

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075889.D
 Acq On : 20 Dec 2022 11:12
 Operator : JC\MD
 Sample : VN1220WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBL01

Quant Time: Dec 21 01:26:51 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)

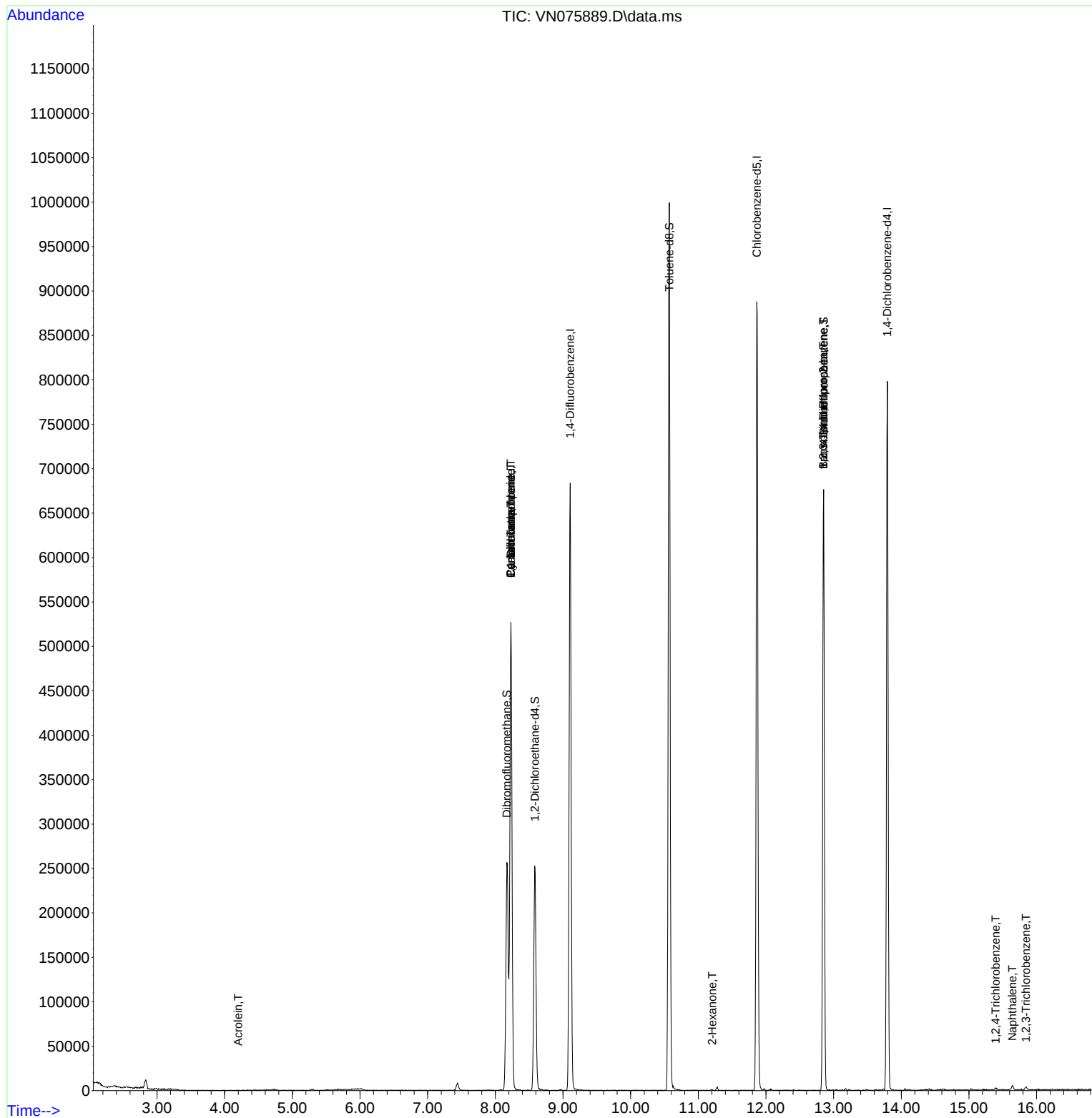
Internal Standards						
1) Pentafluorobenzene	8.230	168	412245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	634623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	547907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	201701	44.974	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.940%		
35) Dibromofluoromethane	8.171	113	185478	47.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.380%		
50) Toluene-d8	10.571	98	724939	49.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.660%		
62) 4-Bromofluorobenzene	12.853	95	231525	47.571	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.140%		
Target Compounds						
					Qvalue	
13) Acrolein	4.200	56	179	0.230	ug/l #	16
20) Methylene Chloride	5.289	84	1076	Below Cal	#	73
31) Cyclohexane	8.230	56	7493	1.167	ug/l #	31
36) 1,1-Dichloropropene	8.230	75	27749	5.315	ug/l #	51
38) Carbon Tetrachloride	8.230	117	39739	6.801	ug/l #	14
59) 2-Hexanone	11.206	43	711	0.233	ug/l	79
71) Bromoform	12.847	173	1780	0.587	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	113984	24.566	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	113984	88.425	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	987	0.260	ug/l #	81
95) Naphthalene	15.641	128	5879	2.626	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.841	180	1078	0.304	ug/l #	77

