

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075978.D
 Acq On : 27 Dec 2022 10:59
 Operator : JC\MD
 Sample : VN1227WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227WBL01

Quant Time: Dec 28 04:43:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

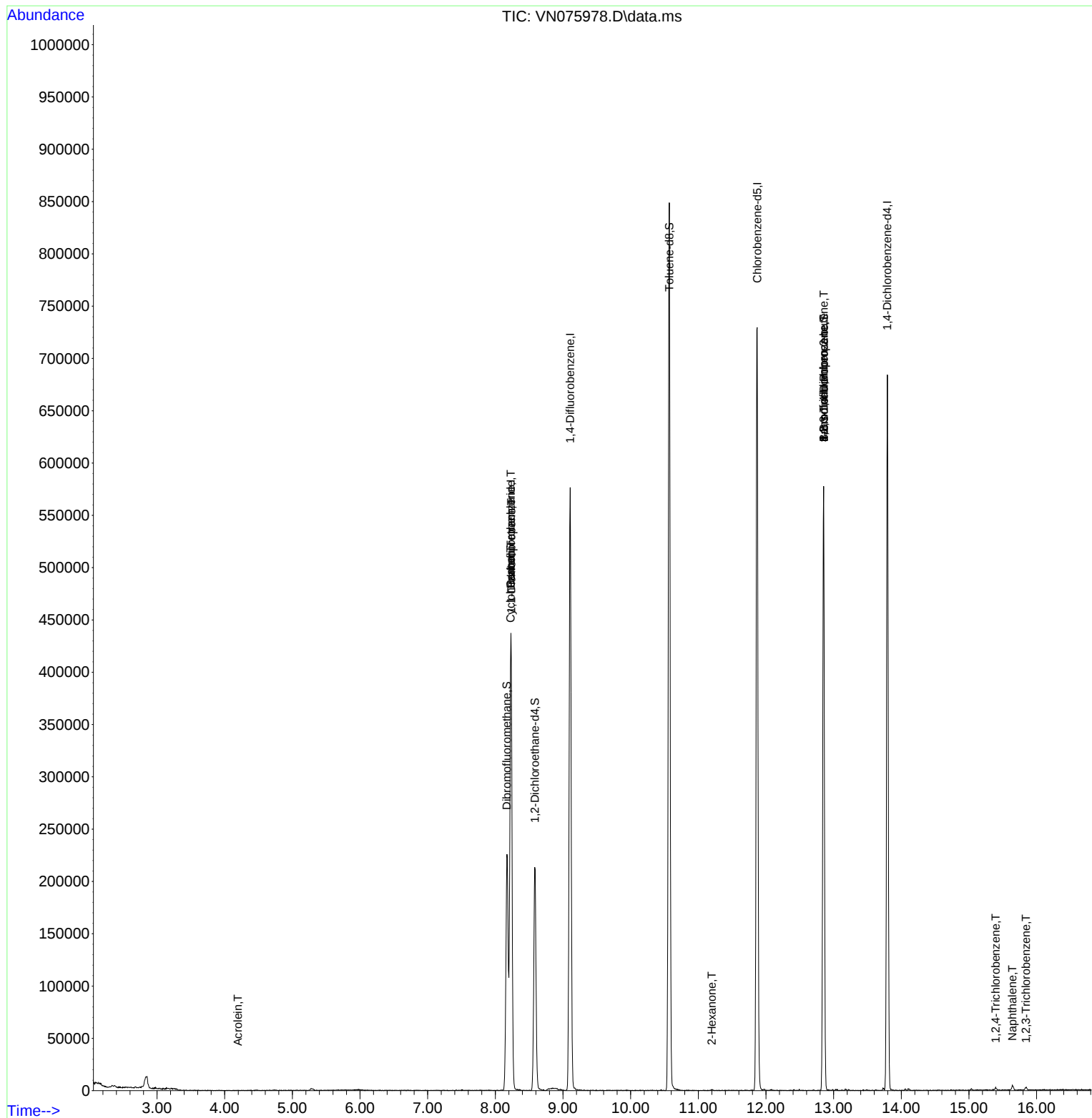
Internal Standards						
1) Pentafluorobenzene	8.230	168	343642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	537903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	463695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	174018	46.547	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.100%		
35) Dibromofluoromethane	8.171	113	161712	48.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.100%		
50) Toluene-d8	10.571	98	612354	49.166	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.340%		
62) 4-Bromofluorobenzene	12.853	95	192511	46.667	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.340%		
Target Compounds						
13) Acrolein	4.195	56	138	0.213	ug/l #	16
20) Methylene Chloride	5.283	84	1445	Below Cal	#	79
31) Cyclohexane	8.224	56	6689	1.249	ug/l #	6
36) 1,1-Dichloropropene	8.235	75	24728	5.588	ug/l #	50
38) Carbon Tetrachloride	8.230	117	34051	6.875	ug/l #	16
59) 2-Hexanone	11.200	43	848	0.328	ug/l	92
71) Bromoform	12.853	173	1032	0.402	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	95708	24.477	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	95708	88.106	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	1353	0.423	ug/l	84
95) Naphthalene	15.641	128	5498	2.676	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	1374	0.460	ug/l	86

