

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077391.D
 Acq On : 20 Apr 2023 11:20
 Operator : JC\MD
 Sample : VN0420WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBL01

Quant Time: Apr 21 02:38:07 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)

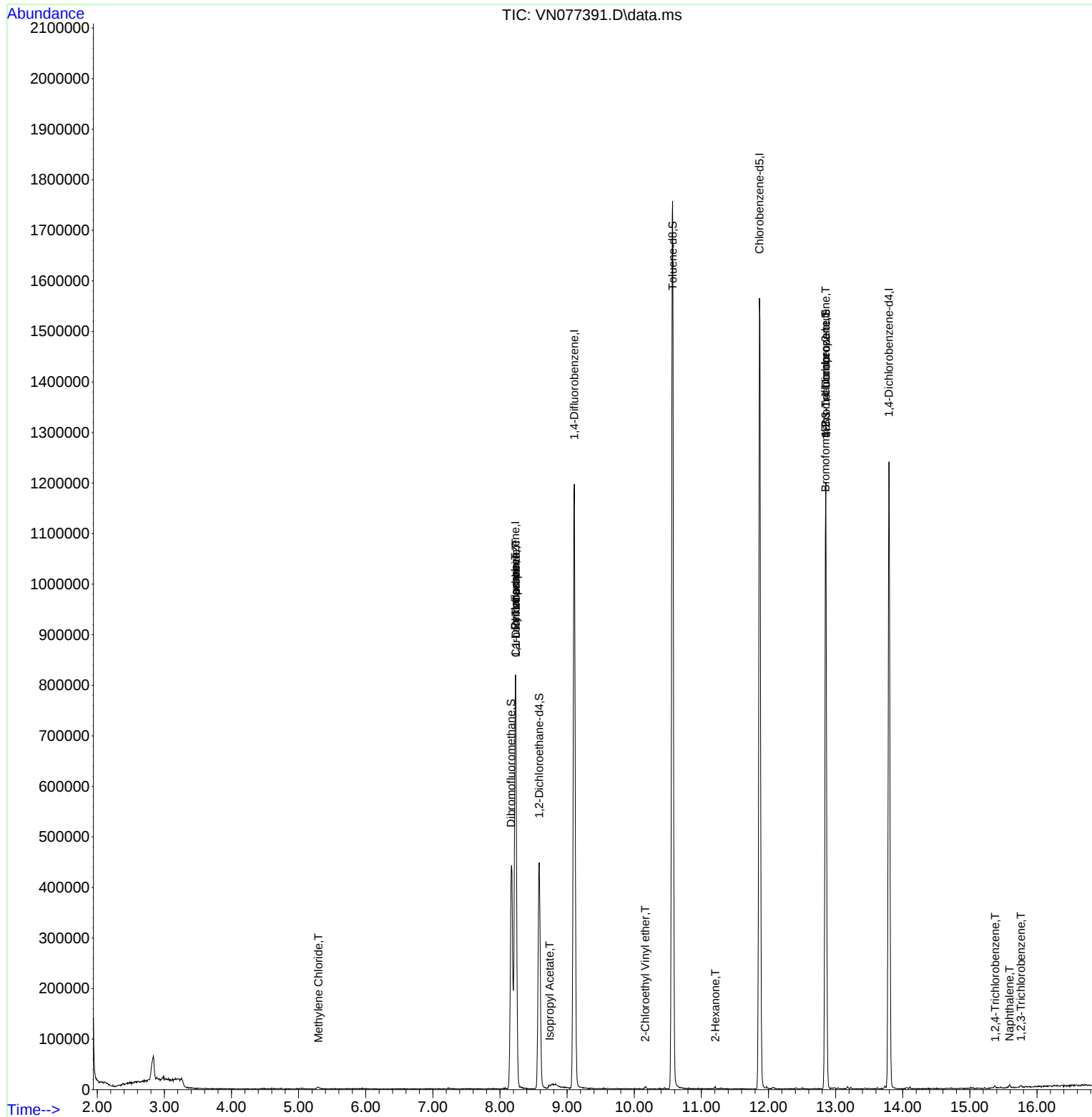
Internal Standards						
1) Pentafluorobenzene	8.231	168	588712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1092776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	946850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	338042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	358199	44.518	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.040%		
35) Dibromofluoromethane	8.166	113	327385	46.799	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.600%		
50) Toluene-d8	10.572	98	1301411	46.212	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.420%		
62) 4-Bromofluorobenzene	12.854	95	413582	44.156	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.320%		
Target Compounds						Qvalue
20) Methylene Chloride	5.295	84	2173	0.259	ug/l #	74
31) Cyclohexane	8.231	56	12994	1.039	ug/l #	1
36) 1,1-Dichloropropene	8.236	75	50191	4.851	ug/l #	50
38) Carbon Tetrachloride	8.236	117	61858	5.835	ug/l #	15
43) Isopropyl Acetate	8.742	43	4890	0.286	ug/l #	52
58) 2-Chloroethyl Vinyl ether	10.166	63	2097	0.545	ug/l #	85
59) 2-Hexanone	11.207	43	2411	0.328	ug/l	93
71) Bromoform	12.848	173	1838	0.331	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	226682	28.160	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	226682	63.370	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.377	180	1252	0.281	ug/l	90
95) Naphthalene	15.589	128	5173	0.309	ug/l	98
96) 1,2,3-Trichlorobenzene	15.759	180	1271	0.298	ug/l	96

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

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Quant Time: Apr 21 02:38:07 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

