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

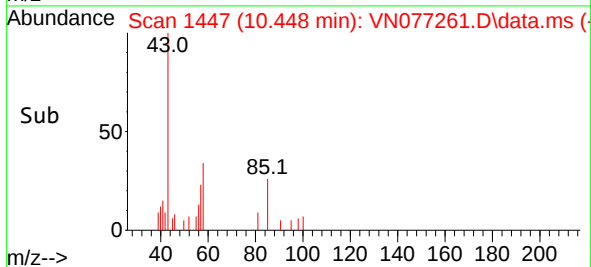
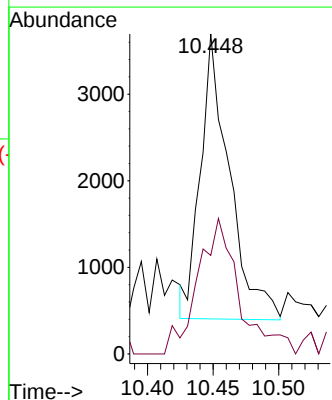
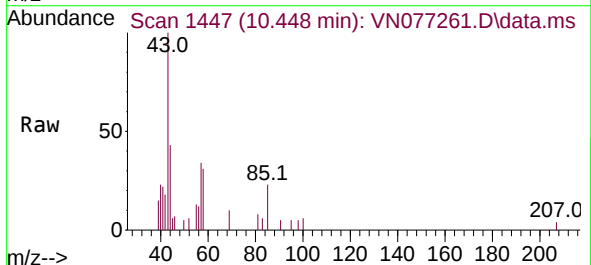
Instrument :
MSVOA_N
ClientSampleId :
IBLK

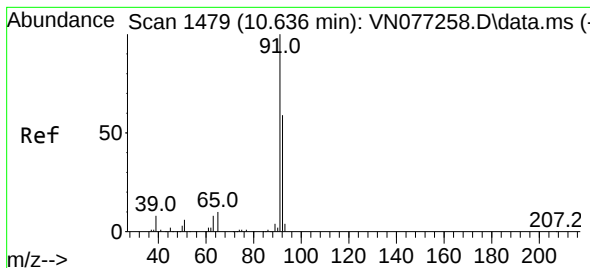
Tgt Ion: 98 Resp: 1186416
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 43 Resp: 5043
Ion Ratio Lower Upper
43 100
58 68.2 33.3 49.9#





#52

Toluene

Concen: 0.239 ug/l

RT: 10.625 min Scan# 1479

Delta R.T. -0.006 min

Lab File: VN077261.D

Acq: 05 Apr 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

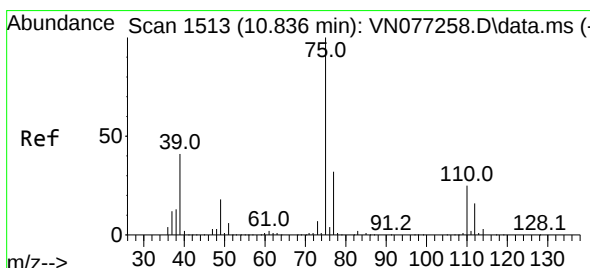
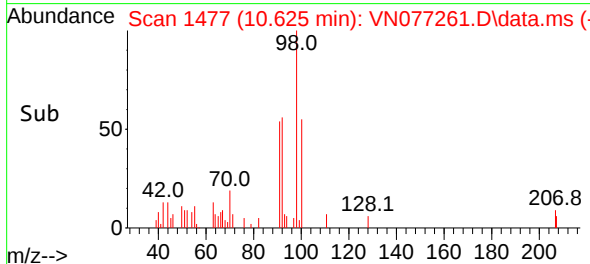
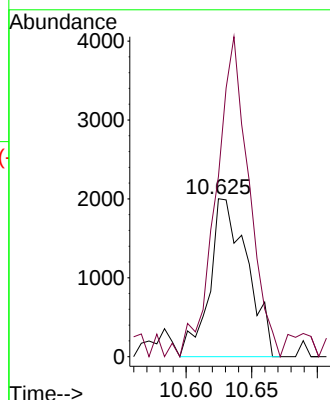
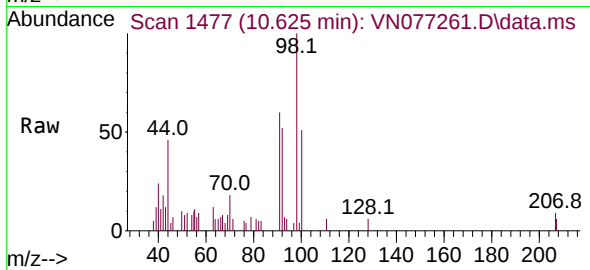
IBLK

Tgt Ion: 92 Resp: 3977

Ion Ratio Lower Upper

92 100

91 179.2 138.8 208.2



#53

t-1,3-Dichloropropene

Concen: 0.305 ug/l

RT: 10.848 min Scan# 1515

Delta R.T. 0.012 min

Lab File: VN077261.D

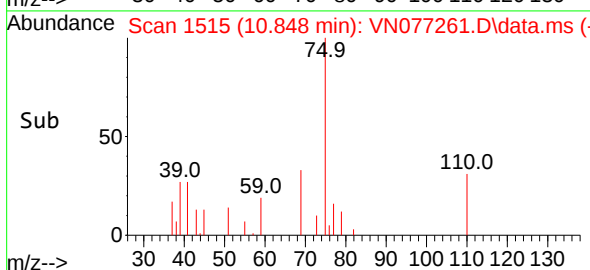
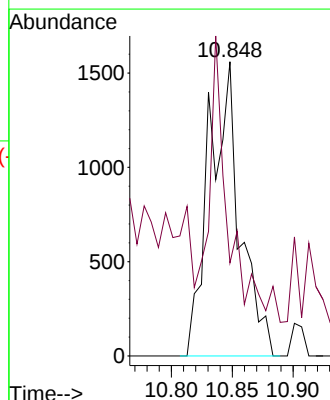
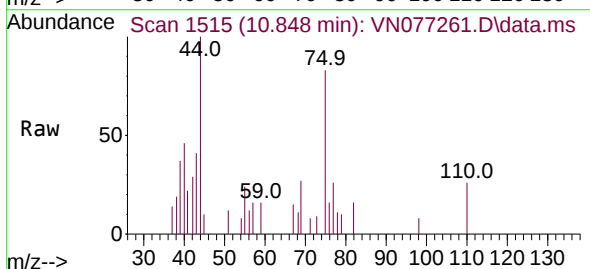
Acq: 05 Apr 2023 13:40

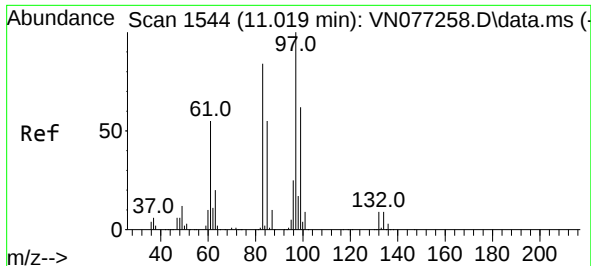
Tgt Ion: 75 Resp: 2753

Ion Ratio Lower Upper

75 100

77 20.3 25.8 38.8#

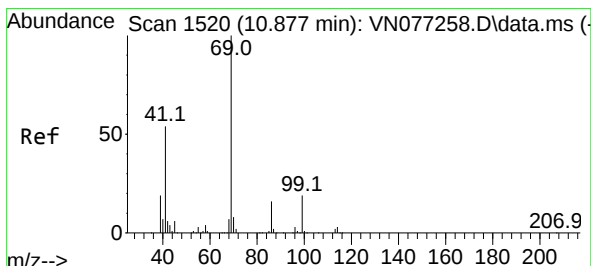
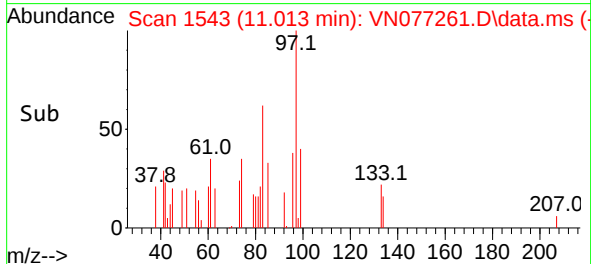
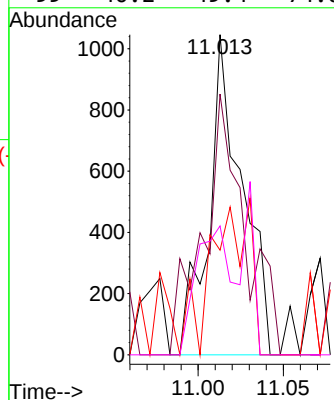
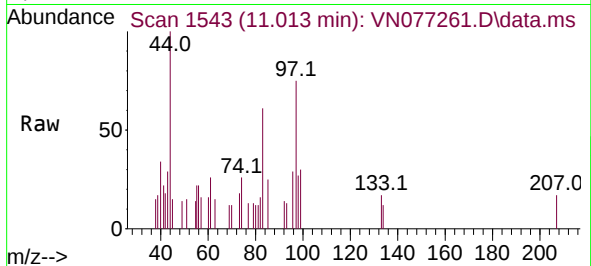




#55
1,1,2-Trichloroethane
Concen: 0.206 ug/l
RT: 11.013 min Scan# 1544
Delta R.T. -0.006 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

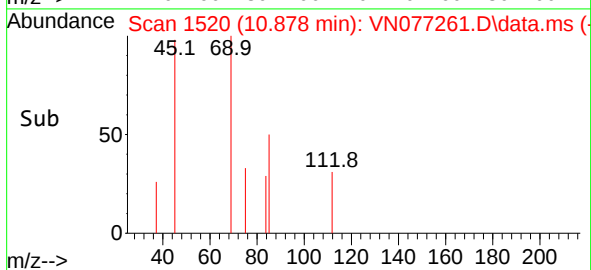
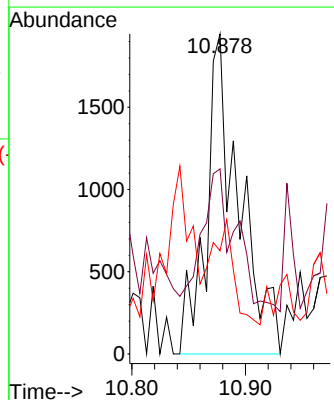
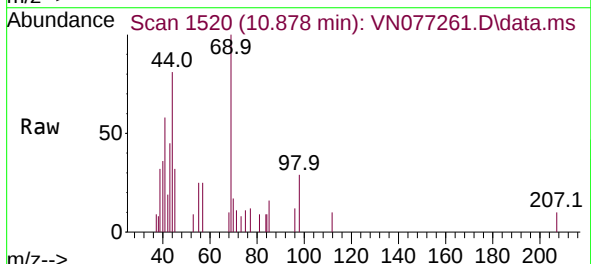
Instrument :
MSVOA_N
ClientSampleId :
IBLK