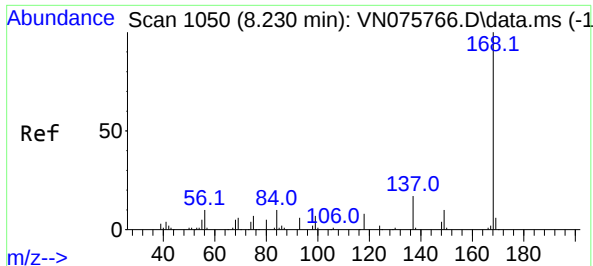
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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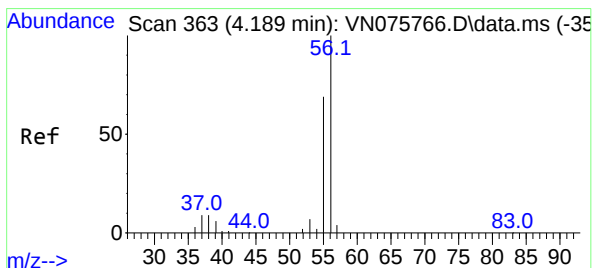
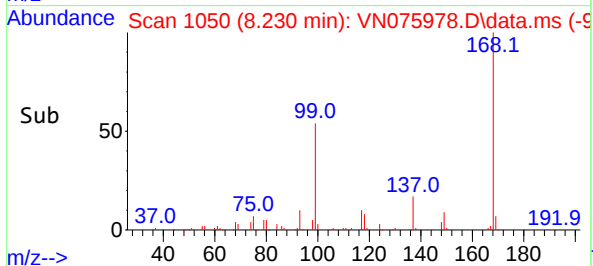
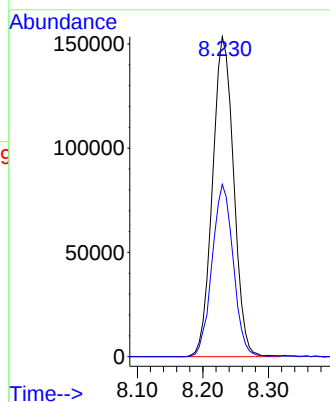
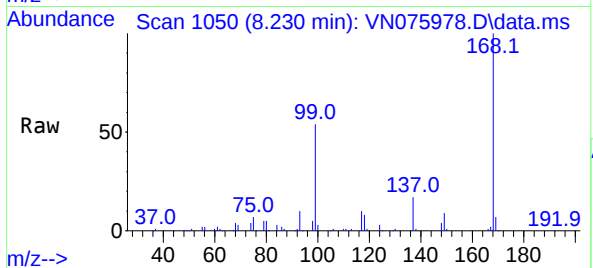




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

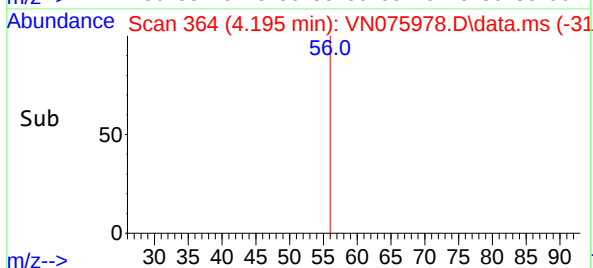
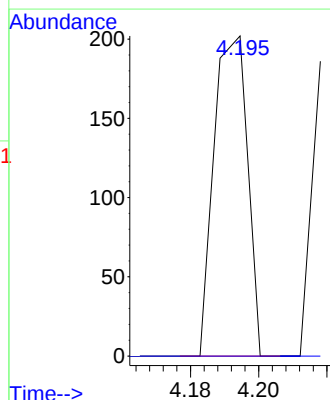
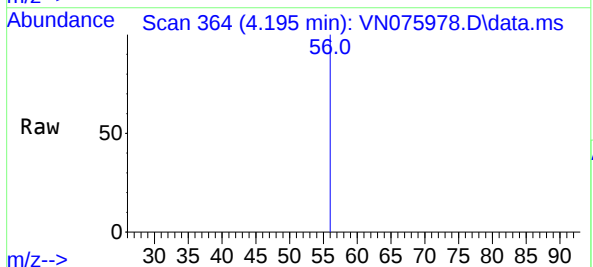
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBL01

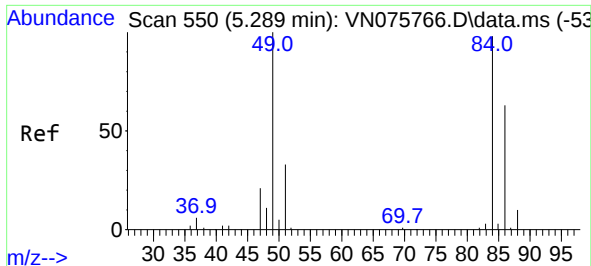
Tgt Ion:168 Resp: 343642
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#13
Acrolein
Concen: 0.213 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

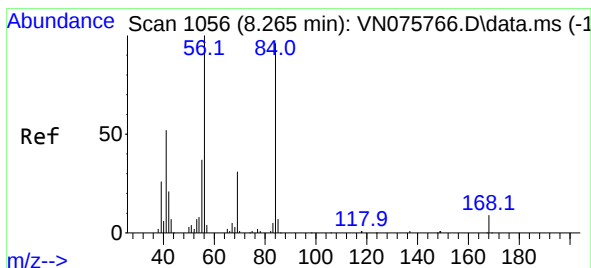
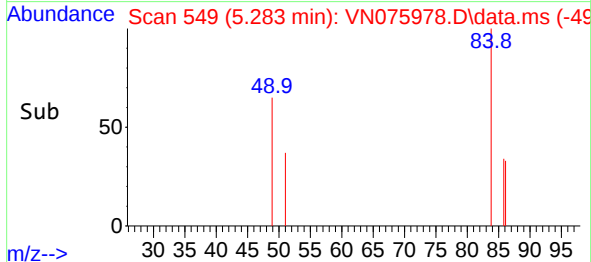
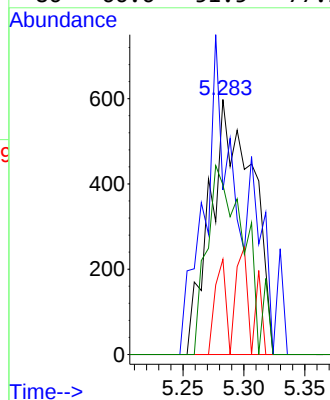
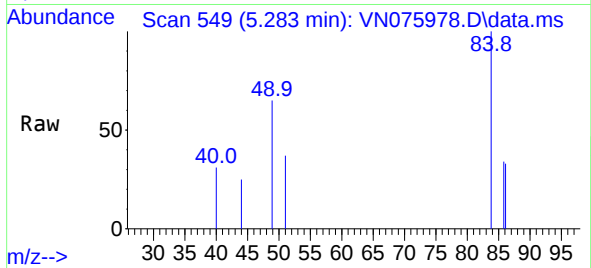