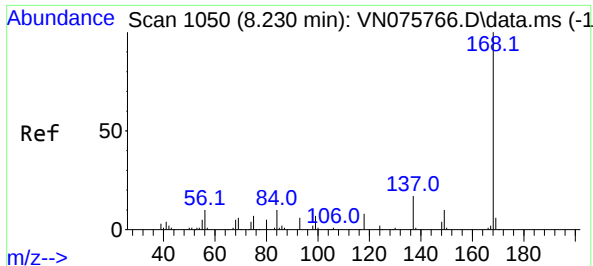
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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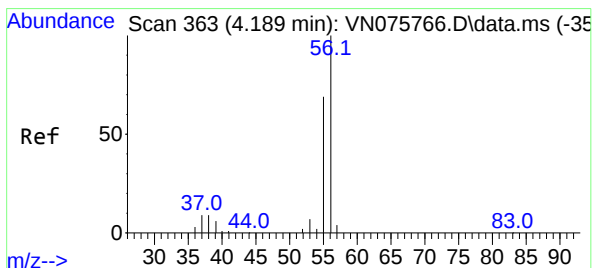
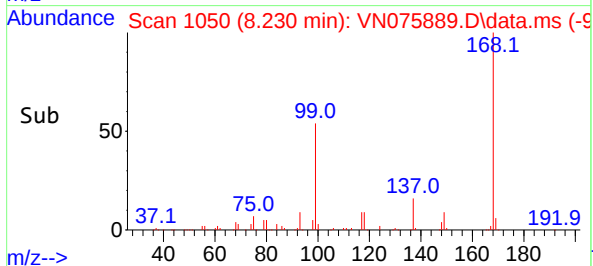
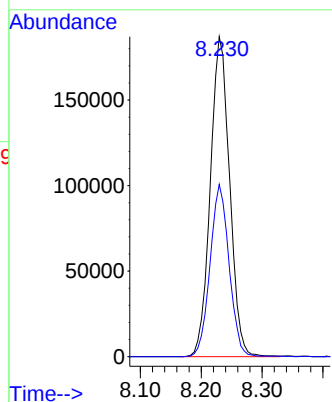
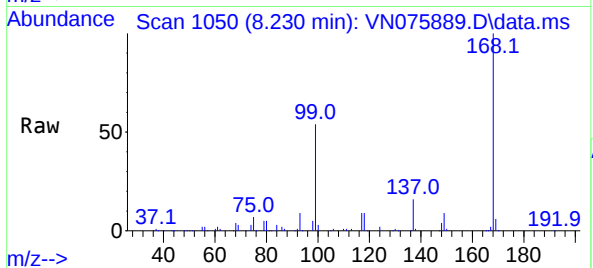