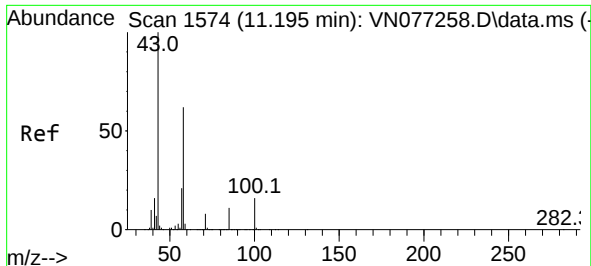
Tgt Ion: 97	Resp: 1418
Ion Ratio	Lower Upper
97 100	
83 81.5	68.4 102.6
85 32.7	43.2 64.8#
99 40.2	49.4 74.0#



#56
Ethyl methacrylate
Concen: 0.406 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 69	Resp: 3865		
Ion Ratio	Lower	Upper	
69 100			
41 40.5	49.9	74.9#	
39 17.1	21.9	32.9#	





#59

2-Hexanone

Concen: 2.148 ug/l

RT: 11.201 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077261.D

Acq: 05 Apr 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

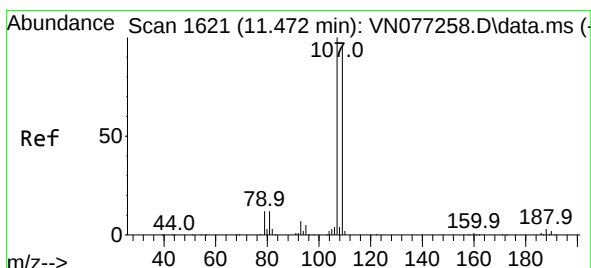
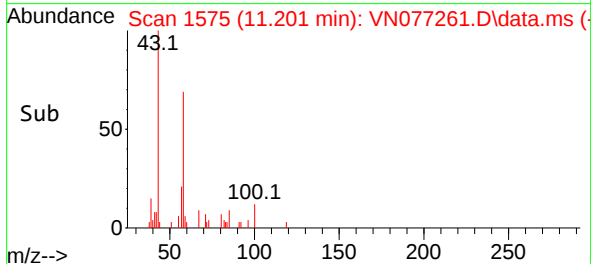
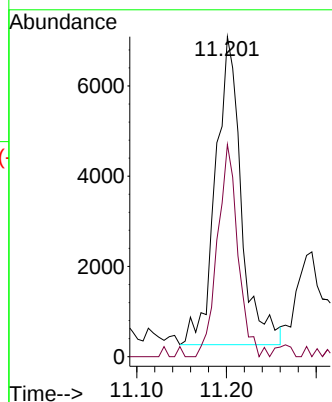
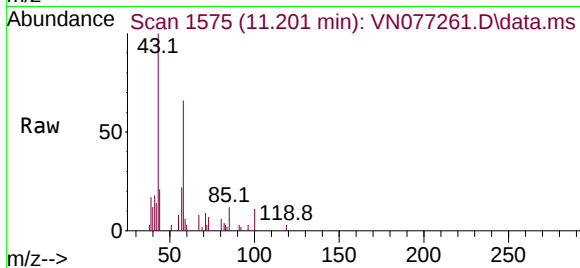
IBLK

Tgt Ion: 43 Resp: 13610

Ion Ratio Lower Upper

43 100

58 54.8 29.3 88.0



#61

1,2-Dibromoethane

Concen: 0.221 ug/l

RT: 11.460 min Scan# 1619

Delta R.T. -0.012 min

Lab File: VN077261.D

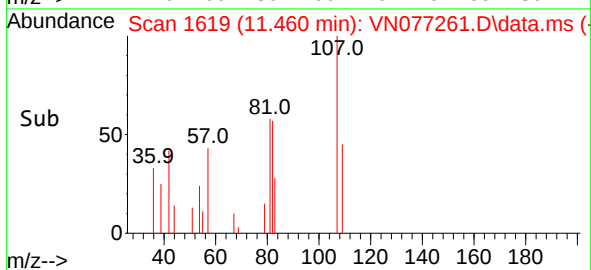
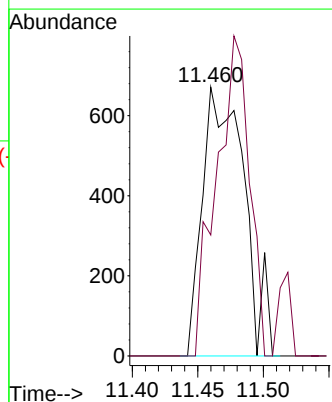
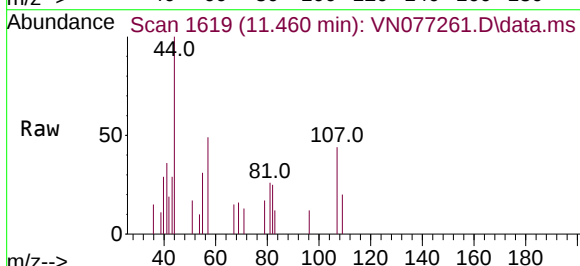
Acq: 05 Apr 2023 13:40

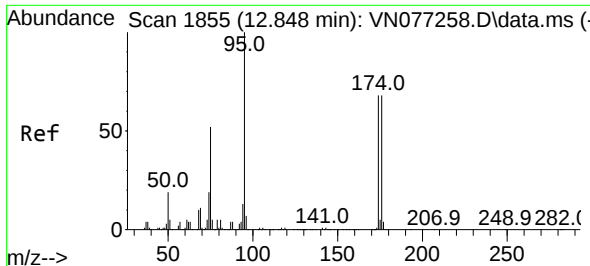
Tgt Ion:107 Resp: 1477

Ion Ratio Lower Upper

107 100

109 94.2 75.7 113.5

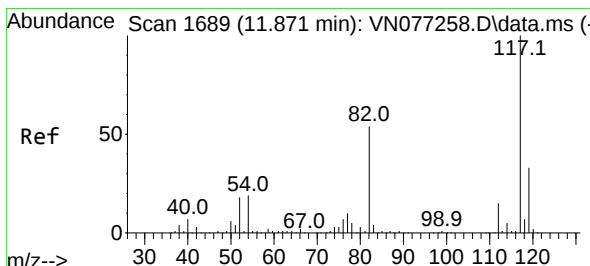
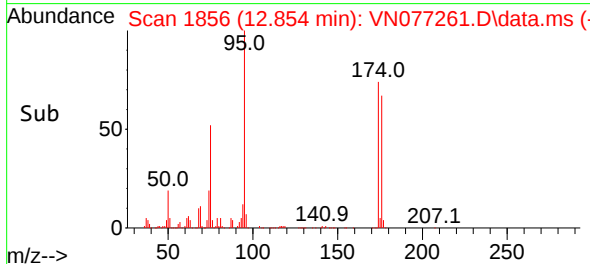
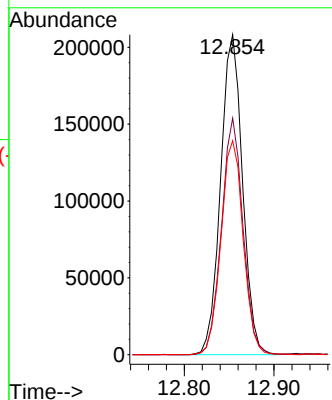
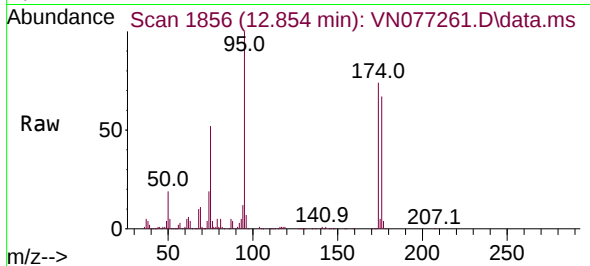




#62
4-Bromofluorobenzene
Concen: 49.387 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

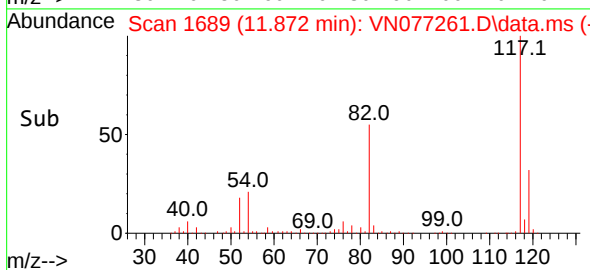
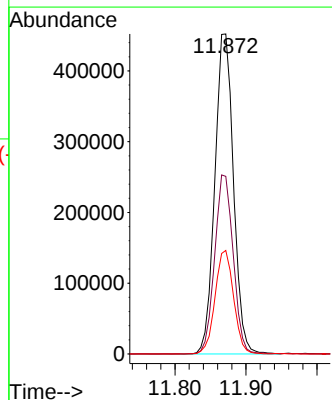
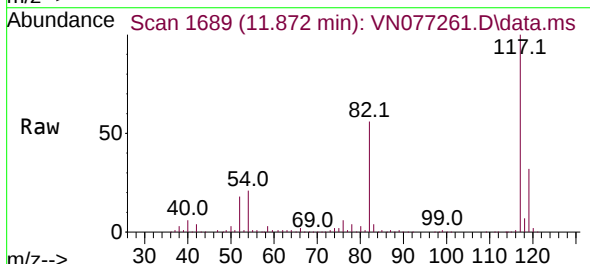
Instrument :
MSVOA_N
ClientSampleId :
IBLK

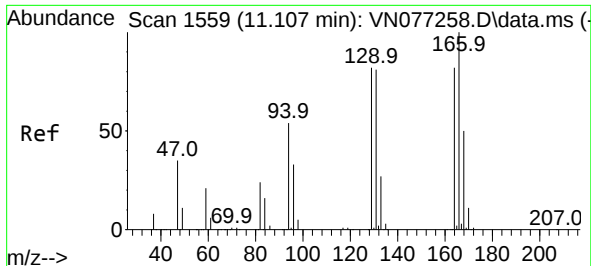
Tgt Ion: 95 Resp: 352820
Ion Ratio Lower Upper
95 100
174 72.6 0.0 179.2
176 67.9 0.0 171.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 117 Resp: 823972
Ion Ratio Lower Upper
117 100
82 55.5 42.9 64.3
119 32.4 25.3 37.9