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

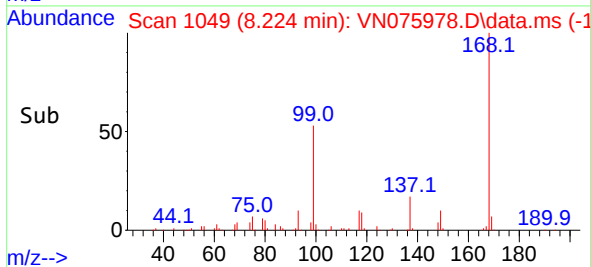
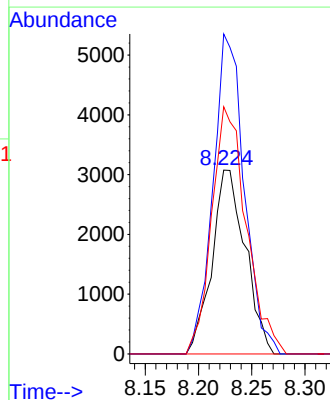
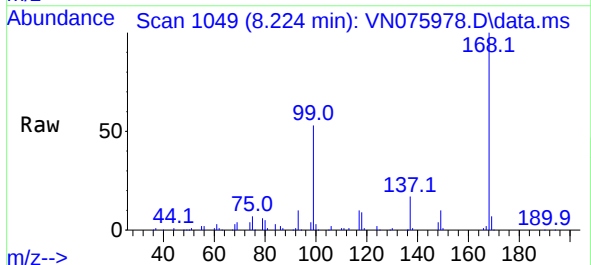
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBL01

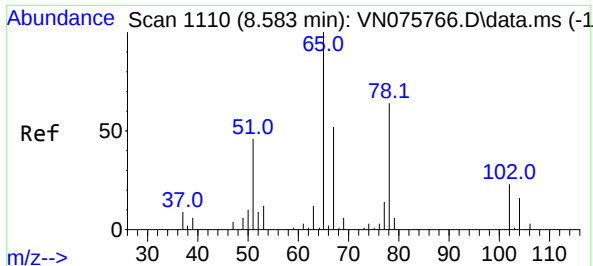
Tgt Ion: 84	Resp: 1445
Ion Ratio	Lower Upper
84 100	
49 64.5	81.8 122.6#
51 37.3	26.7 40.1
86 66.6	51.5 77.3



#31
Cyclohexane
Concen: 1.249 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.041 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

Tgt Ion: 56	Resp: 6689
Ion Ratio	Lower Upper
56 100	
69 174.0	24.7 37.1#
84 134.5	76.5 114.7#

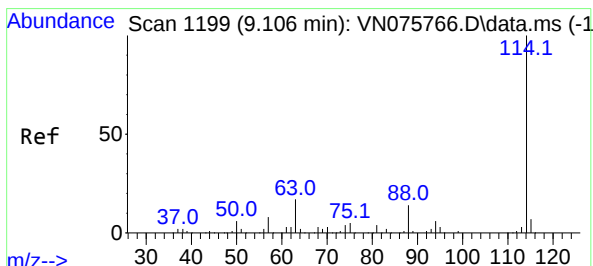
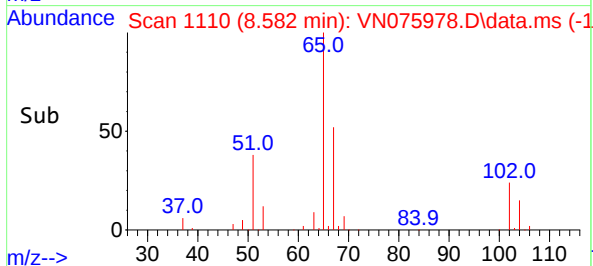
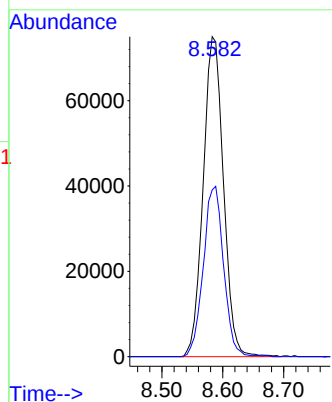
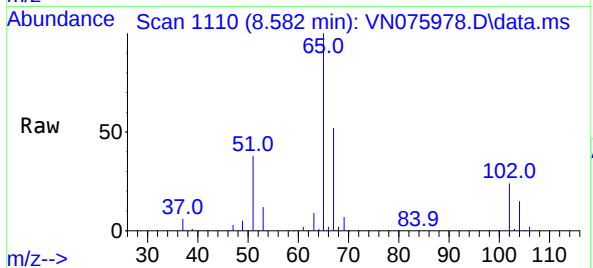




#33
1,2-Dichloroethane-d4
Concen: 46.547 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

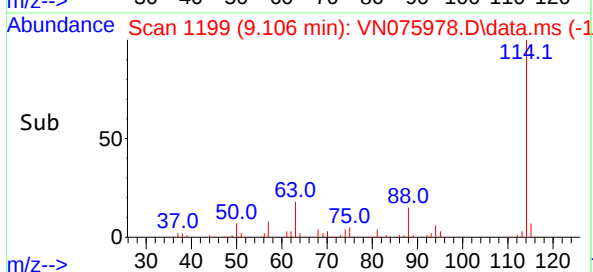
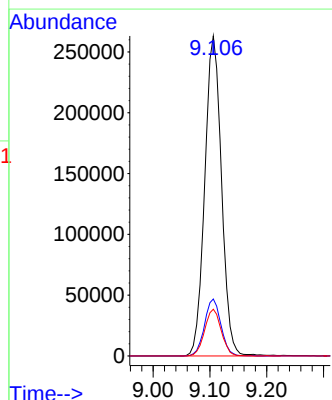
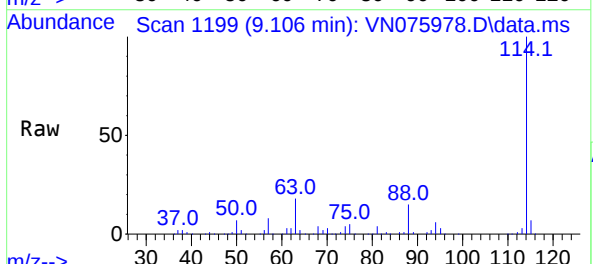
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBL01