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

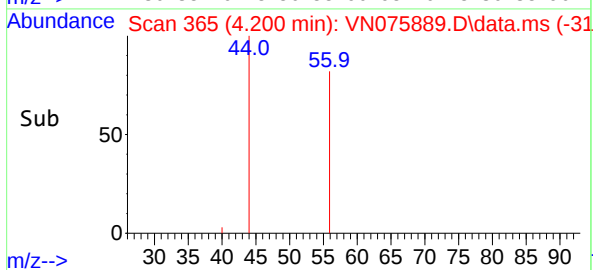
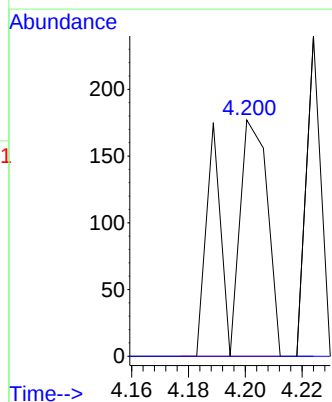
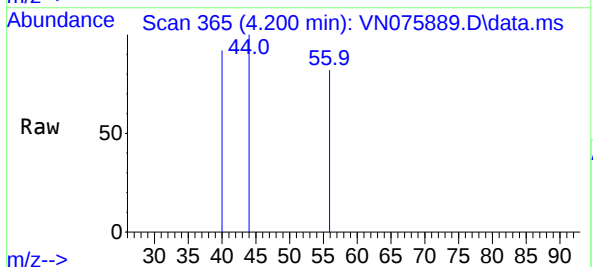
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBL01

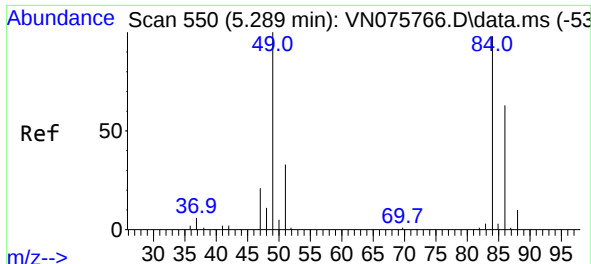
Tgt Ion:168 Resp: 412245
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#13
Acrolein
Concen: 0.230 ug/l
RT: 4.200 min Scan# 365
Delta R.T. 0.012 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

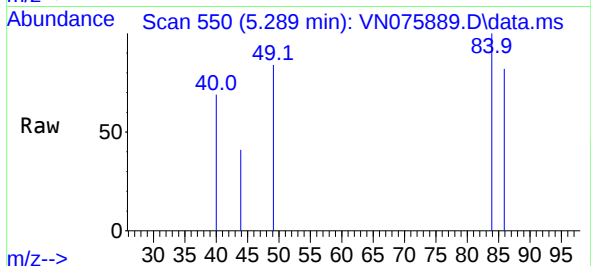
Tgt Ion: 56 Resp: 179
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



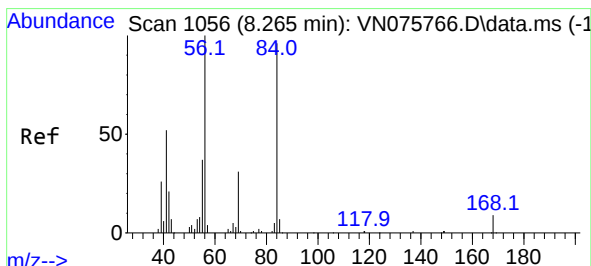
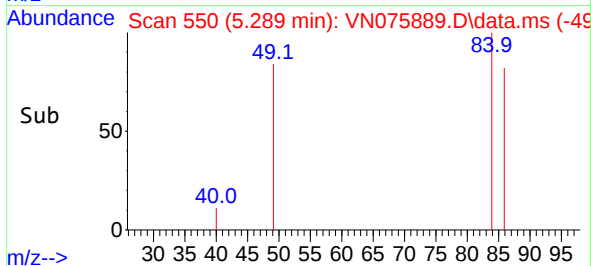
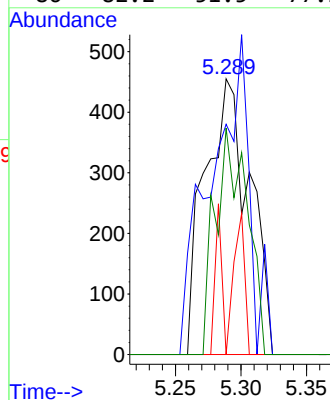