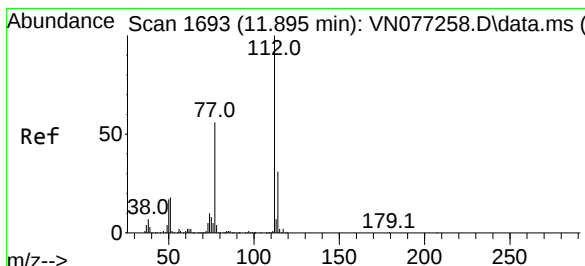
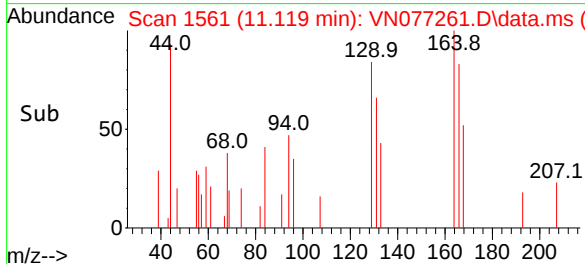
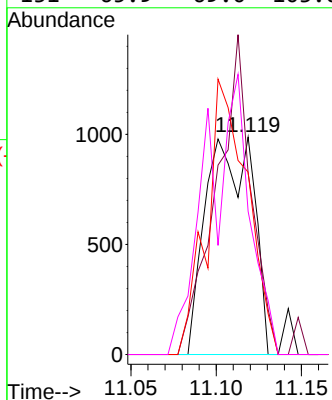
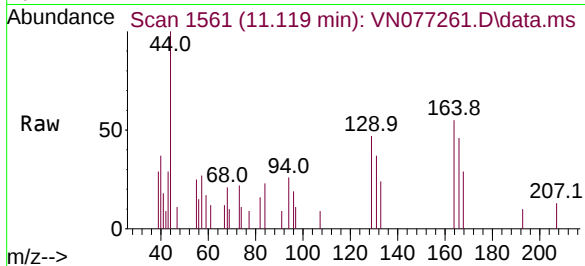




#64
Tetrachloroethene
Concen: 0.312 ug/l
RT: 11.119 min Scan# 1561
Delta R.T. 0.012 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

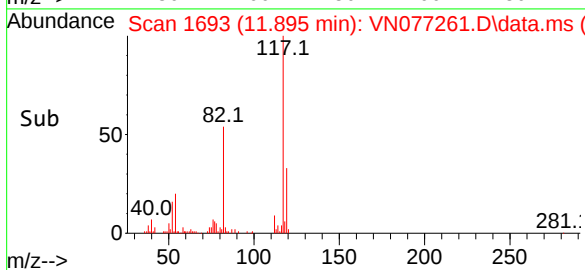
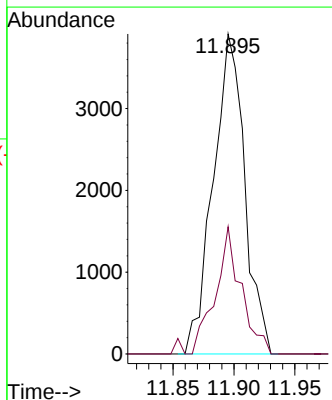
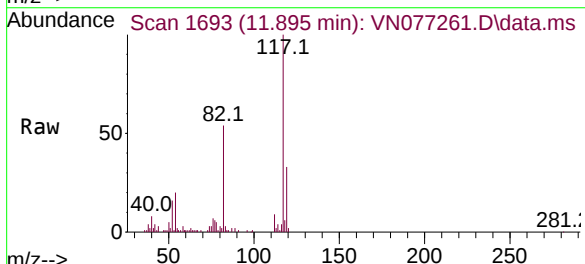
Instrument :
MSVOA_N
ClientSampleId :
IBLK

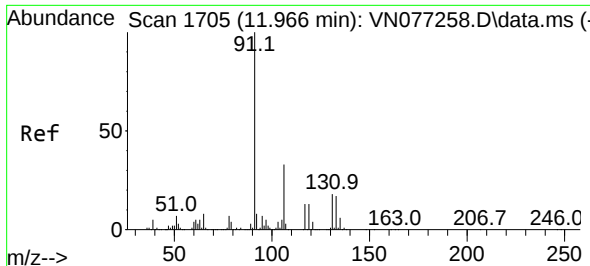
Tgt Ion:164 Resp: 1885
Ion Ratio Lower Upper
164 100
166 83.4 106.0 159.0#
129 83.9 72.4 108.6
131 65.9 69.0 103.6#



#65
Chlorobenzene
Concen: 0.405 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion:112 Resp: 7039
Ion Ratio Lower Upper
112 100
114 39.8 25.9 38.9#

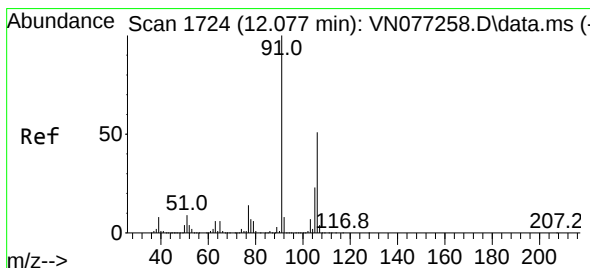
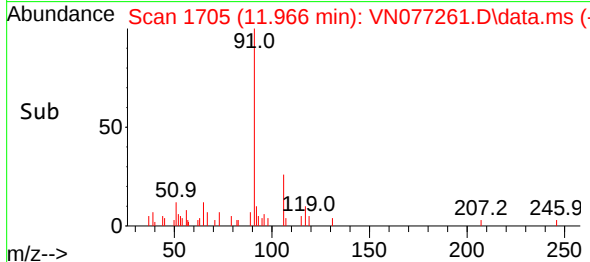
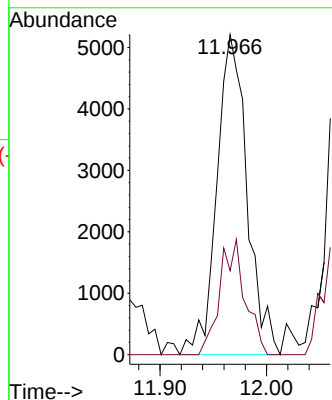
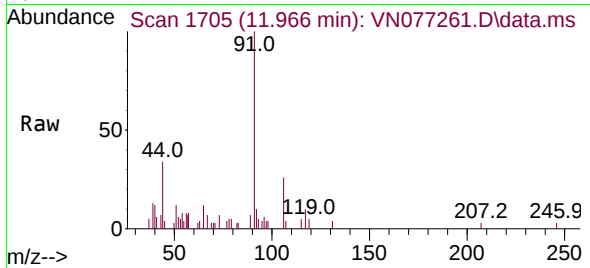




#67
Ethyl Benzene
Concen: 0.351 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

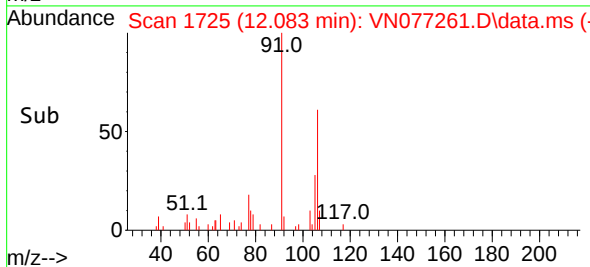
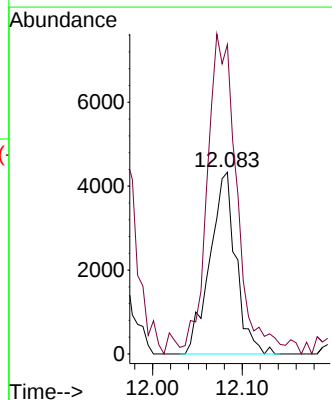
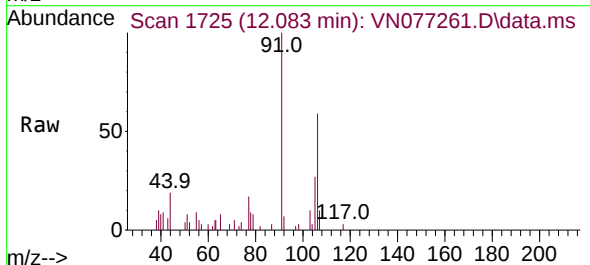
Instrument :
MSVOA_N
ClientSampleId :
IBLK

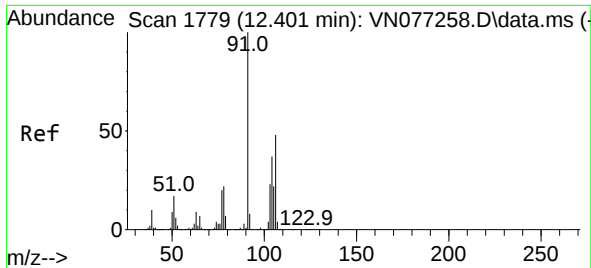
Tgt Ion: 91 Resp: 10281
Ion Ratio Lower Upper
91 100
106 26.3 24.3 36.5



#68
m/p-Xylenes
Concen: 0.763 ug/l
RT: 12.083 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 106 Resp: 8709
Ion Ratio Lower Upper
106 100
91 200.0 158.6 238.0

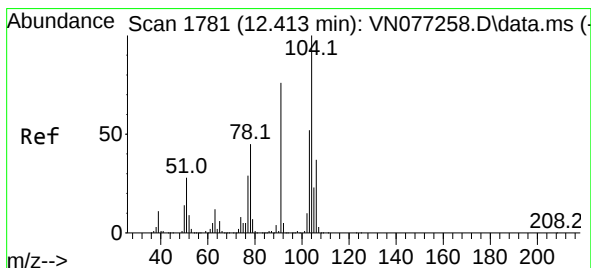
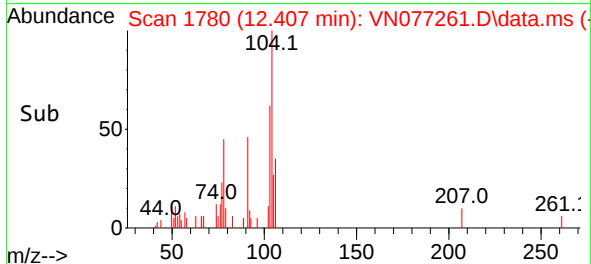
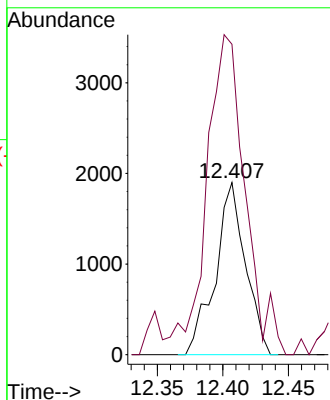
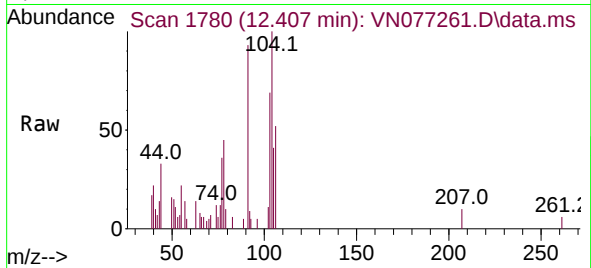




#69
o-Xylene
Concen: 0.276 ug/l
RT: 12.407 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