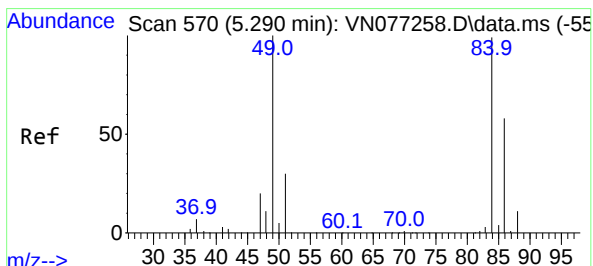
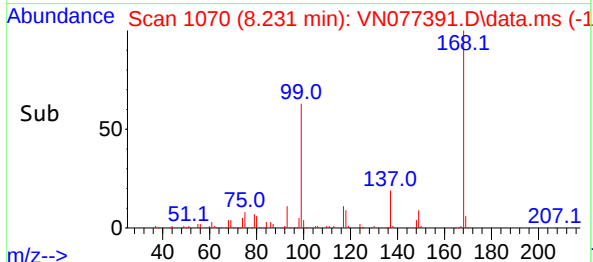
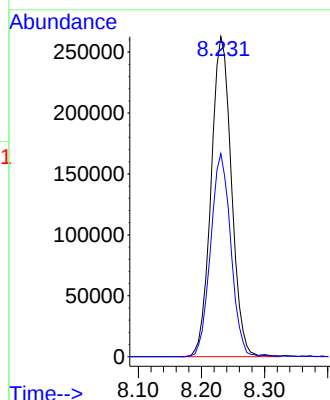
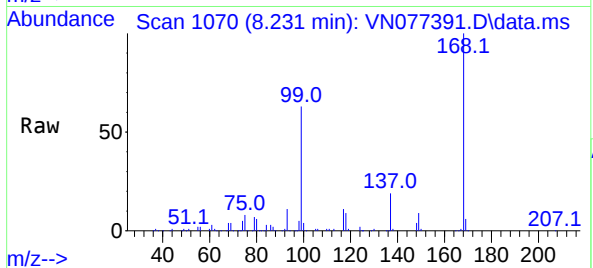




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

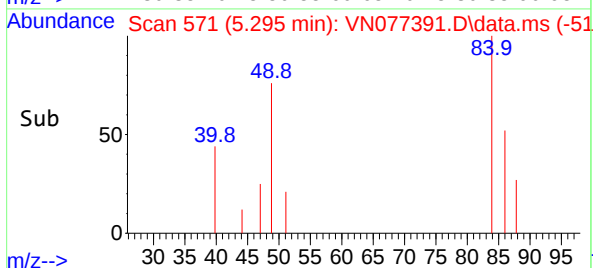
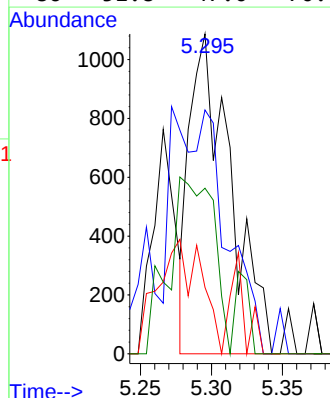
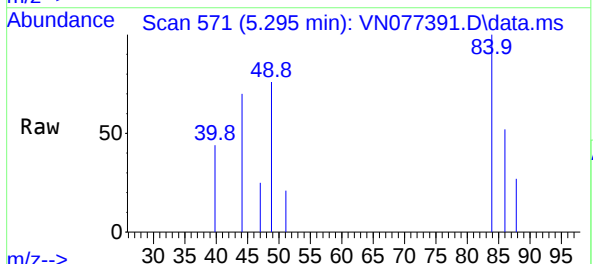
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBL01

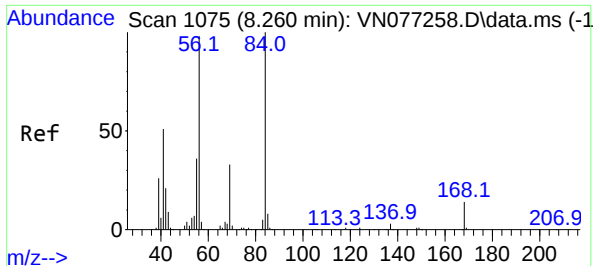
Tgt Ion:168 Resp: 588712
Ion Ratio Lower Upper
168 100
99 63.5 50.6 75.8



#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

Tgt Ion: 84 Resp: 2173
Ion Ratio Lower Upper
84 100
49 62.1 80.6 121.0#
51 20.8 24.4 36.6#
86 51.8 47.0 70.6





#31

Cyclohexane

Concen: 1.039 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.029 min

Lab File: VN077391.D

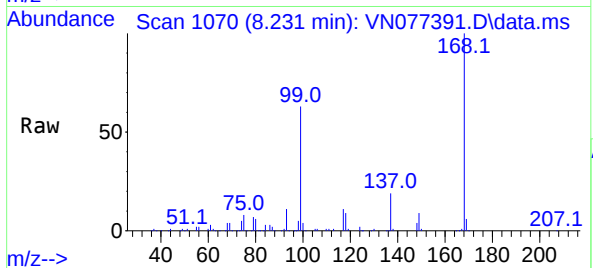
Acq: 20 Apr 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBL01



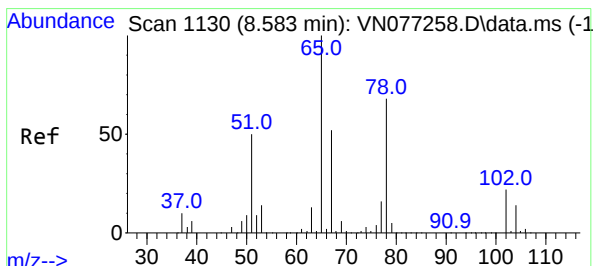
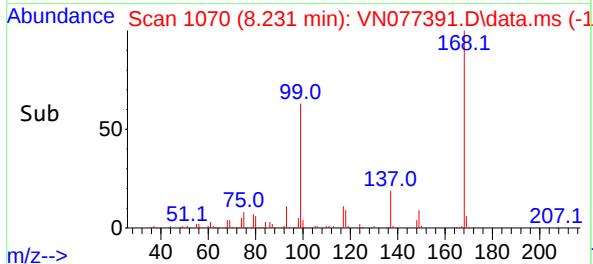
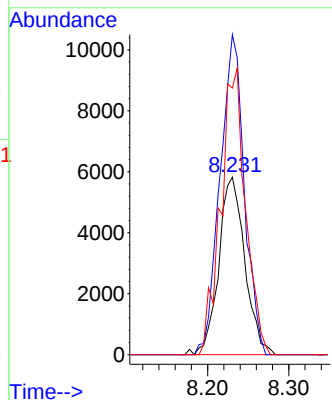
Tgt Ion: 56 Resp: 12994