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBL01

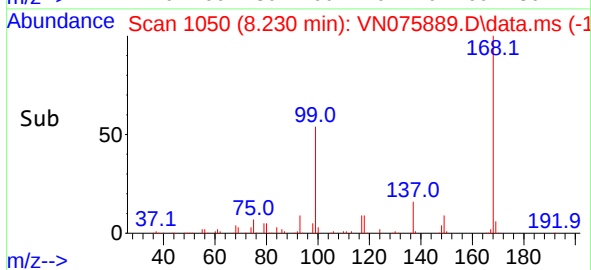
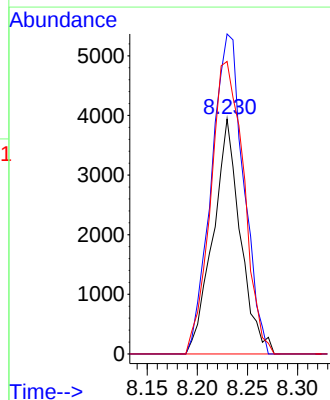
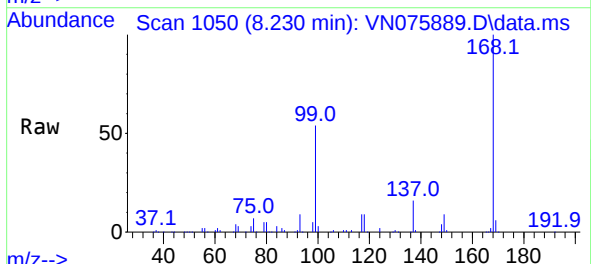


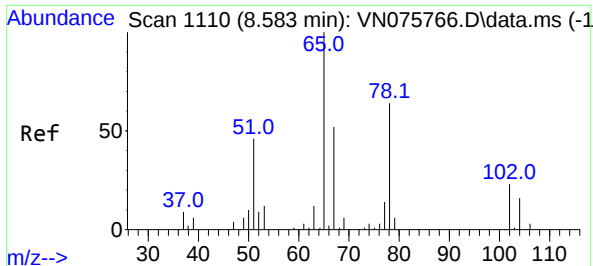
Tgt Ion:	84	Resp:	1076
Ion	Ratio	Lower	Upper
84	100		
49	83.5	81.8	122.6
51	0.0	26.7	40.1#
86	82.2	51.5	77.3#



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

Tgt Ion:	56	Resp:	7493
Ion	Ratio	Lower	Upper
56	100		
69	136.1	24.7	37.1#
84	124.4	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 44.974 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075889.D

Acq: 20 Dec 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

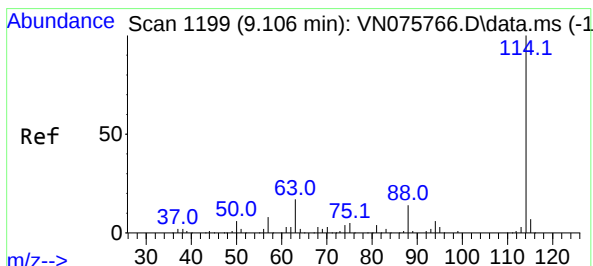
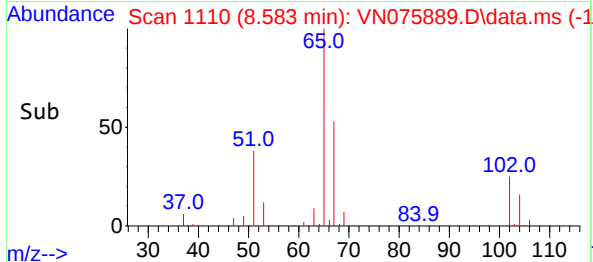
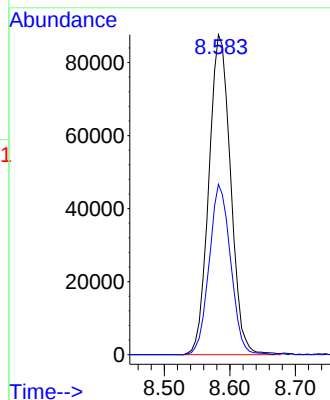
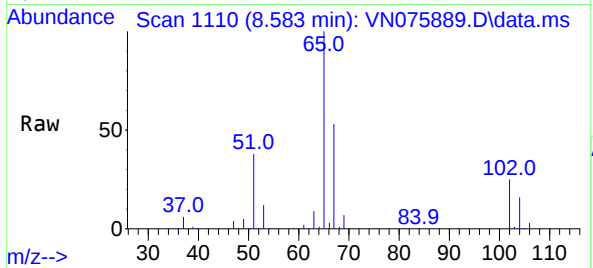
VN1220WBL01