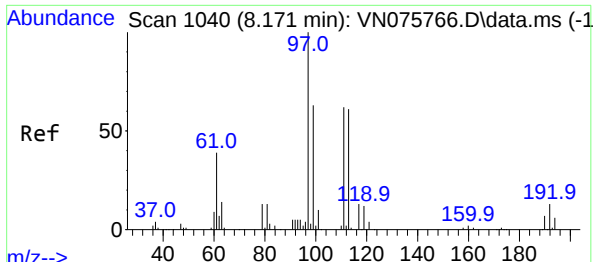
Tgt Ion: 65 Resp: 174018
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

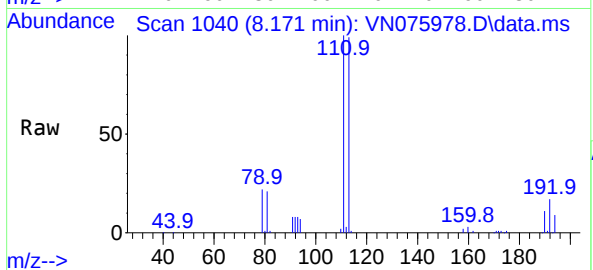
Tgt Ion: 114 Resp: 537903
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.4
88 14.6 0.0 28.8



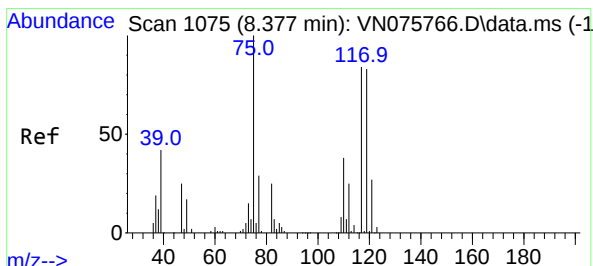
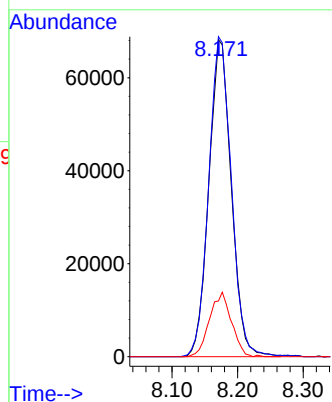
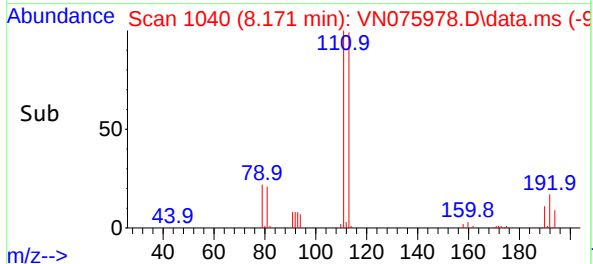


#35
Dibromofluoromethane
Concen: 48.545 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

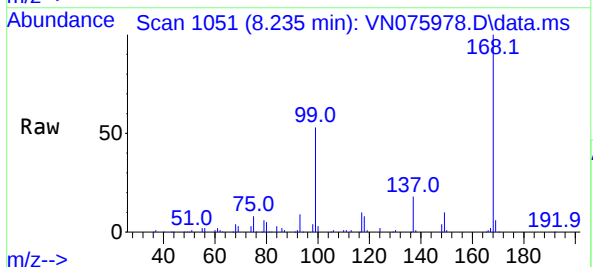
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBL01



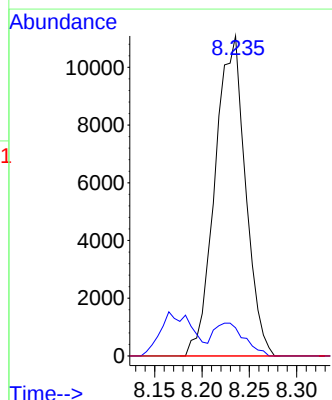
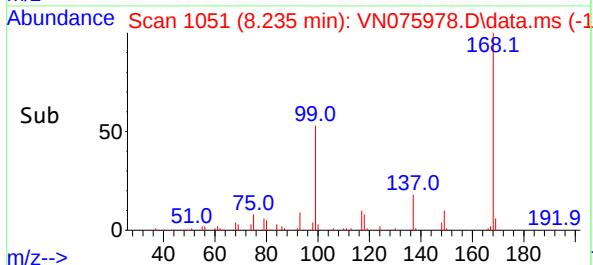
Tgt Ion:113 Resp: 161712
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.2
192 19.9 16.1 24.1

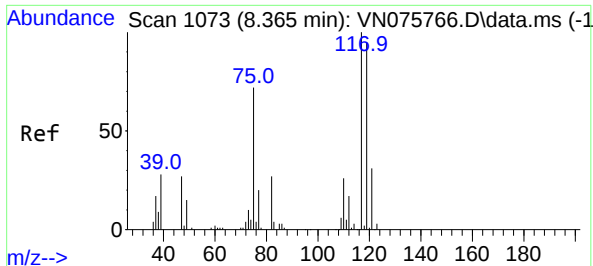


#36
1,1-Dichloropropene
Concen: 5.588 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59



Tgt Ion: 75 Resp: 24728
Ion Ratio Lower Upper
75 100
110 10.2 18.8 56.4#
77 0.0 24.1 36.1#