Ion Ratio Lower Upper

56 100

69 180.3 26.6 40.0#

84 150.2 81.8 122.8#



#33

1,2-Dichloroethane-d4

Concen: 44.518 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077391.D

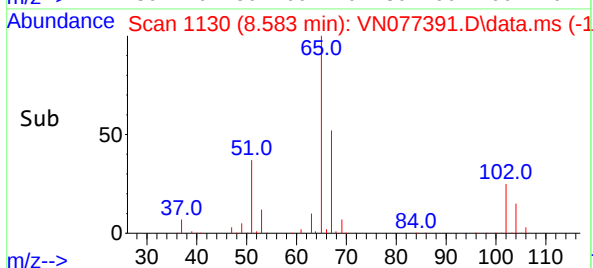
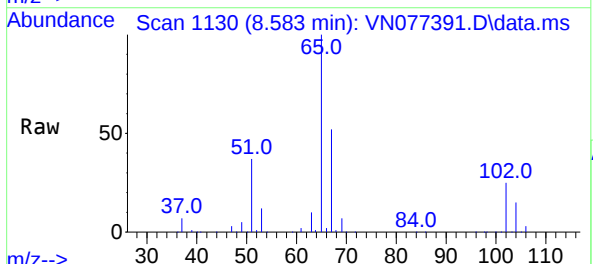
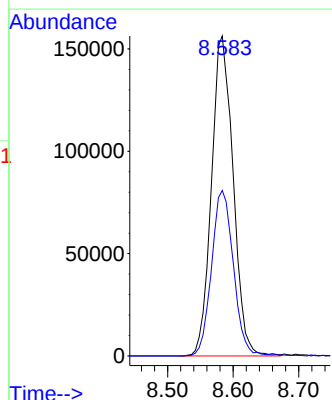
Acq: 20 Apr 2023 11:20

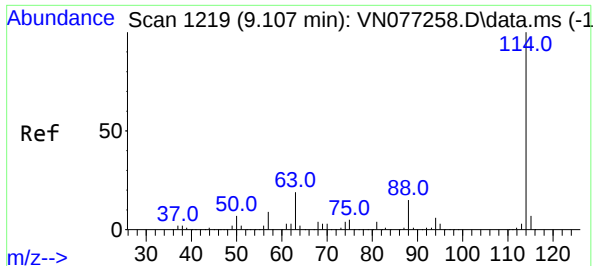
Tgt Ion: 65 Resp: 358199

Ion Ratio Lower Upper

65 100

67 52.3 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: VN077391.D

Acq: 20 Apr 2023 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBL01

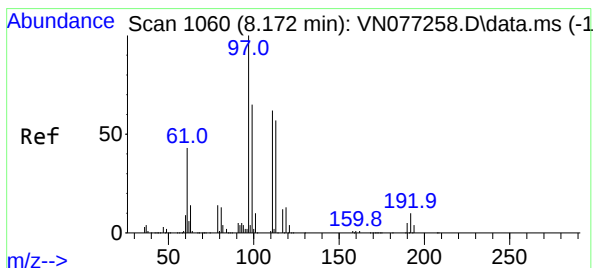
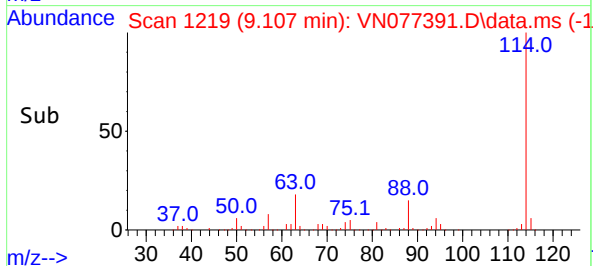
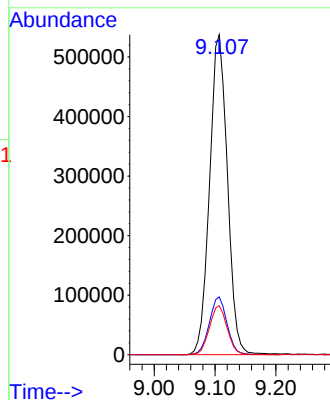
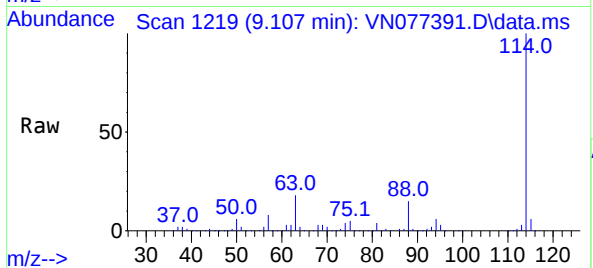
Tgt Ion:114 Resp: 1092776

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.8

88 15.3 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.799 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN077391.D

Acq: 20 Apr 2023 11:20

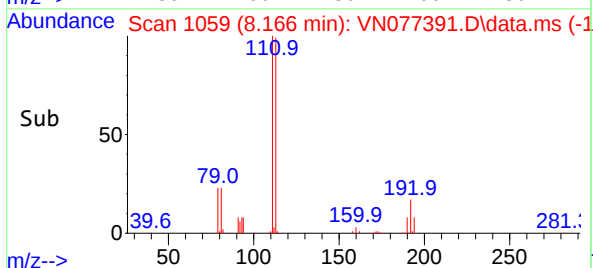
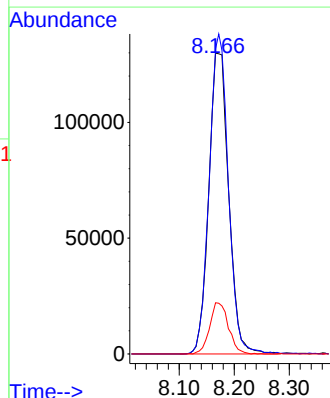
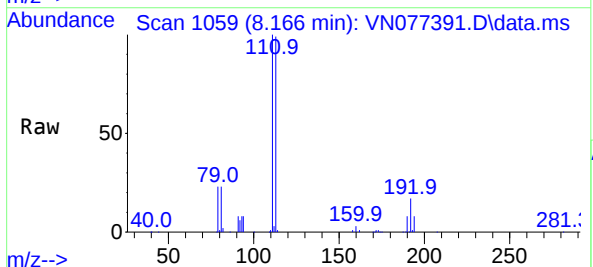
Tgt Ion:113 Resp: 327385

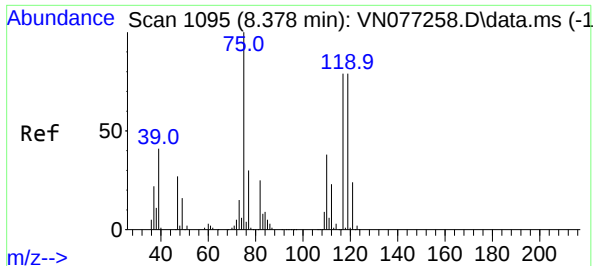
Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.0