Tgt Ion: 65 Resp: 201701

Ion Ratio Lower Upper

65 100

67 52.4 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: VN075889.D

Acq: 20 Dec 2022 11:12

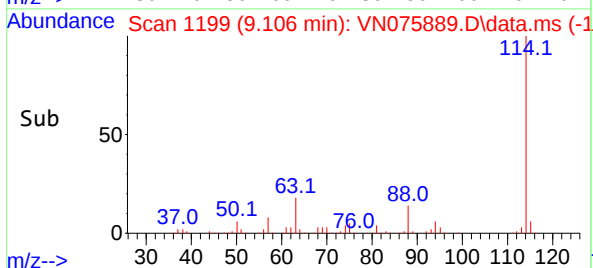
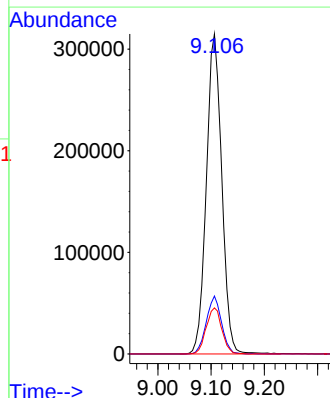
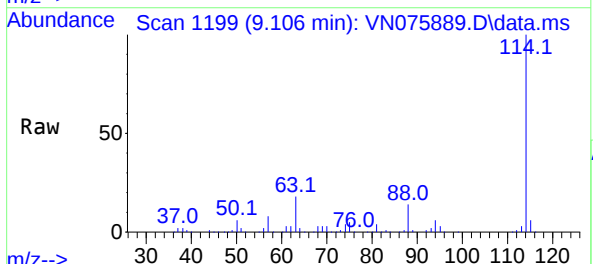
Tgt Ion: 114 Resp: 634623

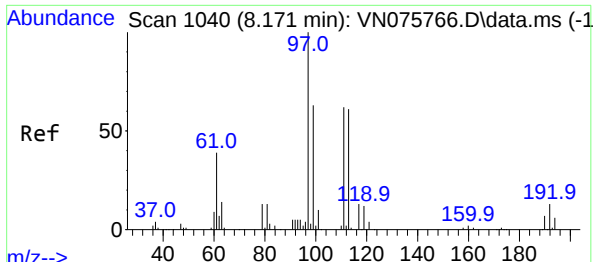
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

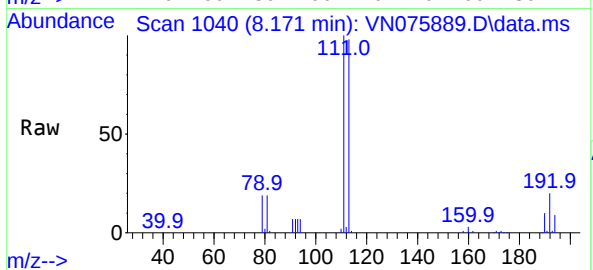
88 14.4 0.0 28.8



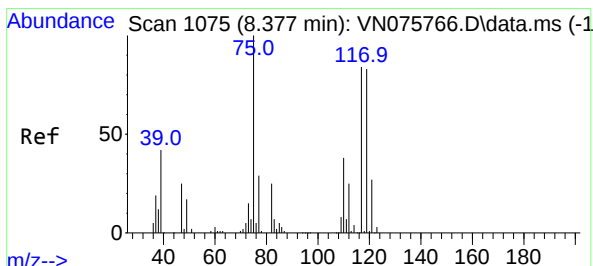
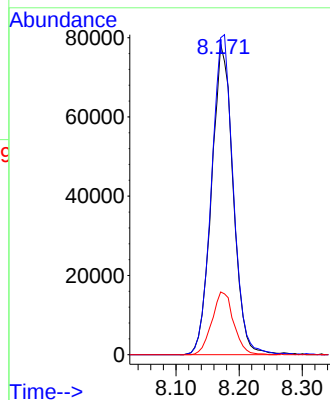
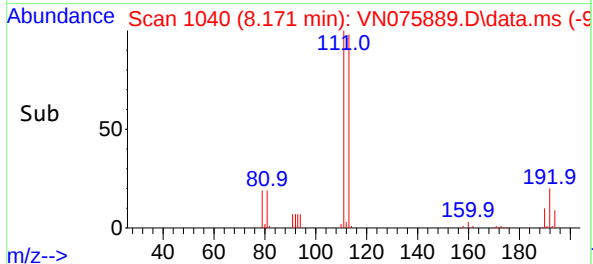


#35
Dibromofluoromethane
Concen: 47.194 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBL01