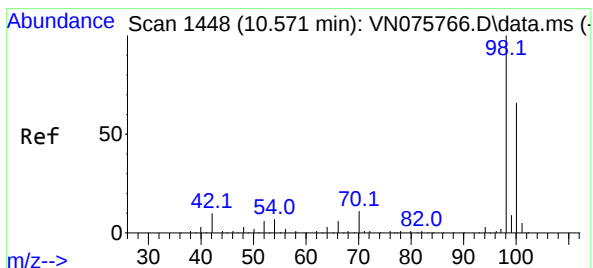
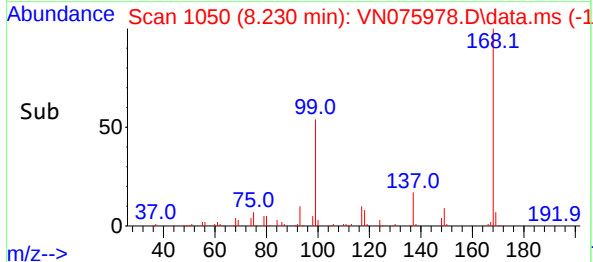
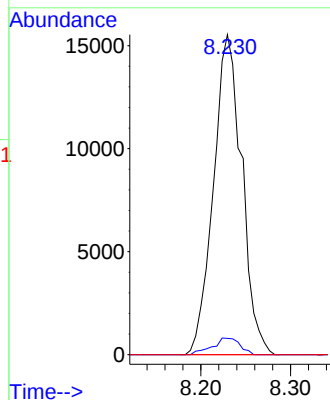
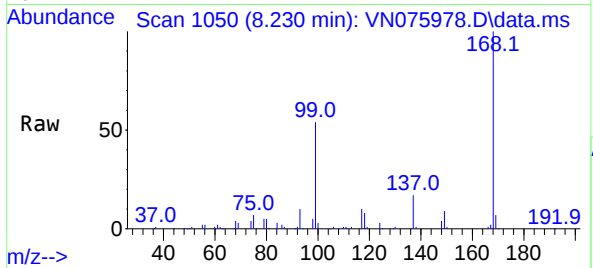




#38
Carbon Tetrachloride
Concen: 6.875 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

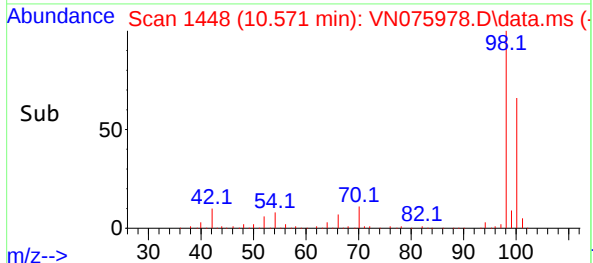
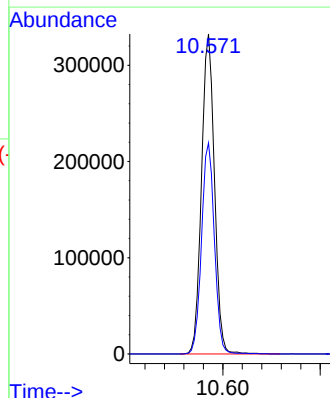
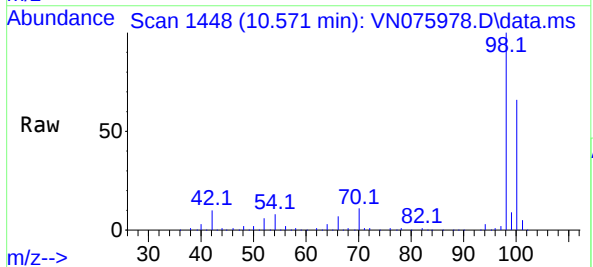
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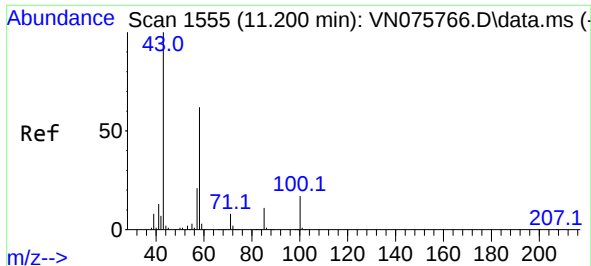
Tgt Ion:117 Resp: 34051
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.166 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

Tgt Ion: 98 Resp: 612354
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1

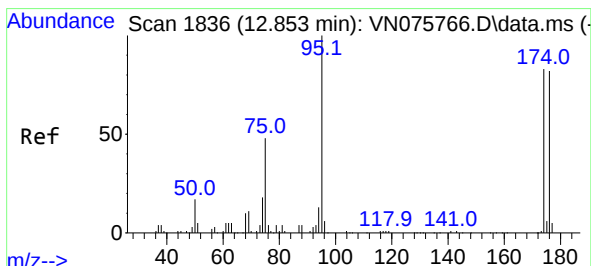
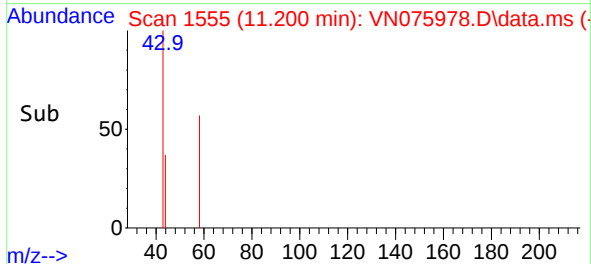
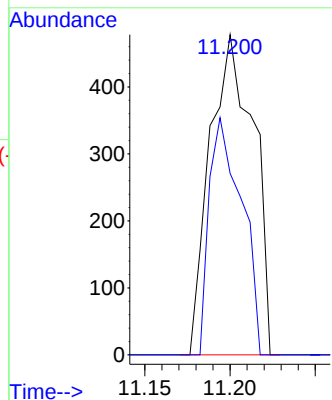
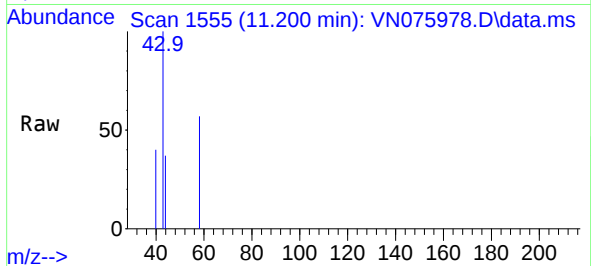




#59
2-Hexanone
Concen: 0.328 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