192 16.0 13.5 20.3

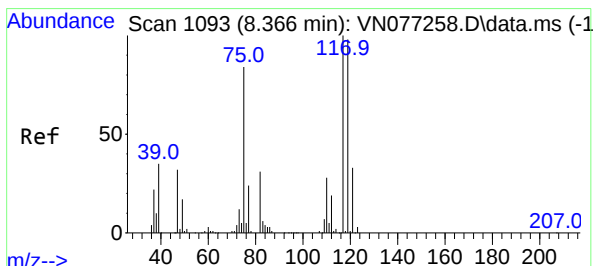
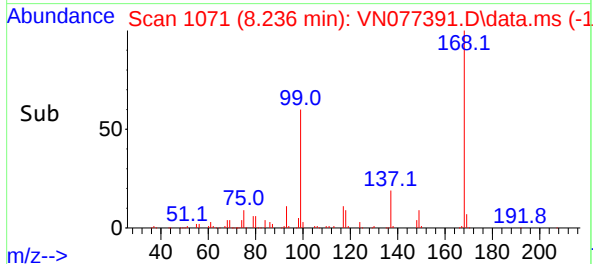
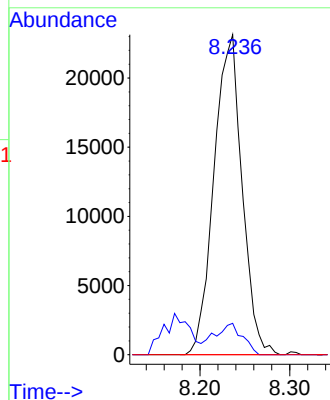
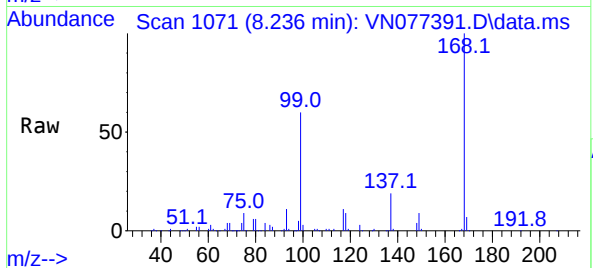




#36
1,1-Dichloropropene
Concen: 4.851 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.142 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

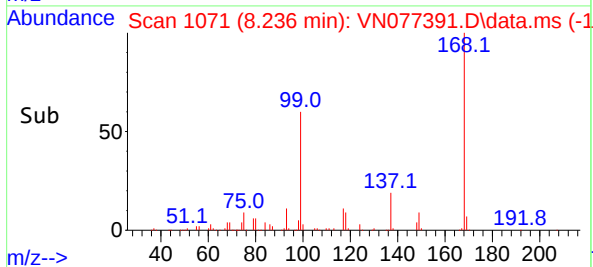
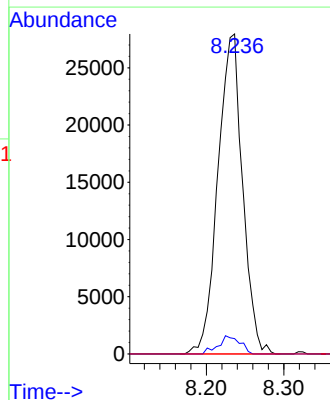
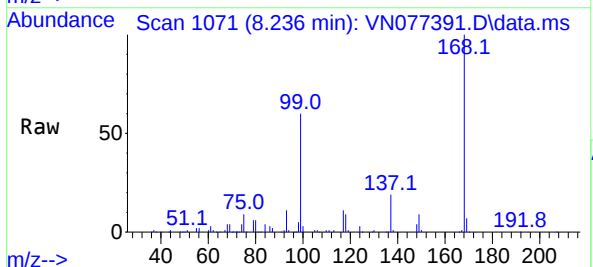
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBL01

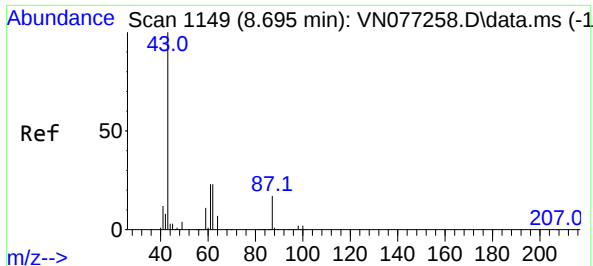
Tgt Ion: 75 Resp: 50191
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.835 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.130 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

Tgt Ion: 117 Resp: 61858
Ion Ratio Lower Upper
117 100
119 4.8 78.5 117.7#
121 0.0 26.6 40.0#

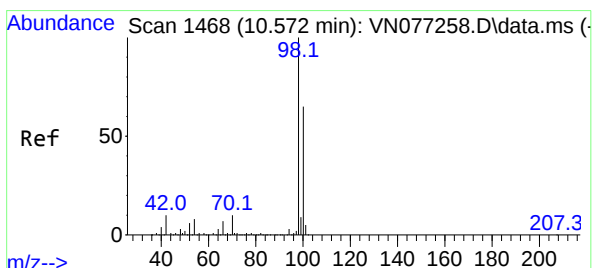
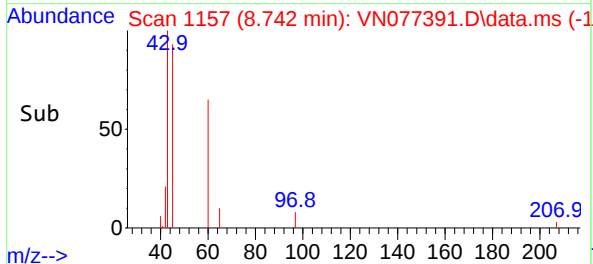
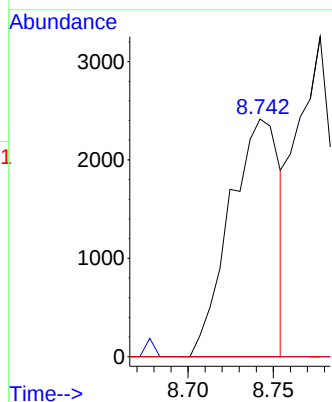
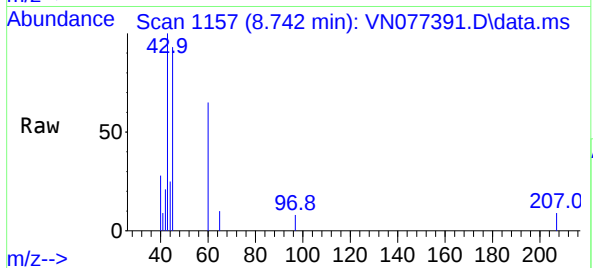