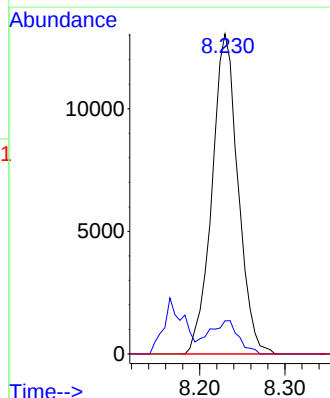
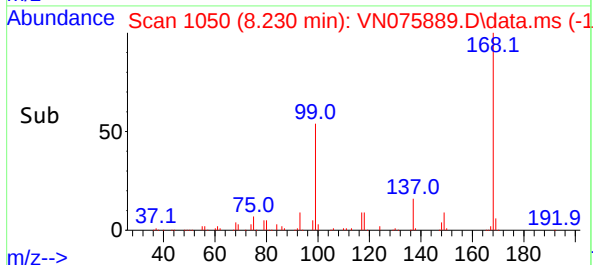
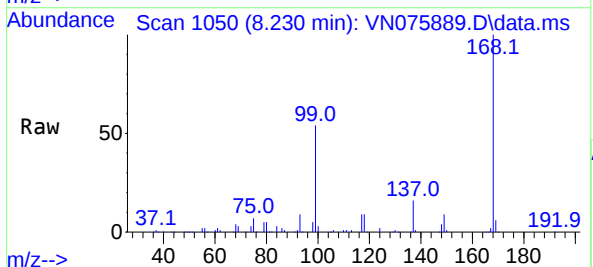


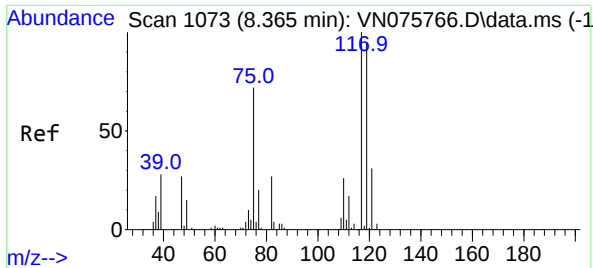
Tgt Ion:113 Resp: 185478
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 20.3 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.315 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

Tgt Ion: 75 Resp: 27749
Ion Ratio Lower Upper
75 100
110 11.1 18.8 56.4#
77 0.0 24.1 36.1#

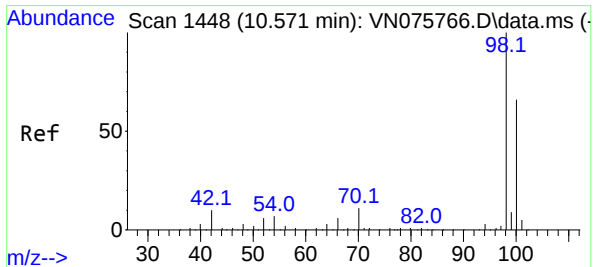
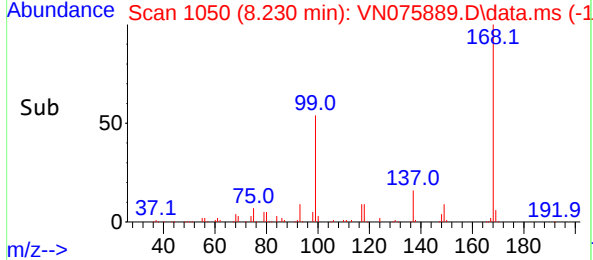
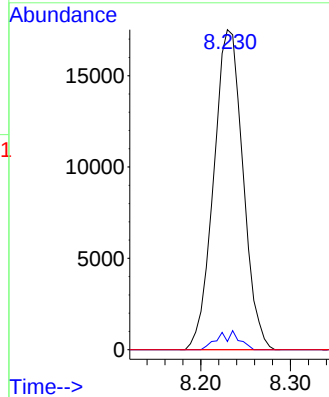
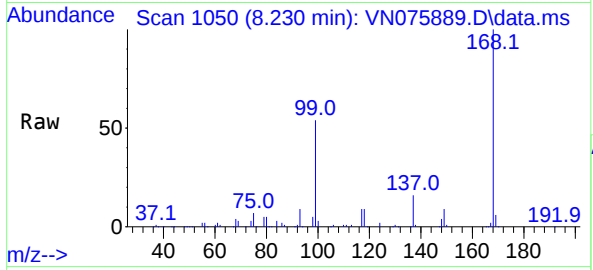