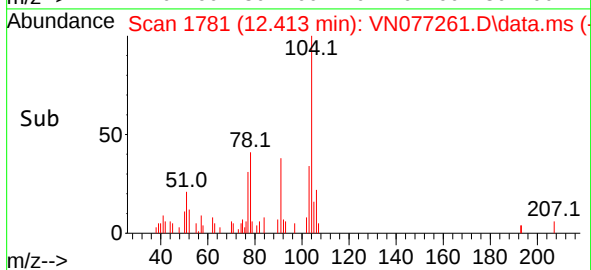
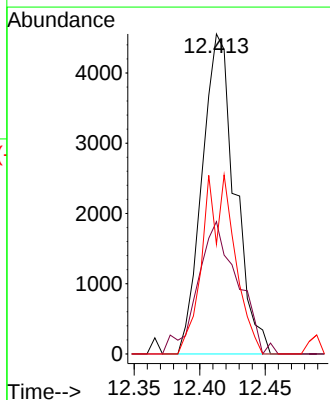
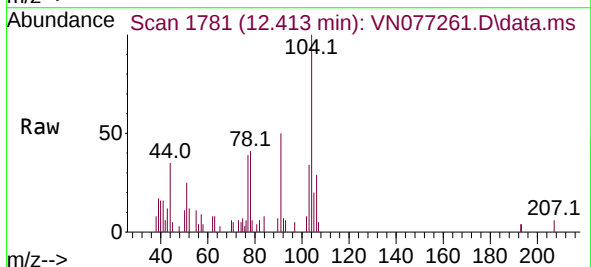
Instrument :
MSVOA_N
ClientSampleId :
IBLK

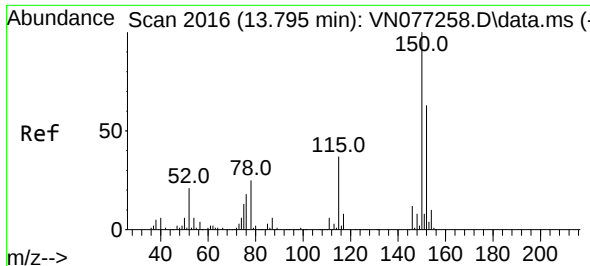
Tgt Ion:106 Resp: 3039
Ion Ratio Lower Upper
106 100
91 235.2 104.7 314.1



#70
Styrene
Concen: 0.455 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion:104 Resp: 7971
Ion Ratio Lower Upper
104 100
78 50.3 38.7 58.1
103 53.7 44.5 66.7

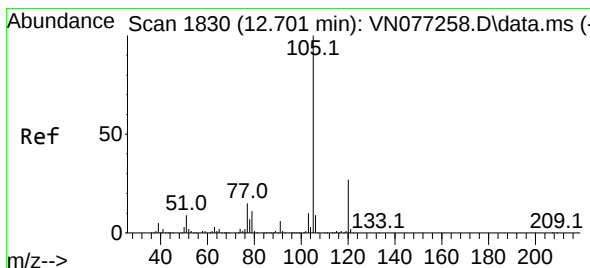
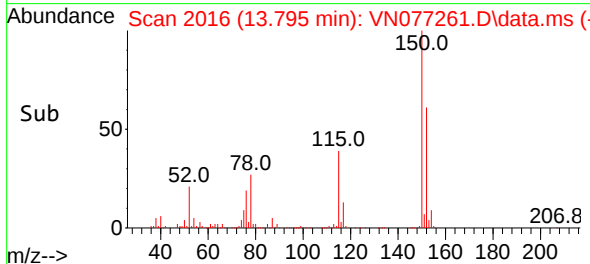
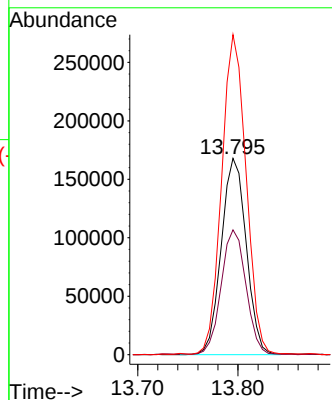
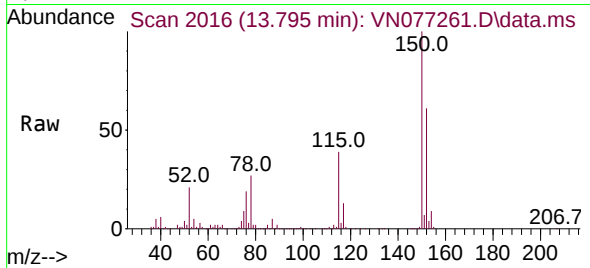




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

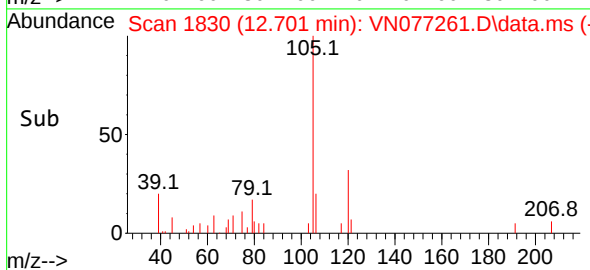
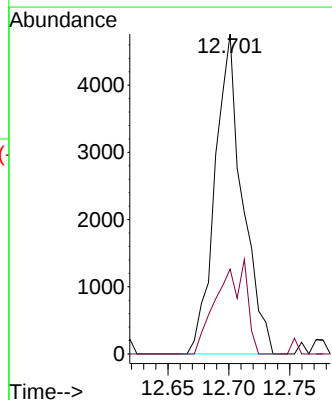
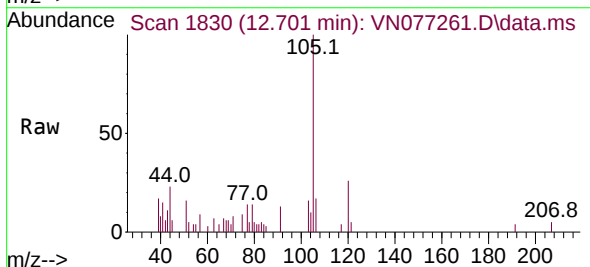
Instrument :
MSVOA_N
ClientSampleId :
IBLK

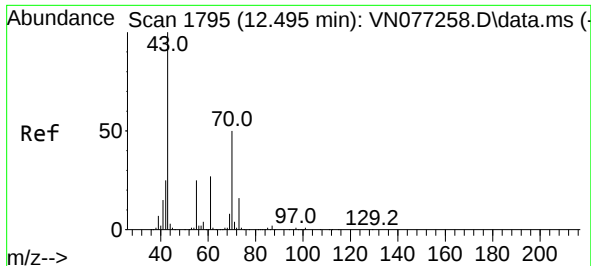
Tgt Ion:152 Resp: 290398
Ion Ratio Lower Upper
152 100
115 63.3 27.9 83.6
150 158.9 0.0 346.4



#73
Isopropylbenzene
Concen: 0.346 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion:105 Resp: 7485
Ion Ratio Lower Upper
105 100
120 31.0 13.7 41.1

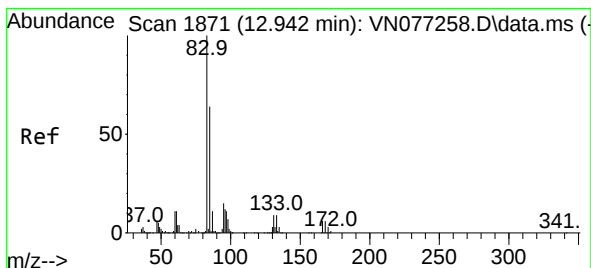
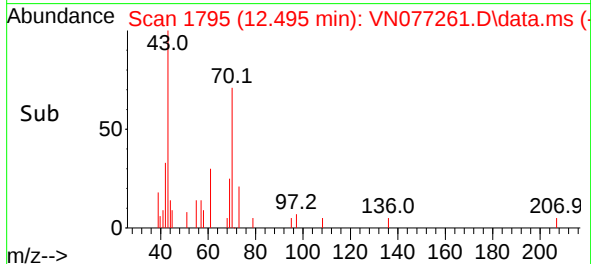
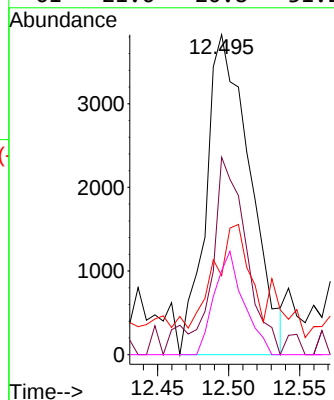
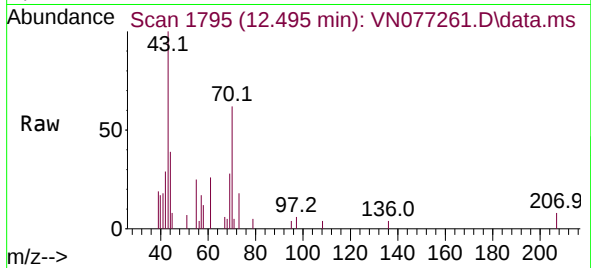




#74
N-amy1 acetate
Concen: 1.032 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

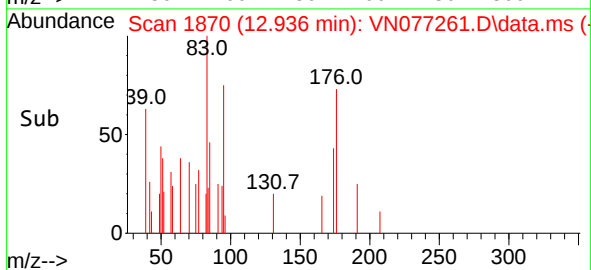
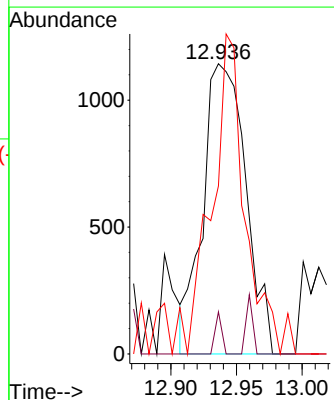
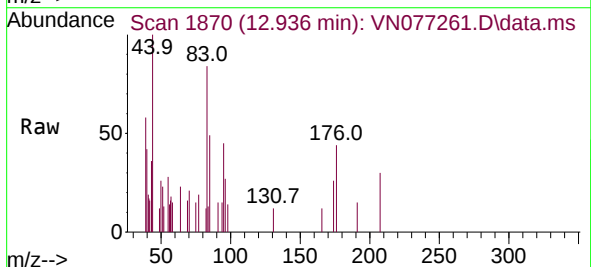
Instrument :
MSVOA_N
ClientSampleId :
IBLK