#43
Isopropyl Acetate
Concen: 0.286 ug/l
RT: 8.742 min Scan# 1149
Delta R.T. 0.047 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

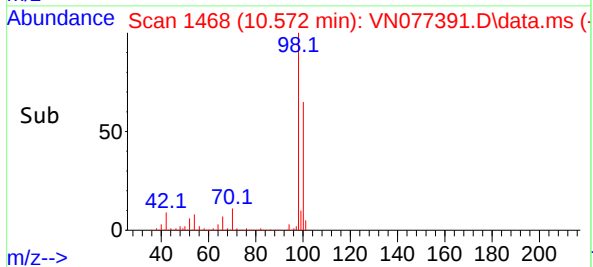
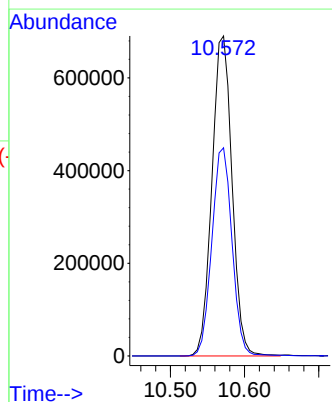
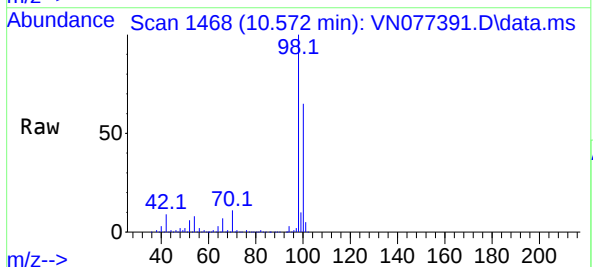
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBL01

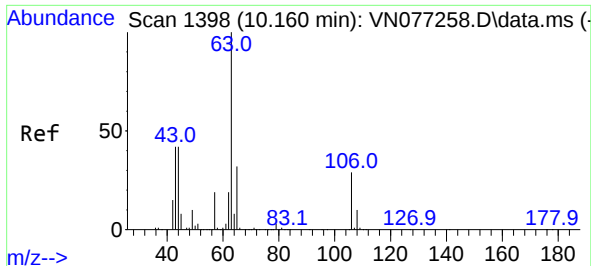
Tgt Ion: 43 Resp: 4890
Ion Ratio Lower Upper
43 100
61 0.0 22.7 34.1#
87 0.0 13.6 20.4#



#50
Toluene-d8
Concen: 46.212 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

Tgt Ion: 98 Resp: 1301411
Ion Ratio Lower Upper
98 100
100 65.3 51.3 76.9

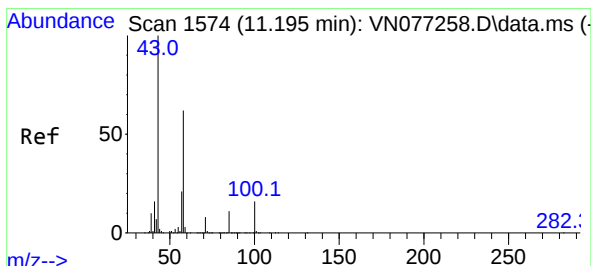
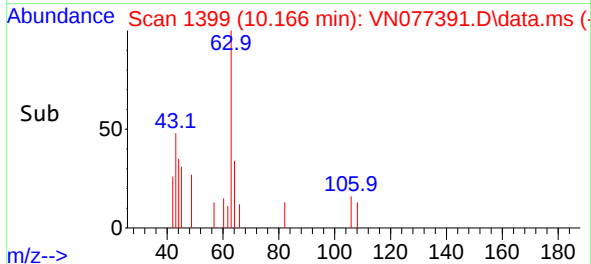
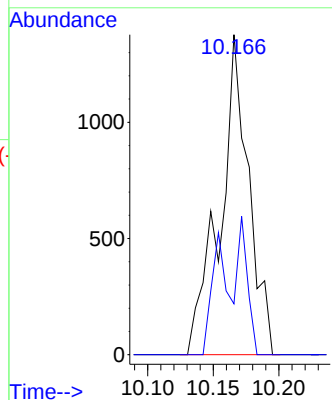
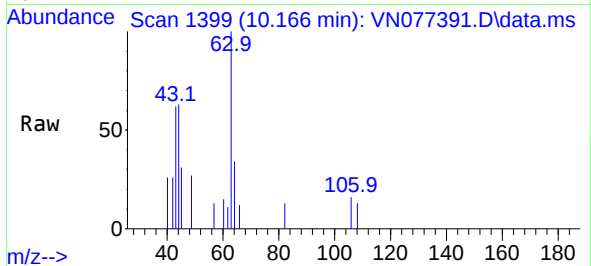




#58
2-Chloroethyl Vinyl ether
Concen: 0.545 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

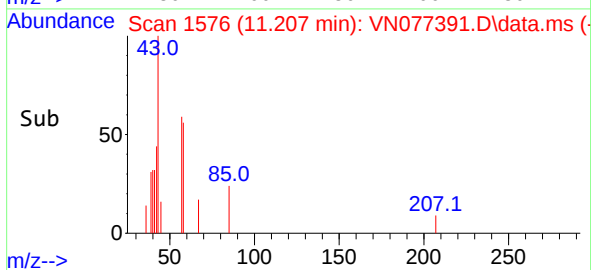
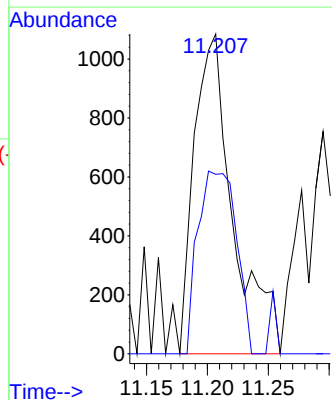
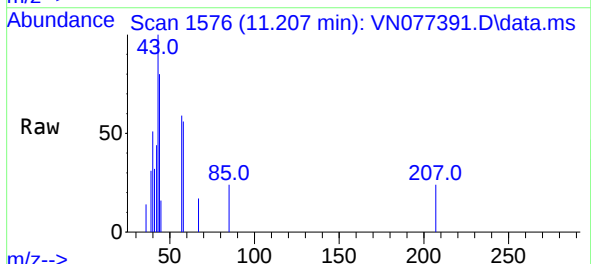
Instrument :
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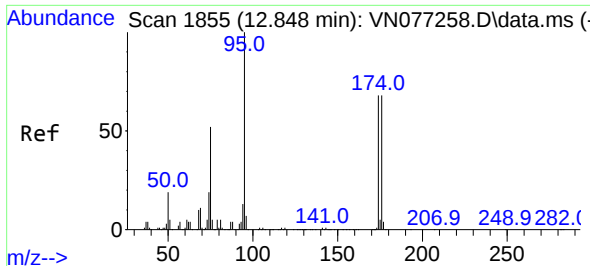
Tgt Ion: 63 Resp: 2097
Ion Ratio Lower Upper
63 100
106 21.7 24.1 36.1#