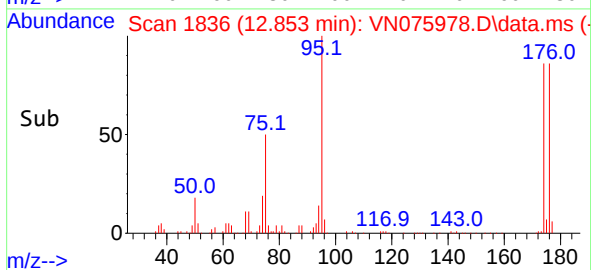
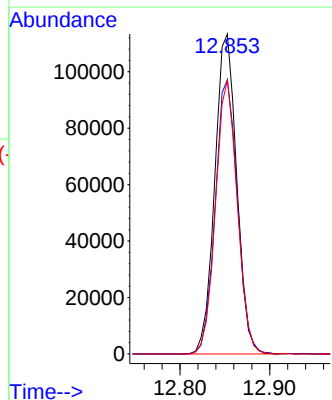
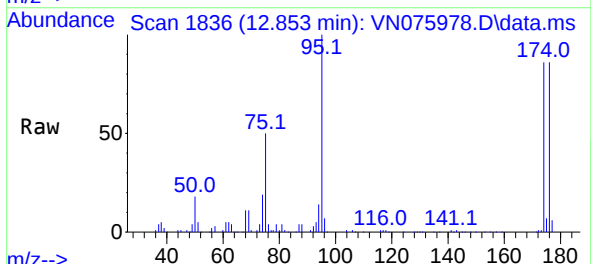
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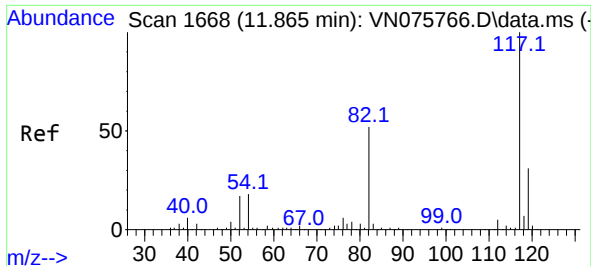
Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
58 55.2 30.6 92.0



#62
4-Bromofluorobenzene
Concen: 46.667 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

Tgt Ion: 95 Resp: 192511
Ion Ratio Lower Upper
95 100
174 86.7 0.0 171.6
176 84.3 0.0 169.2

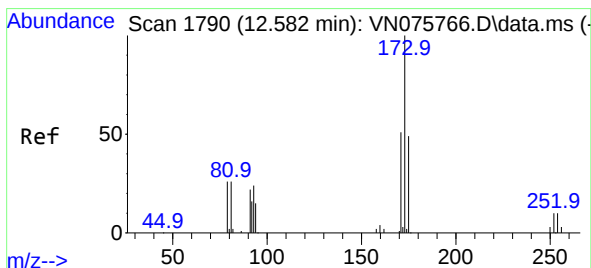
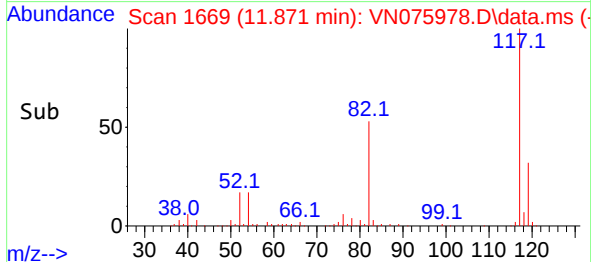
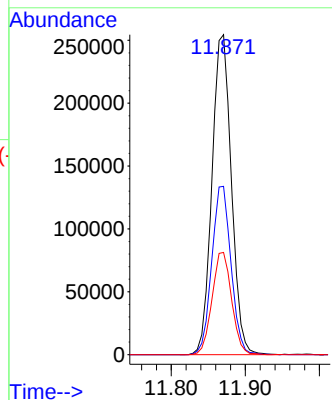
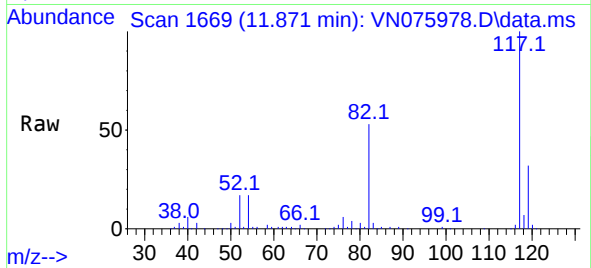




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

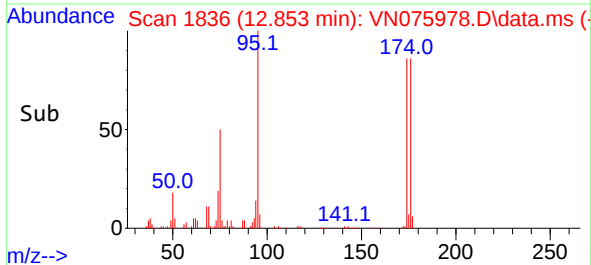
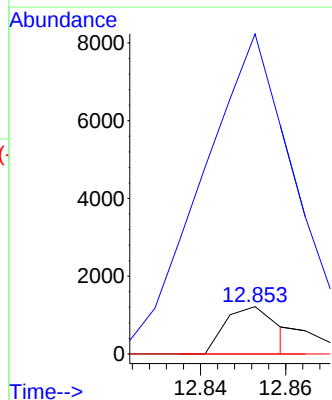
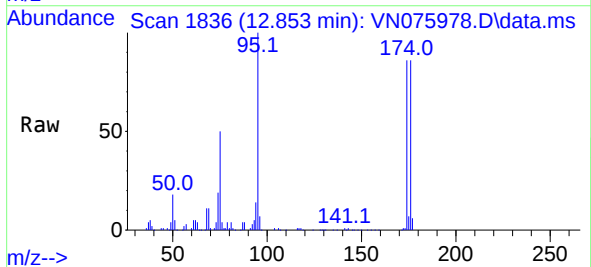
Instrument :
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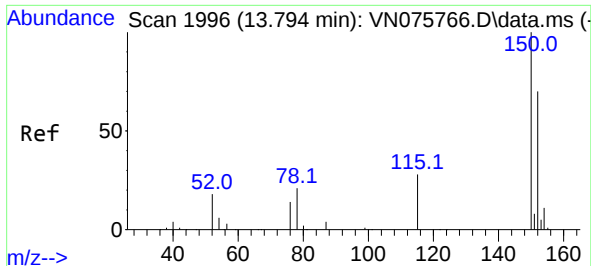
Tgt Ion:117 Resp: 463695
Ion Ratio Lower Upper
117 100
82 52.6 41.3 61.9
119 31.9 24.6 37.0