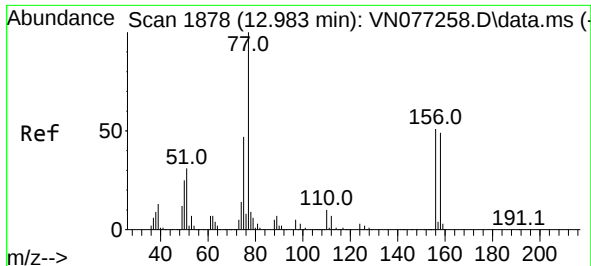
Tgt Ion: 43	Resp: 8241
Ion Ratio	Lower Upper
43 100	
70 49.9	37.5 56.3
55 24.6	21.4 32.0
61 21.6	20.8 31.2



#75
1,1,2,2-Tetrachloroethane
Concen: 0.347 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 83	Resp: 2610		
Ion Ratio	Lower	Upper	
83 100			
131 2.3	5.1	15.3#	
85 87.3	32.3	96.9	

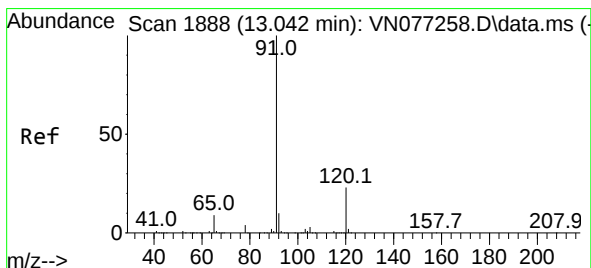
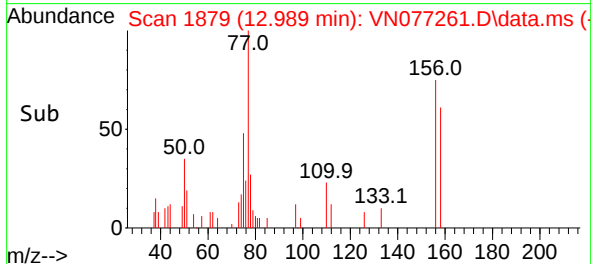
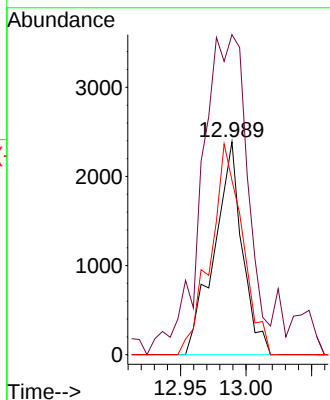
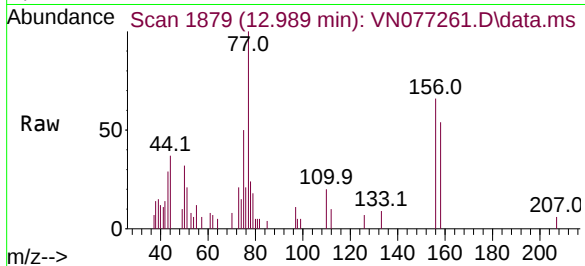




#77
Bromobenzene
Concen: 0.612 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

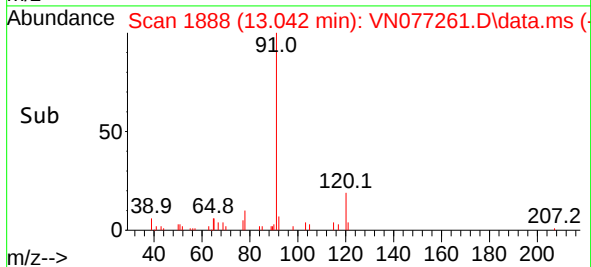
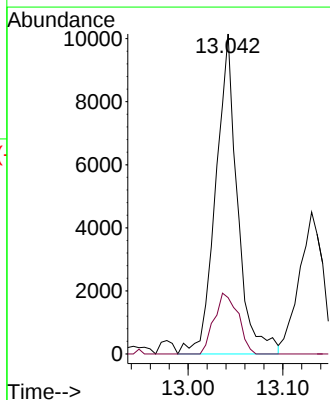
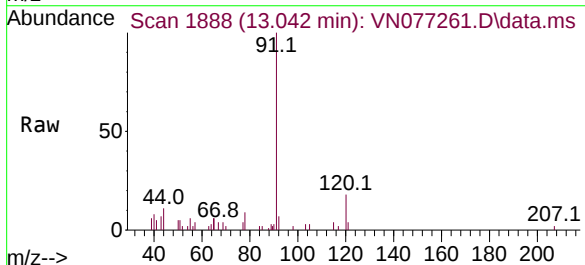
Instrument :
MSVOA_N
ClientSampleId :
IBLK

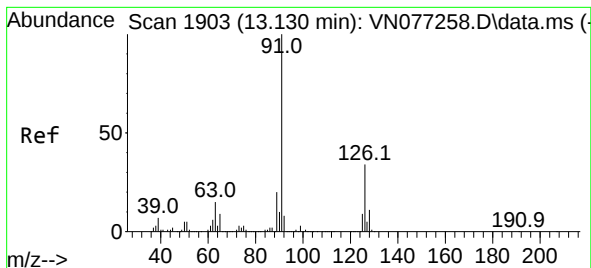
Tgt Ion:156 Resp: 3548
Ion Ratio Lower Upper
156 100
77 248.1 97.0 291.2
158 113.5 49.1 147.3



#78
n-propylbenzene
Concen: 0.679 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 91 Resp: 16209
Ion Ratio Lower Upper
91 100
120 20.9 11.7 35.1





#79

2-Chlorotoluene

Concen: 0.475 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VN077261.D

Acq: 05 Apr 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

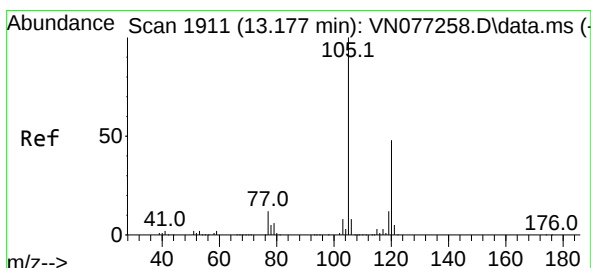
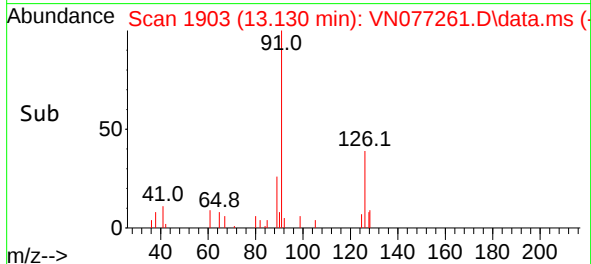
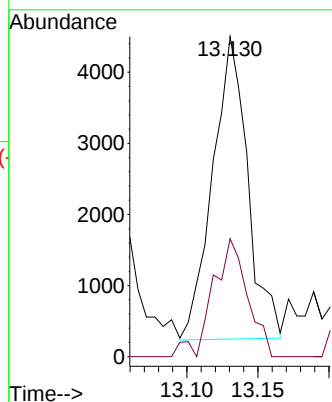
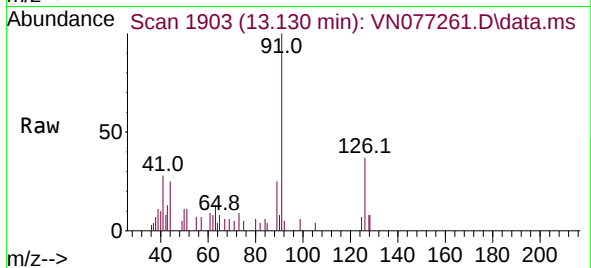
IBLK

Tgt Ion: 91 Resp: 7301

Ion Ratio Lower Upper

91 100

126 38.7 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 0.406 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077261.D

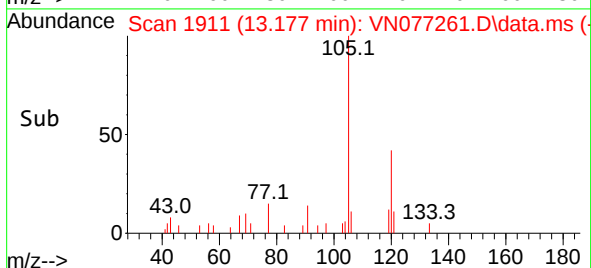
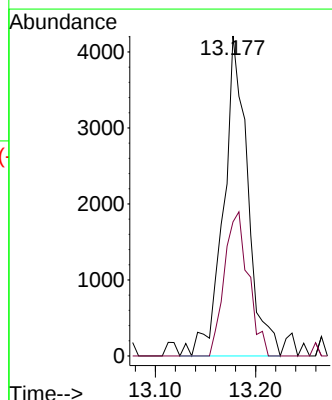
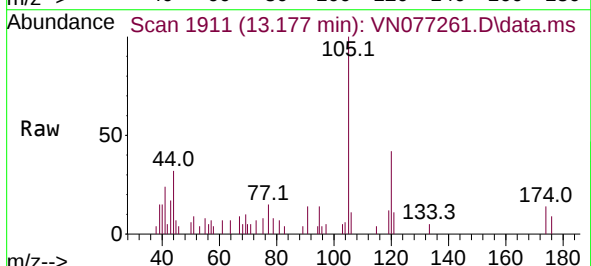
Acq: 05 Apr 2023 13:40

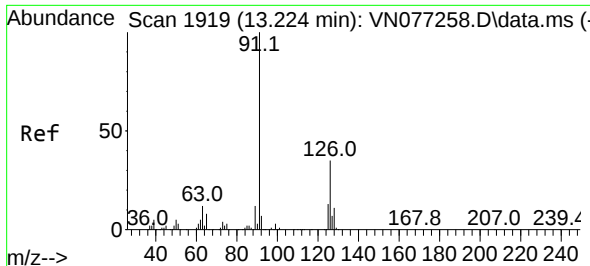
Tgt Ion: 105 Resp: 7070

Ion Ratio Lower Upper

105 100

120 44.5 25.6 76.8

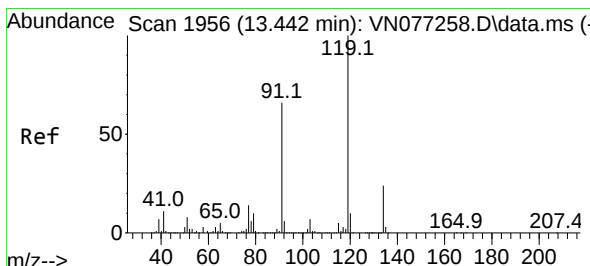
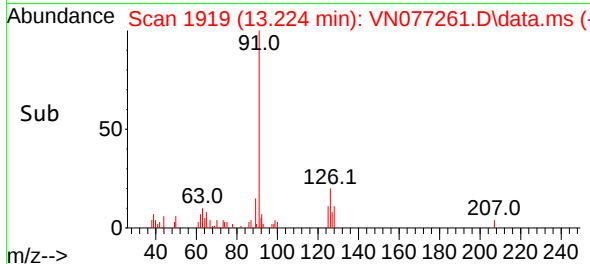
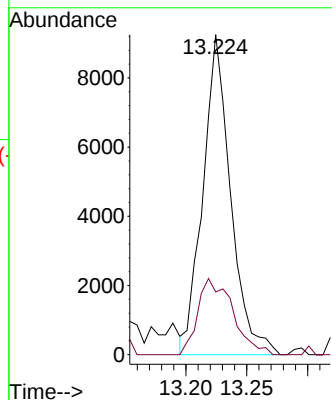
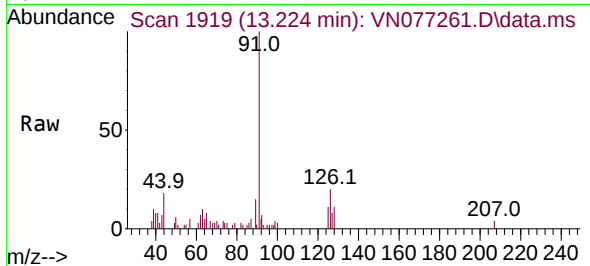