#59
2-Hexanone
Concen: 0.328 ug/l
RT: 11.207 min Scan# 1576
Delta R.T. 0.012 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

Tgt Ion: 43 Resp: 2411
Ion Ratio Lower Upper
43 100
58 56.6 30.9 92.5



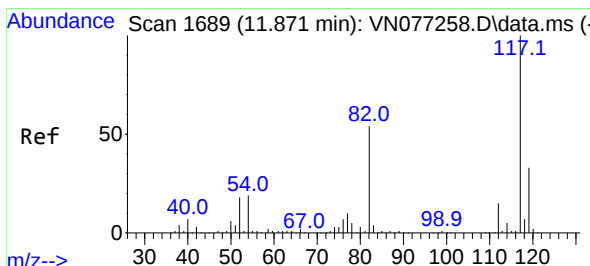
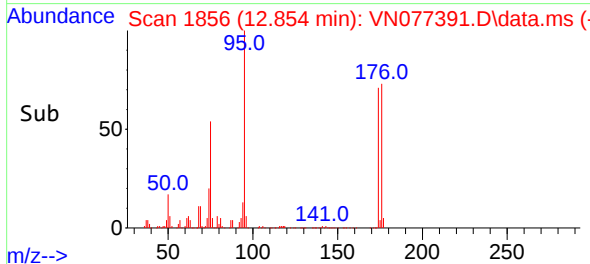
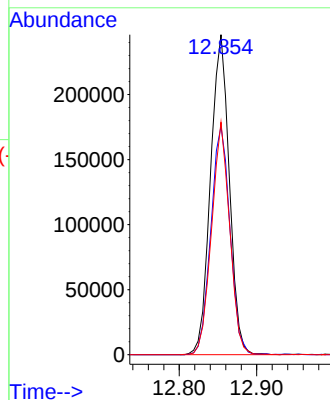
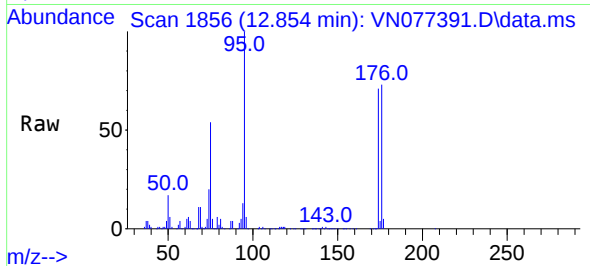


#62
4-Bromofluorobenzene
Concen: 44.156 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBL01

Tgt Ion: 95 Resp: 413582

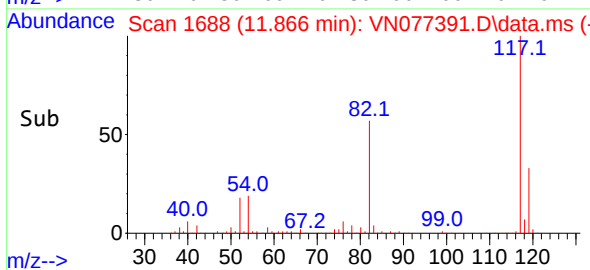
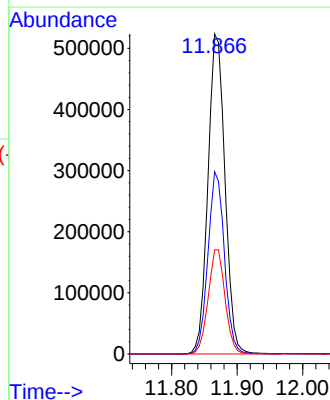
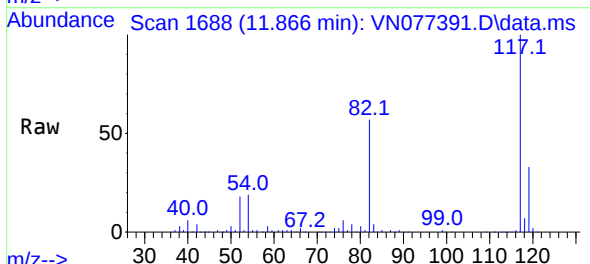
Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	146.8
176	70.1	0.0	139.6

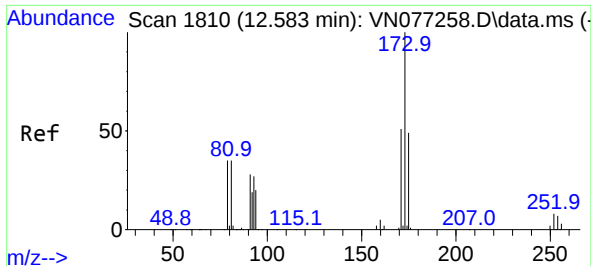


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

Tgt Ion: 117 Resp: 946850

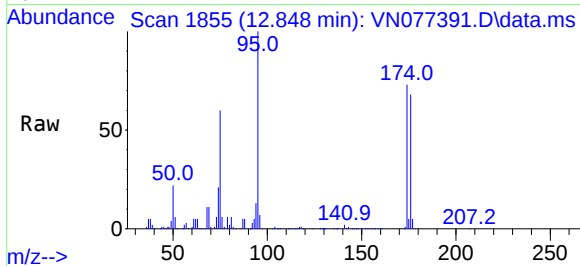
Ion	Ratio	Lower	Upper
117	100		
82	56.9	42.9	64.3
119	32.5	26.2	39.4