#71
Bromoform
Concen: 0.402 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

Tgt Ion:173 Resp: 1032
Ion Ratio Lower Upper
173 100
175 1024.3 24.3 72.8#
254 0.0 0.0 0.0

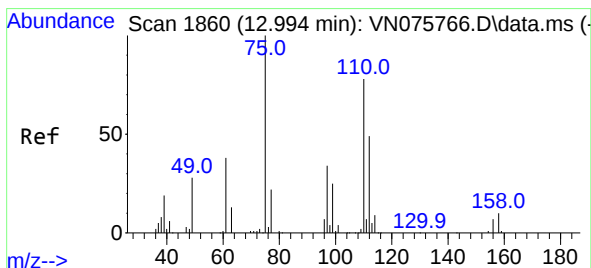
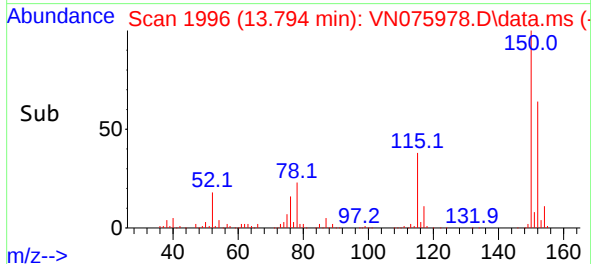
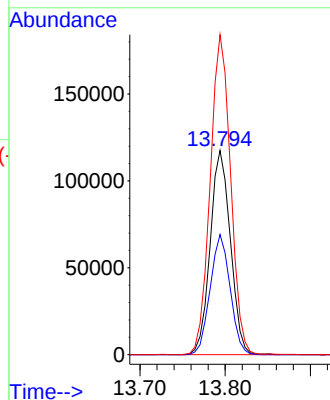
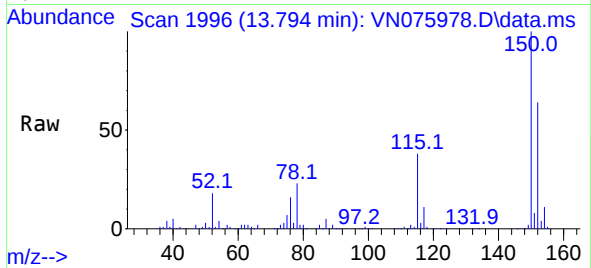




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

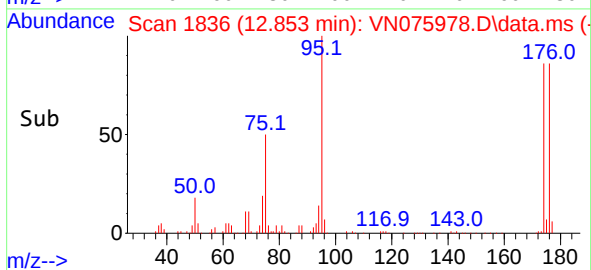
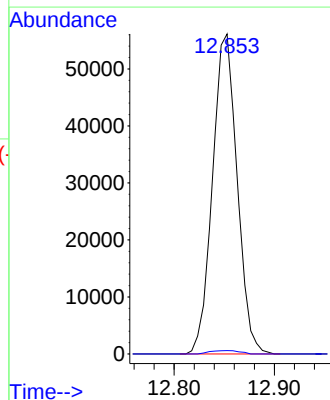
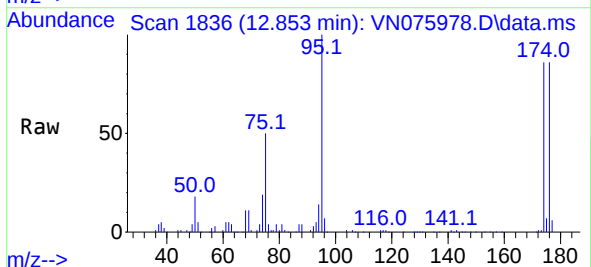
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBL01

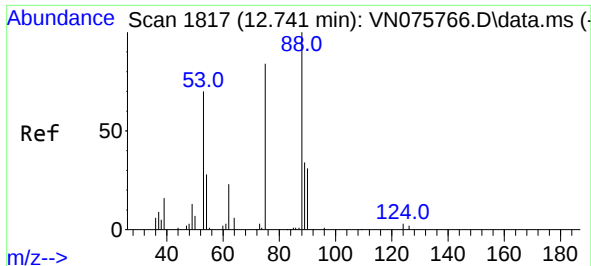
Tgt Ion:152 Resp: 193976
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 158.0 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 24.477 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