#82
4-Chlorotoluene
Concen: 1.015 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

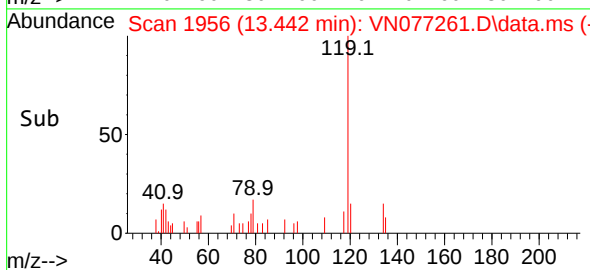
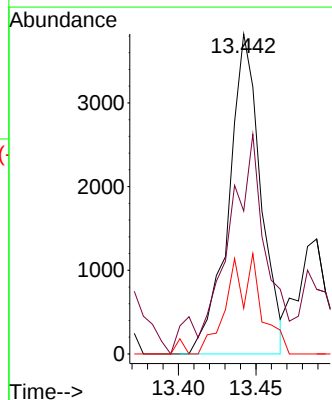
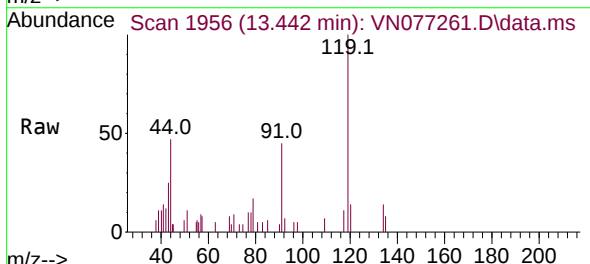
Instrument :
MSVOA_N
ClientSampleId :
IBLK

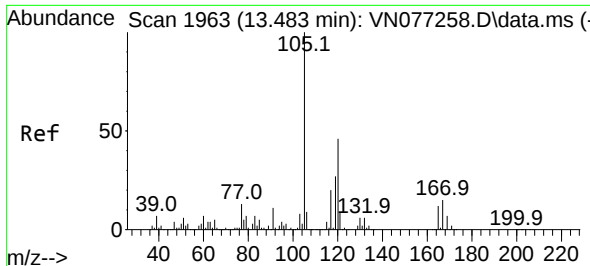
Tgt Ion: 91 Resp: 14644
Ion Ratio Lower Upper
91 100
126 30.1 17.6 52.8



#83
tert-Butylbenzene
Concen: 0.348 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 119 Resp: 5523
Ion Ratio Lower Upper
119 100
91 84.5 31.4 94.0
134 31.4 13.7 41.0

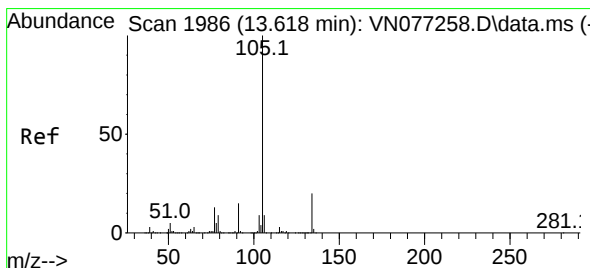
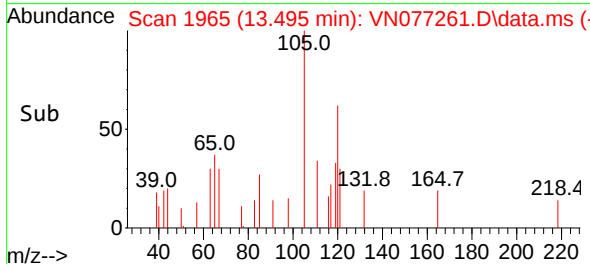
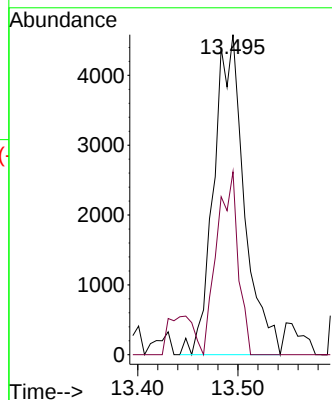
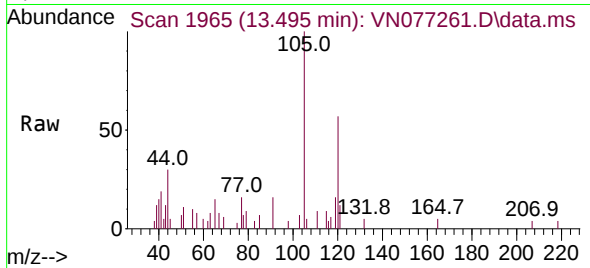




#84
1,2,4-Trimethylbenzene
Concen: 0.568 ug/l
RT: 13.495 min Scan# 1965
Delta R.T. 0.012 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

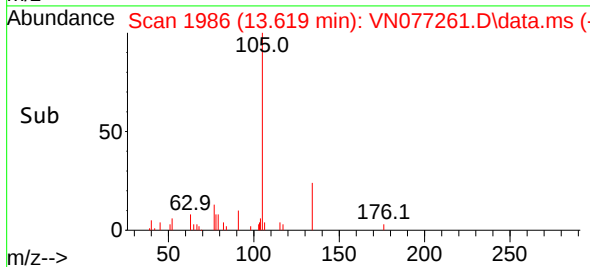
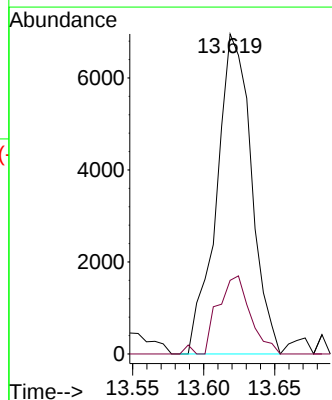
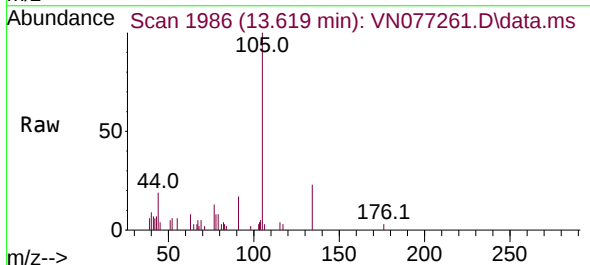
Instrument :
MSVOA_N
ClientSampleId :
IBLK

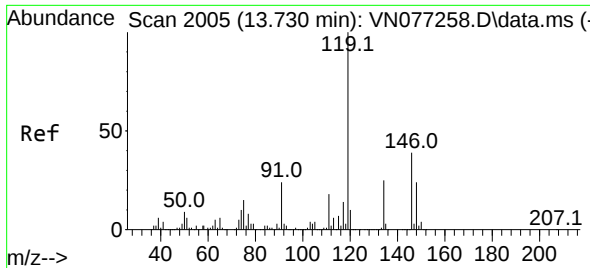
Tgt Ion:105 Resp: 9651
Ion Ratio Lower Upper
105 100
120 39.8 23.4 70.0



#85
sec-Butylbenzene
Concen: 0.556 ug/l
RT: 13.619 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion:105 Resp: 11904
Ion Ratio Lower Upper
105 100
134 23.0 10.4 31.2

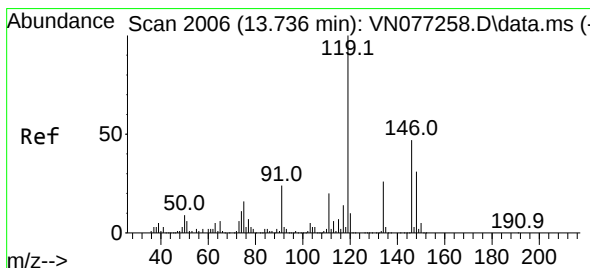
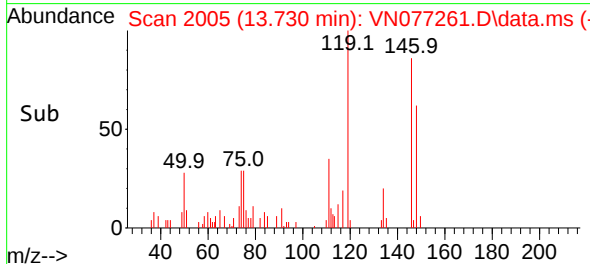
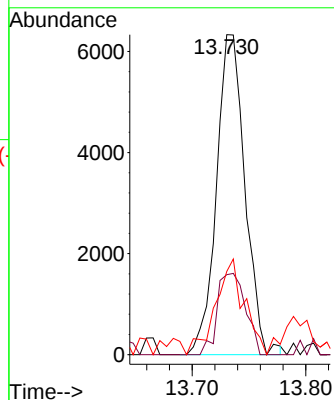
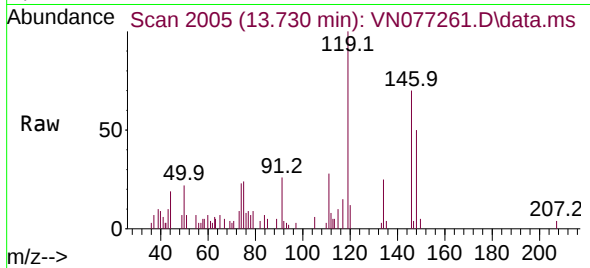




#86
p-Isopropyltoluene
Concen: 0.634 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