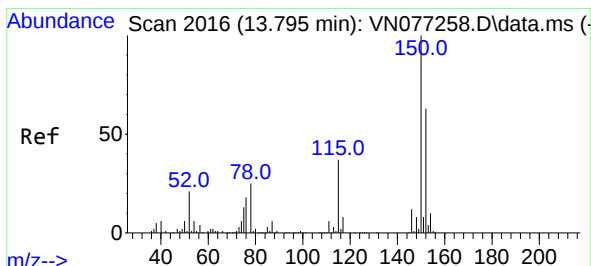
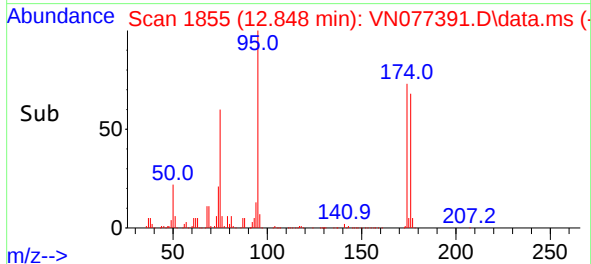
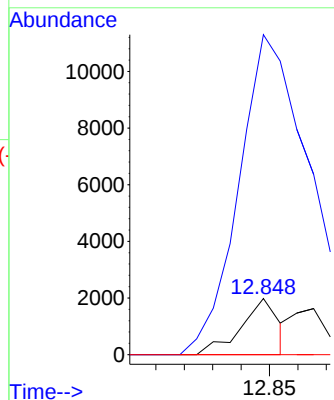


#71
Bromoform
Concen: 0.331 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.265 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBL01

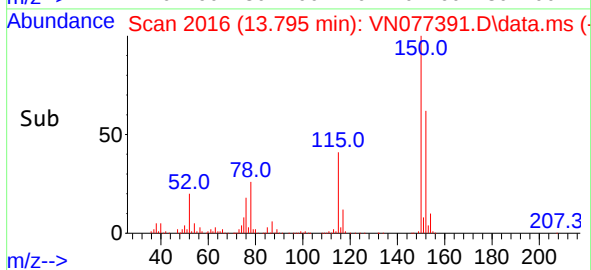
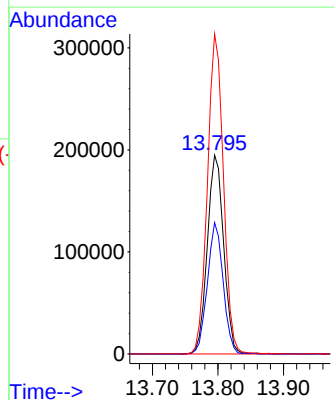
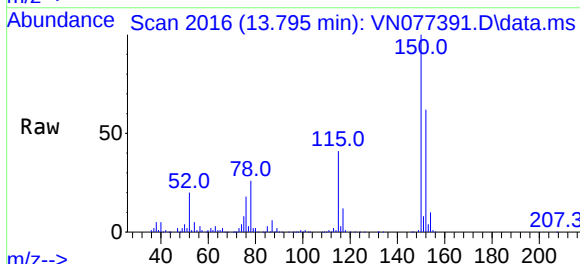


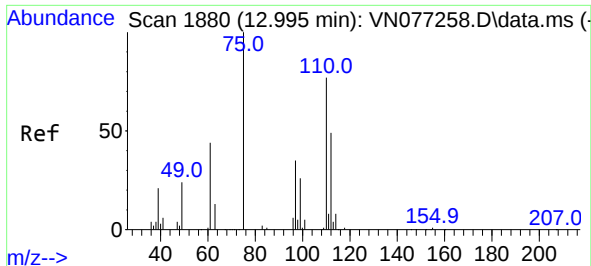
Tgt Ion:173 Resp: 1838
Ion Ratio Lower Upper
173 100
175 839.4 24.1 72.4#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

Tgt Ion:152 Resp: 338042
Ion Ratio Lower Upper
152 100
115 63.9 32.1 96.3
150 157.3 0.0 354.8

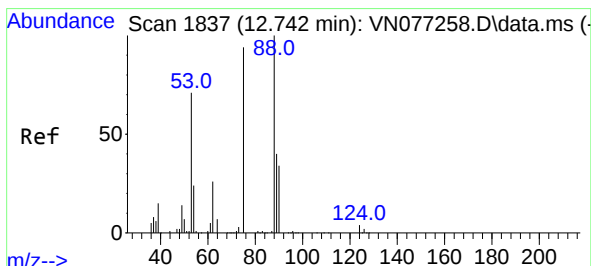
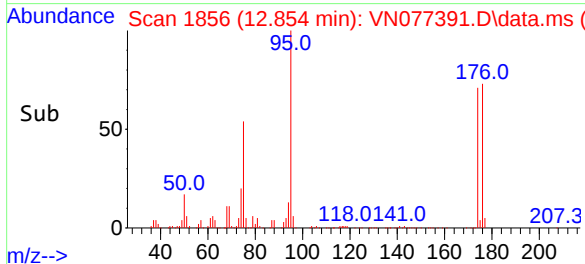
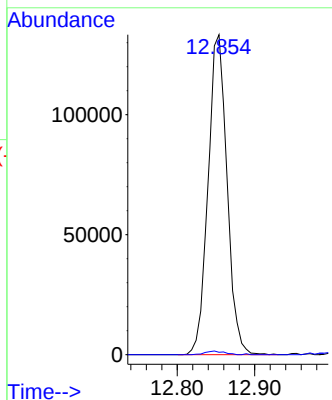
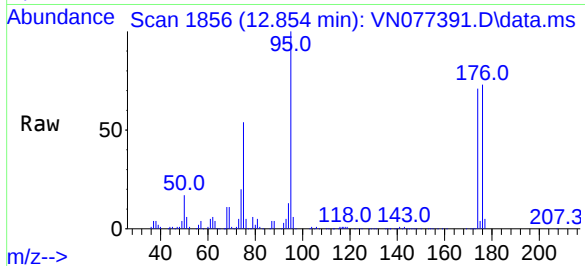




#76
1,2,3-Trichloropropane
Concen: 28.160 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

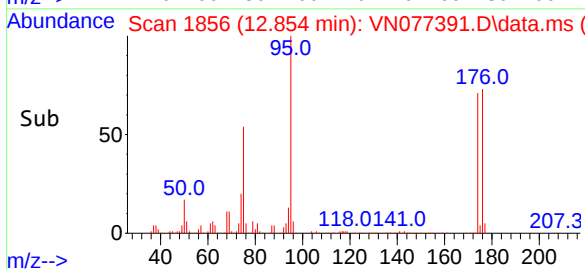
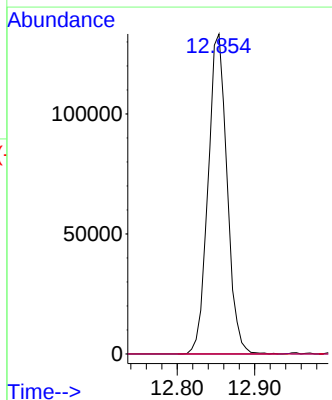
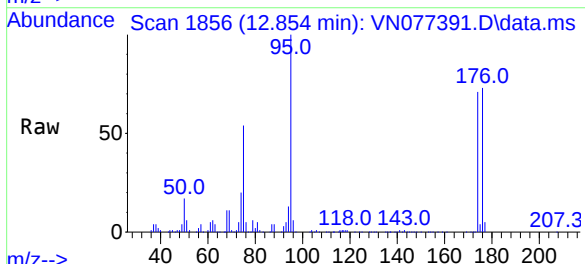
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBL01