Tgt Ion: 75 Resp: 95708
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

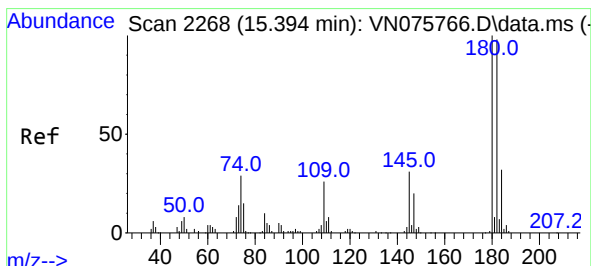
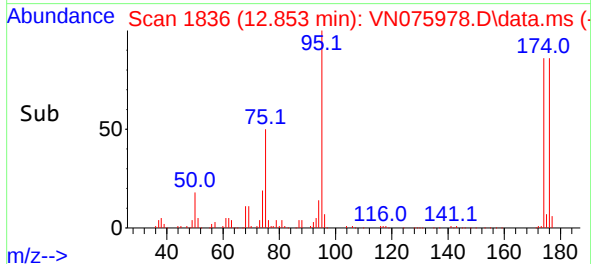
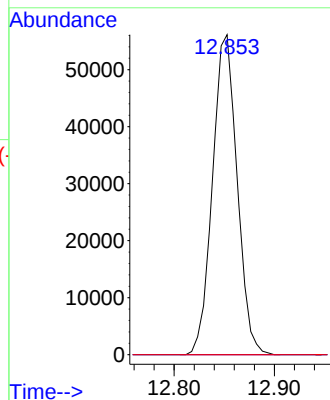
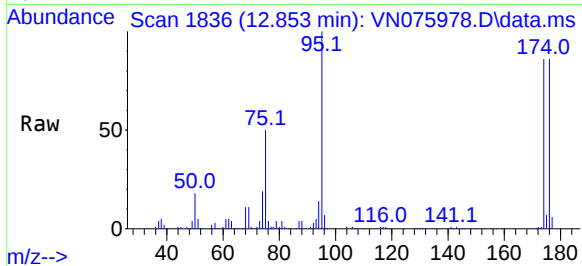




#81
trans-1,4-Dichloro-2-butene
Concen: 88.106 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

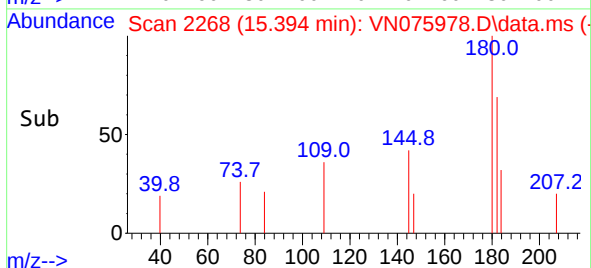
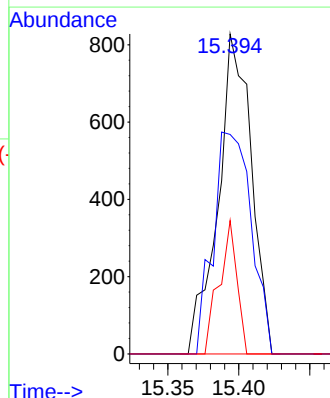
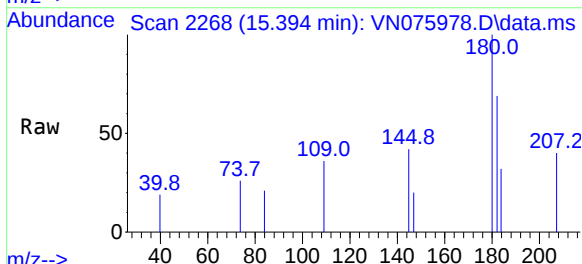
Instrument :
MSVOA_N
ClientSampleId :
VN1227WBL01

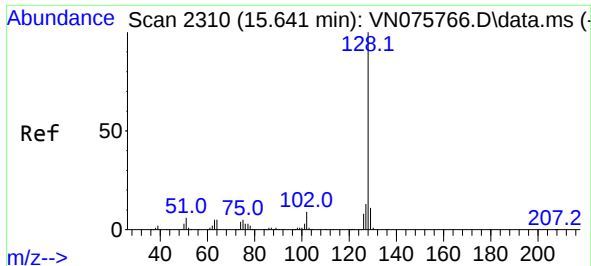
Tgt Ion: 75 Resp: 95708
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.423 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

Tgt Ion:180 Resp: 1353
Ion Ratio Lower Upper
180 100
182 79.0 47.5 142.5
145 22.2 15.3 45.8

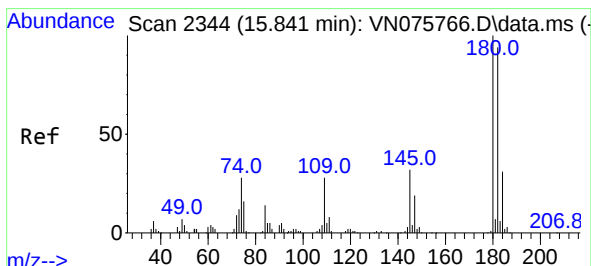
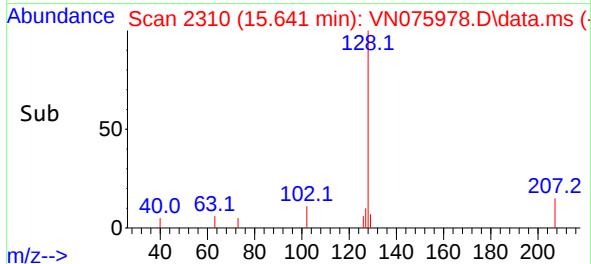
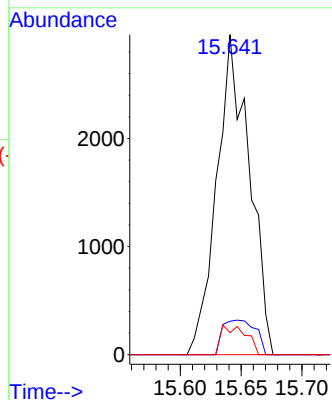
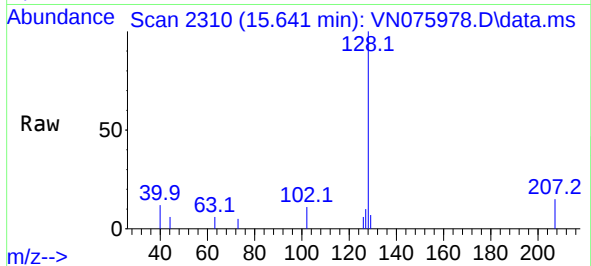




#95
Naphthalene
Concen: 2.676 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN1227WBL01

Tgt Ion:	128	Resp:	5498
Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.4	15.6
129	7.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.460 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075978.D
Acq: 27 Dec 2022 10:59

Tgt Ion:	180	Resp:	1374
Ion	Ratio	Lower	Upper
180	100		
182	78.7	47.0	141.0
145	37.3	16.0	47.9