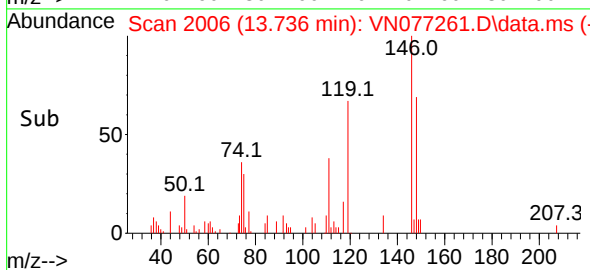
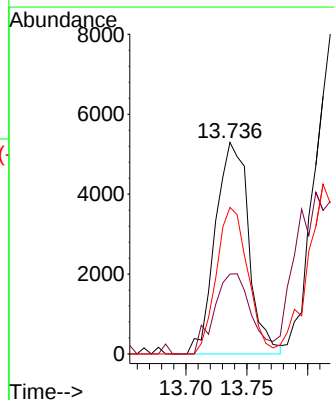
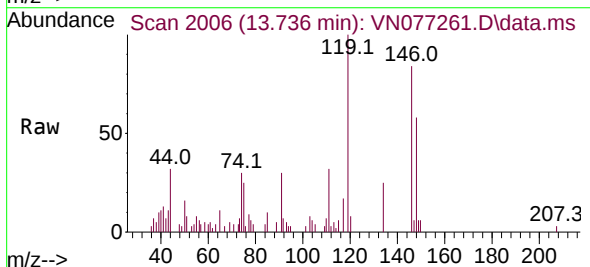
Instrument :
MSVOA_N
ClientSampleId :
IBLK

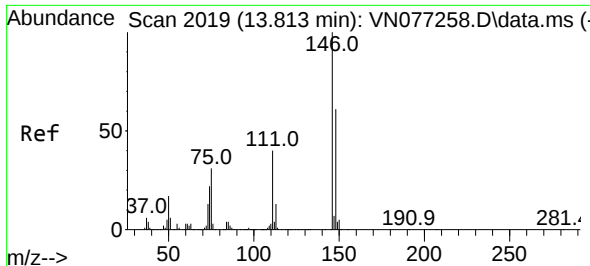
Tgt Ion:	119	Resp:	11076
Ion Ratio	Lower	Upper	
119	100		
134	25.2	13.5	40.4
91	30.1	10.9	32.6



#87
1,3-Dichlorobenzene
Concen: 0.992 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion:	146	Resp:	10097
Ion Ratio	Lower	Upper	
146	100		
111	42.2	19.1	57.1
148	65.1	31.9	95.9

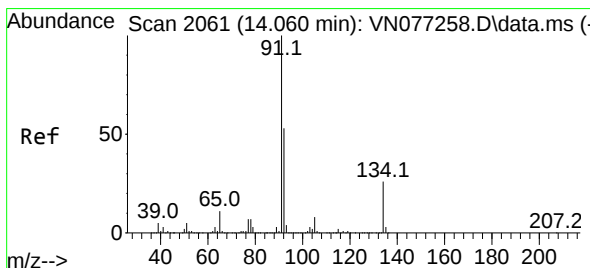
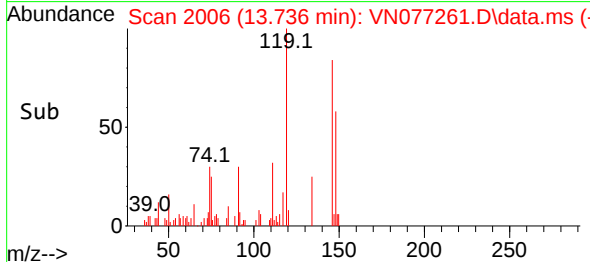
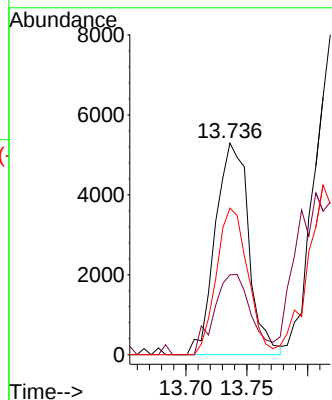
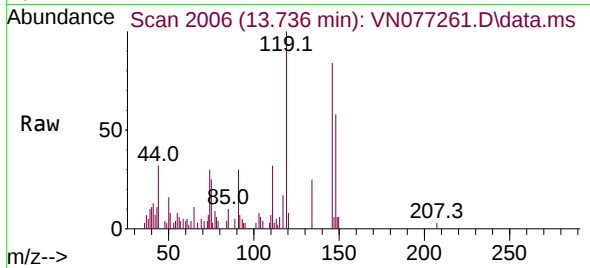




#88
1,4-Dichlorobenzene
Concen: 1.006 ug/l
RT: 13.736 min Scan# 2019
Delta R.T. -0.076 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

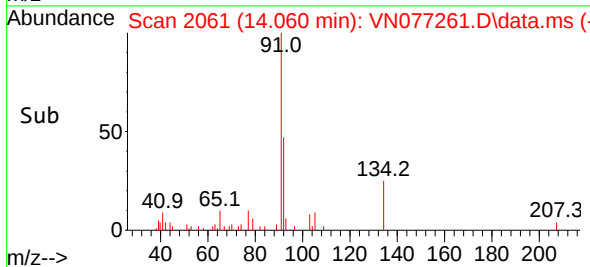
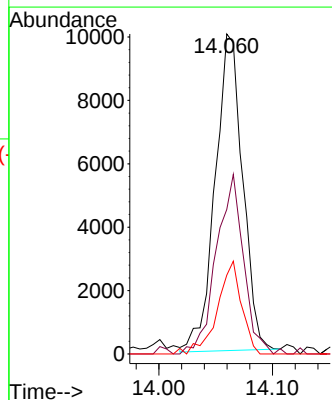
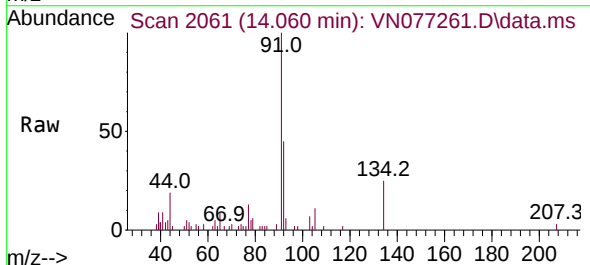
Instrument :
MSVOA_N
ClientSampleId :
IBLK

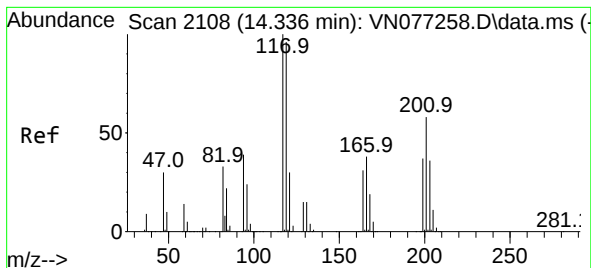
Tgt Ion:146 Resp: 10097
Ion Ratio Lower Upper
146 100
111 42.2 18.6 56.0
148 65.1 31.9 95.5



#89
n-Butylbenzene
Concen: 1.202 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077261.D
Acq: 05 Apr 2023 13:40

Tgt Ion: 91 Resp: 16814
Ion Ratio Lower Upper
91 100
92 56.2 27.0 80.8
134 25.7 13.6 40.7





#90

Hexachloroethane

Concen: 0.354 ug/l

RT: 14.348 min Scan# 2108

Delta R.T. 0.012 min

Lab File: VN077261.D

Acq: 05 Apr 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

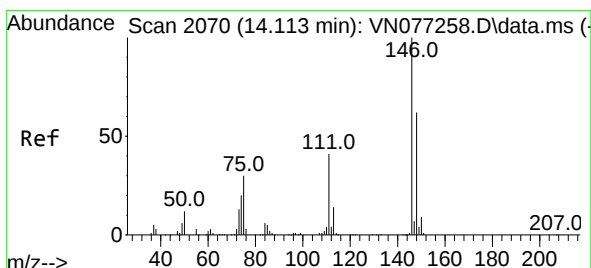
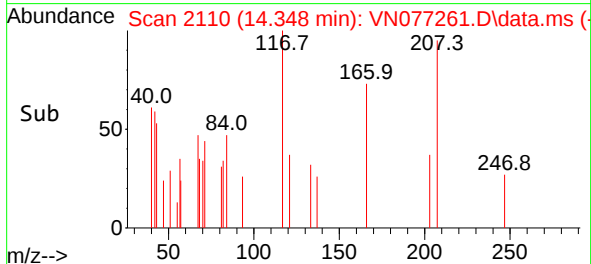
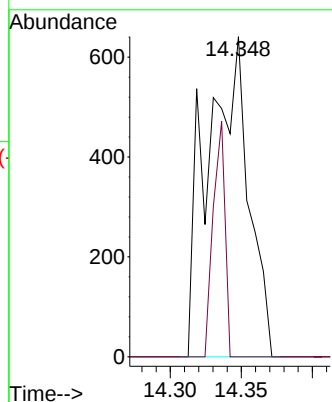
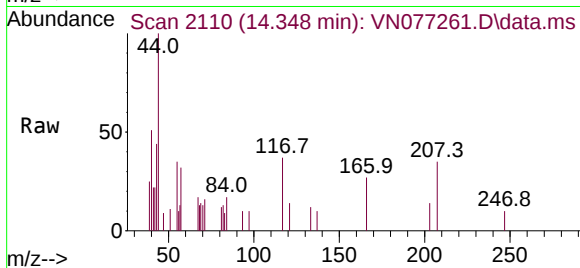
IBLK

Tgt Ion:117 Resp: 1285

Ion Ratio Lower Upper

117 100

201 21.2 45.1 135.2#



#91

1,2-Dichlorobenzene

Concen: 0.808 ug/l

RT: 14.113 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VN077261.D

Acq: 05 Apr 2023 13:40

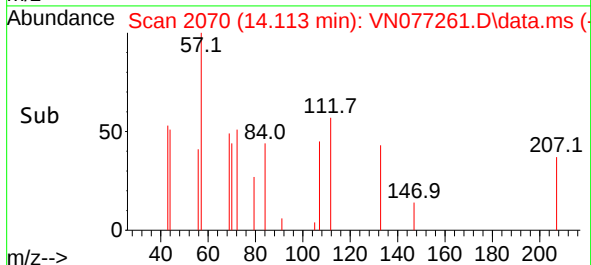
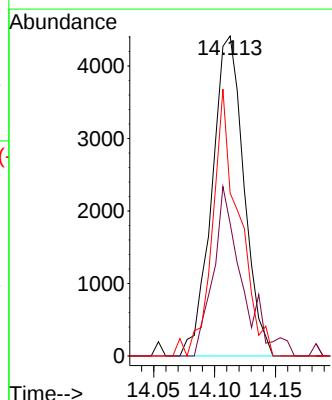
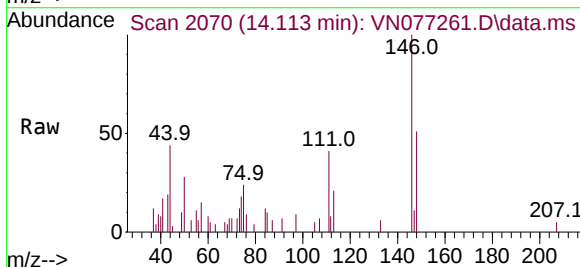
Tgt Ion:146 Resp: 8073