#38
Carbon Tetrachloride
Concen: 6.801 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

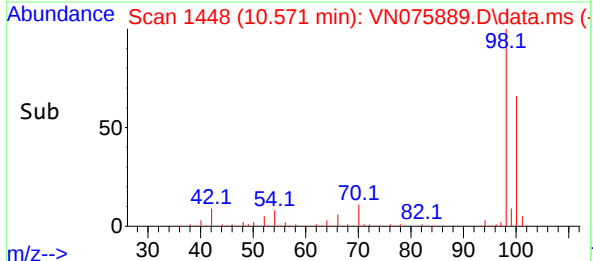
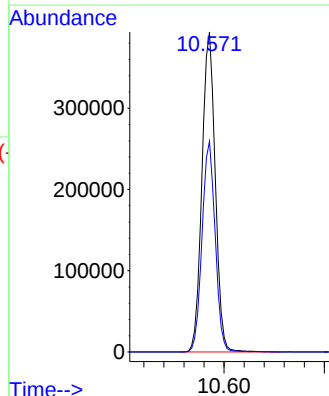
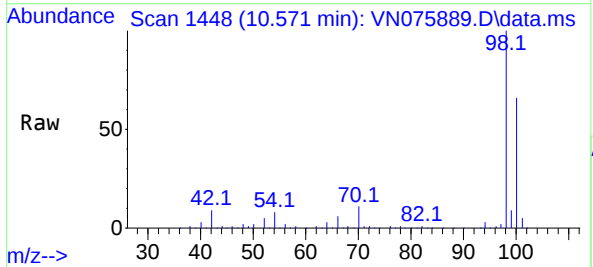
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBL01

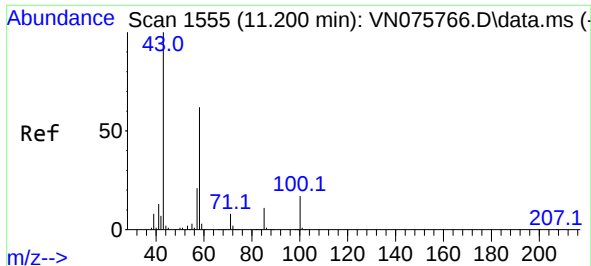
Tgt Ion:117 Resp: 39739
Ion Ratio Lower Upper
117 100
119 2.6 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.335 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

Tgt Ion: 98 Resp: 724939
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1

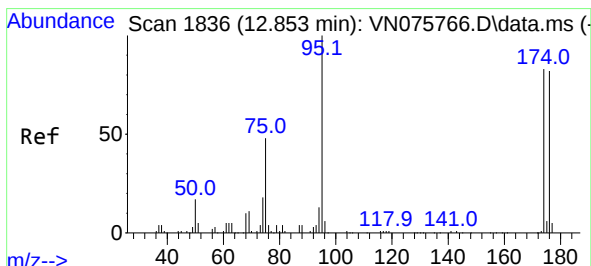
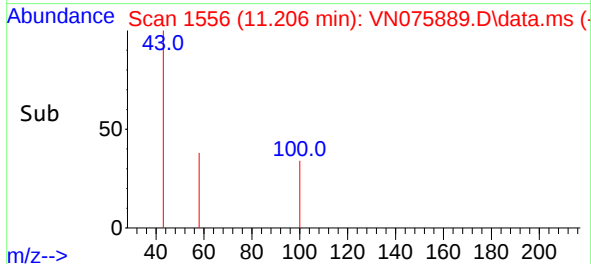
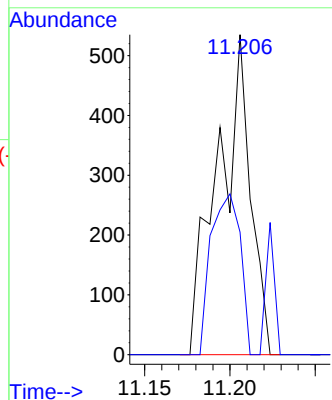
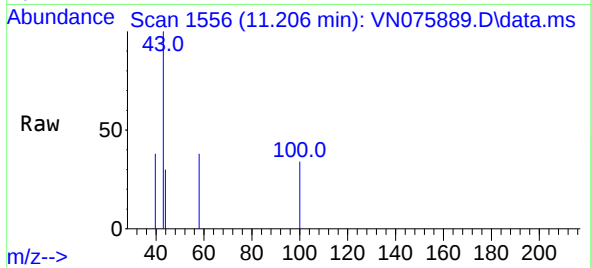