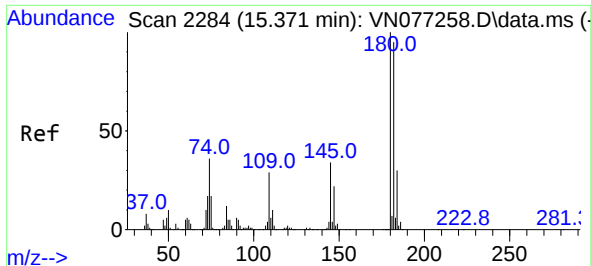
Tgt Ion: 75 Resp: 226682
Ion Ratio Lower Upper
75 100
77 1.1 88.3 264.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.370 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

Tgt Ion: 75 Resp: 226682
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 37.4 56.2#

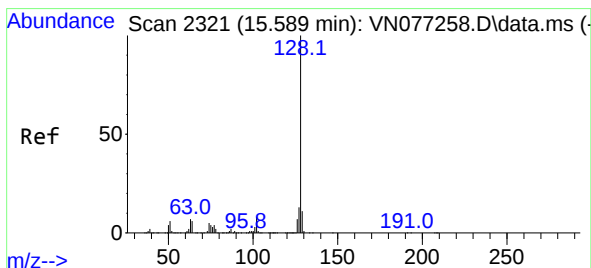
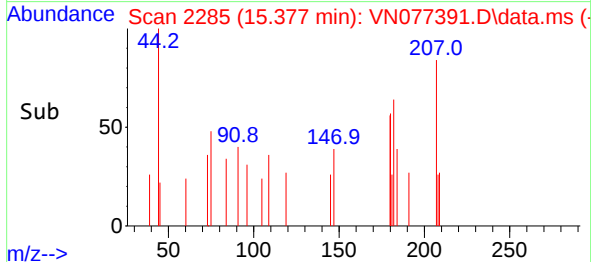
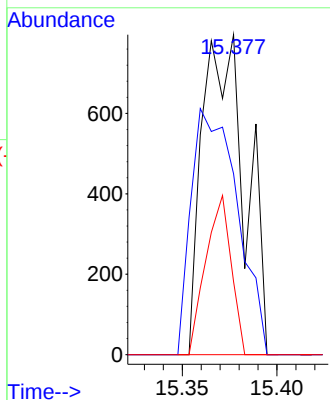
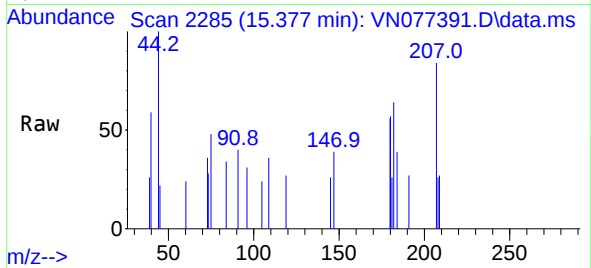




#93
1,2,4-Trichlorobenzene
Concen: 0.281 ug/l
RT: 15.377 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

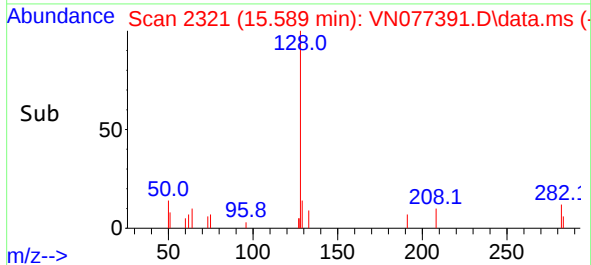
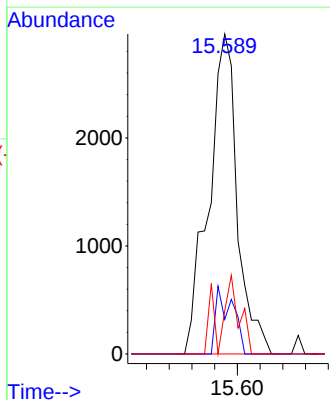
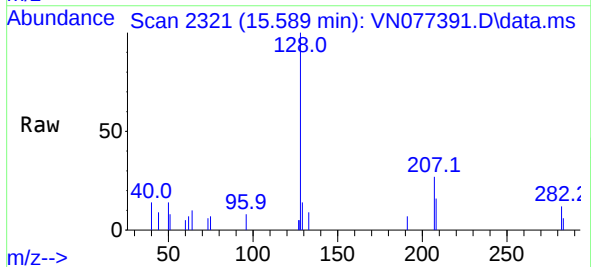
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBL01

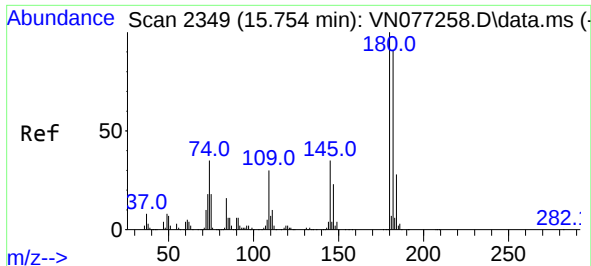
Tgt Ion:180	Resp:	1252
Ion	Ratio	Lower Upper
180	100	
182	83.1	46.7 140.0
145	29.6	16.6 49.8



#95
Naphthalene
Concen: 0.309 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077391.D
Acq: 20 Apr 2023 11:20

Tgt Ion:128	Resp:	5173
Ion	Ratio	Lower Upper
128	100	
127	12.2	10.2 15.4
129	12.2	8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.298 ug/l
 RT: 15.759 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VN077391.D
 Acq: 20 Apr 2023 11:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBL01

Tgt Ion:	180	Resp:	1271
Ion	Ratio	Lower	Upper
180	100		
182	98.9	46.9	140.8
145	35.7	17.6	52.8