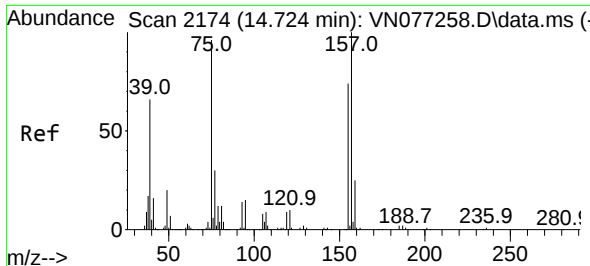
Ion Ratio Lower Upper

146 100

111 47.9 19.6 58.7

148 68.6 31.8 95.4

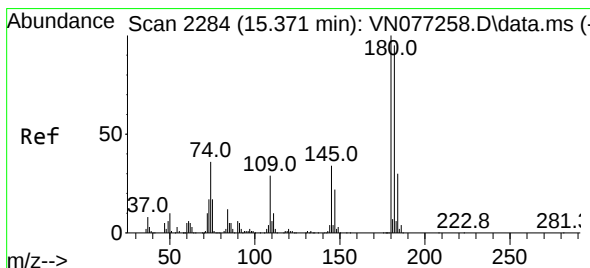
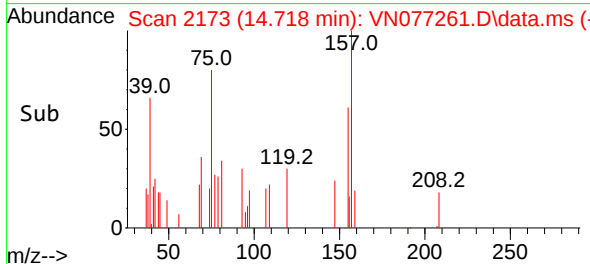
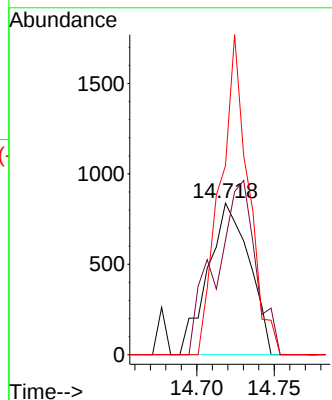
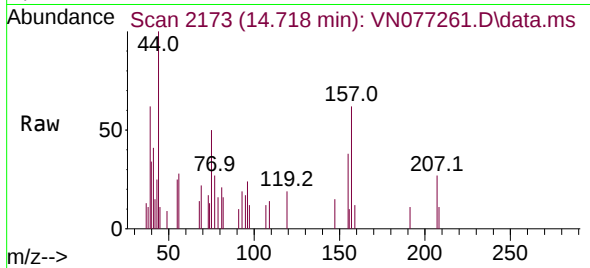




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.236 ug/l
 RT: 14.718 min Scan# 2173
 Delta R.T. -0.006 min
 Lab File: VN077261.D
 Acq: 05 Apr 2023 13:40

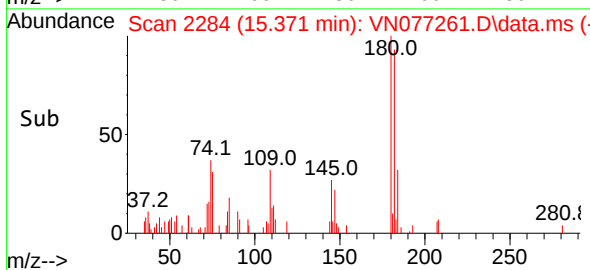
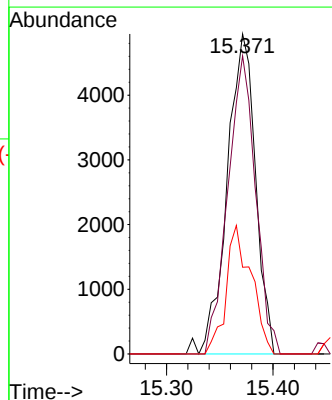
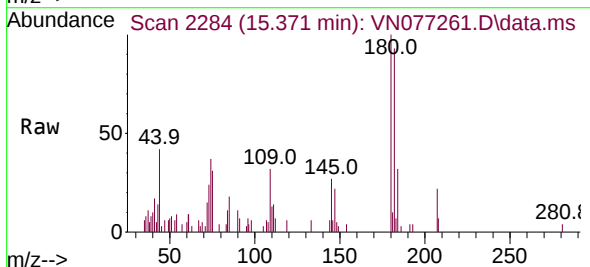
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

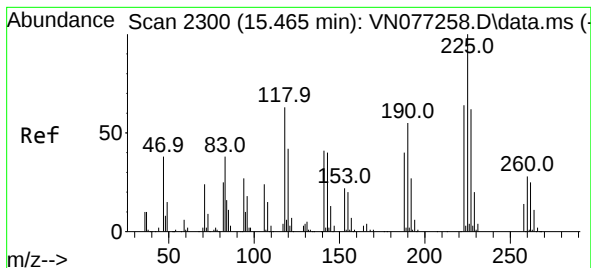
Tgt Ion: 75 Resp: 1555
 Ion Ratio Lower Upper
 75 100
 155 110.6 48.1 144.3
 157 144.1 62.2 186.5



#93
 1,2,4-Trichlorobenzene
 Concen: 2.362 ug/l
 RT: 15.371 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: VN077261.D
 Acq: 05 Apr 2023 13:40

Tgt Ion: 180 Resp: 9185
 Ion Ratio Lower Upper
 180 100
 182 90.8 47.9 143.8
 145 35.3 13.9 41.6





#94

Hexachlorobutadiene

Concen: 0.445 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077261.D

Acq: 05 Apr 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

IBLK

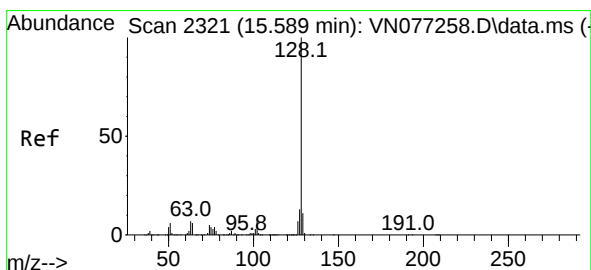
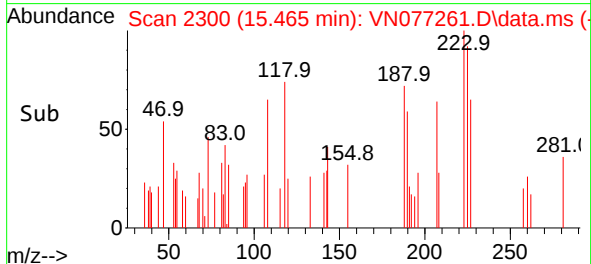
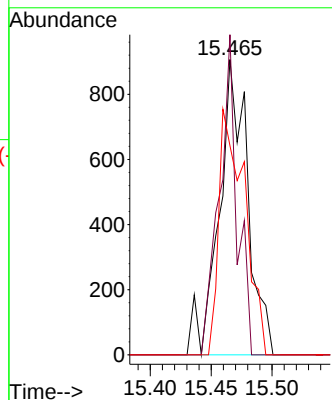
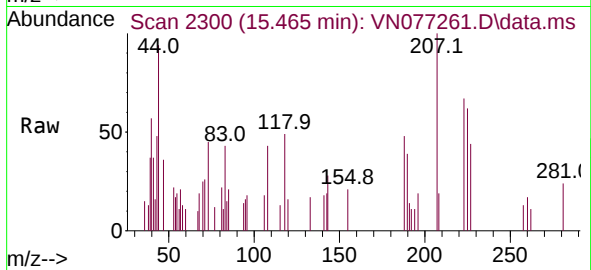
Tgt Ion:225 Resp: 1479

Ion Ratio Lower Upper

225 100

223 68.0 31.1 93.2

227 75.3 32.3 96.8



#95

Naphthalene

Concen: 4.535 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. 0.000 min

Lab File: VN077261.D

Acq: 05 Apr 2023 13:40

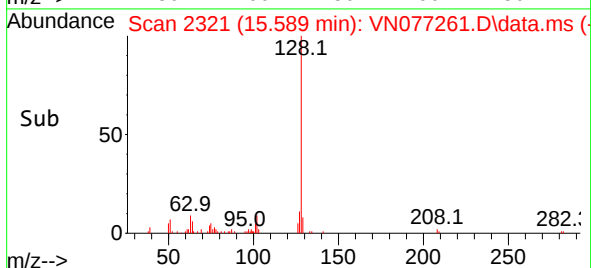
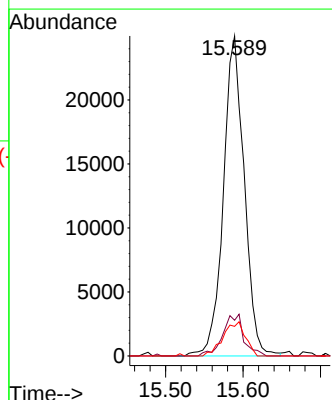
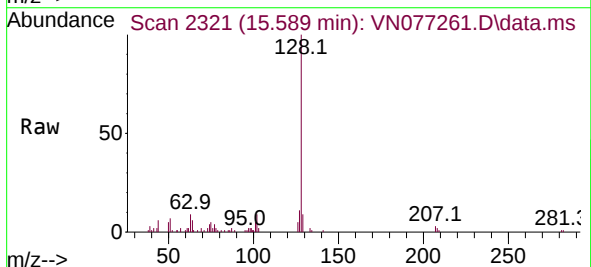
Tgt Ion:128 Resp: 46883

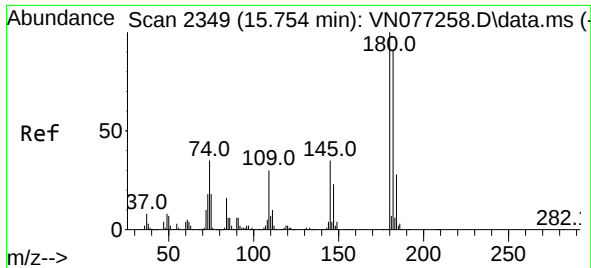
Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

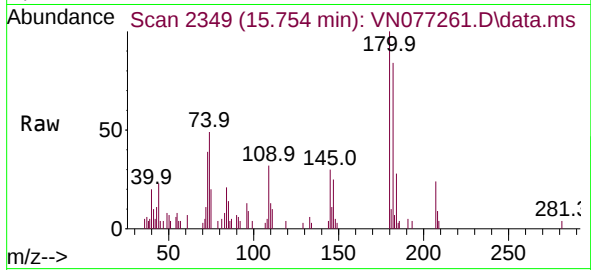
129 11.4 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 2.661 ug/l
 RT: 15.754 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077261.D
 Acq: 05 Apr 2023 13:40

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	10162
Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.9	143.8
145	39.7	14.8	44.3