#59
2-Hexanone
Concen: 0.233 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

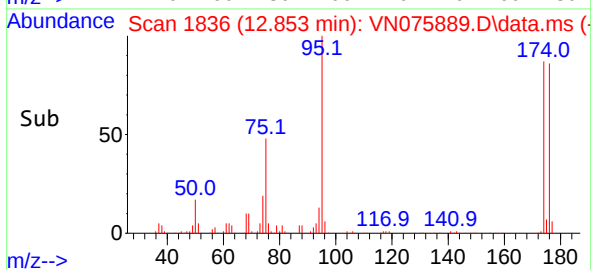
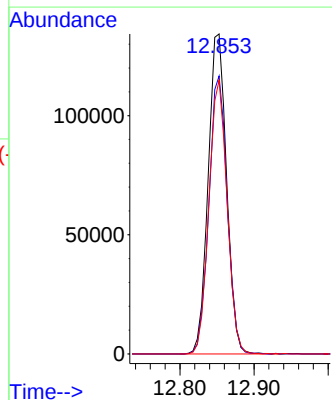
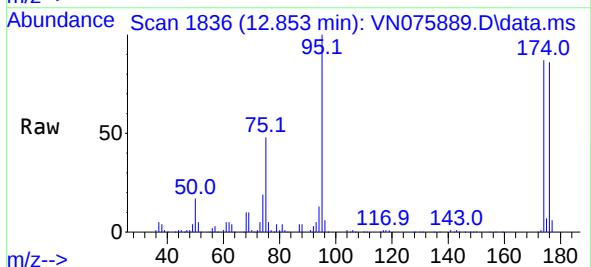
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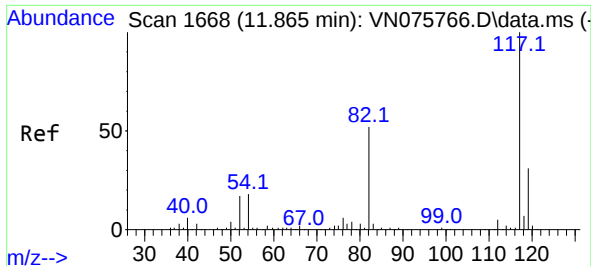
Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
58 45.4 30.6 92.0



#62
4-Bromofluorobenzene
Concen: 47.571 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

Tgt Ion: 95 Resp: 231525
Ion Ratio Lower Upper
95 100
174 86.1 0.0 171.6
176 84.3 0.0 169.2

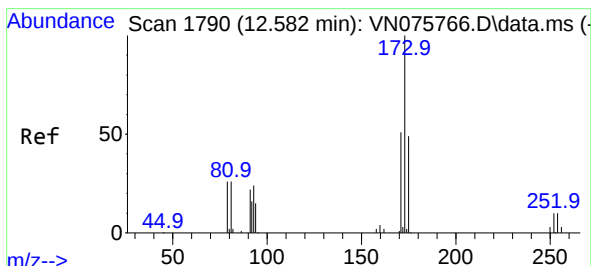
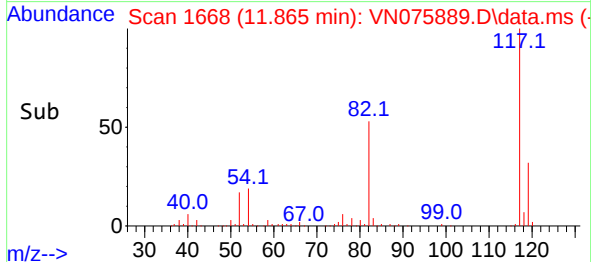
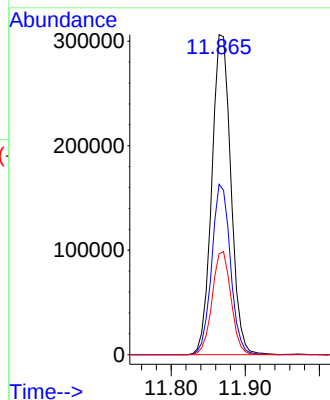
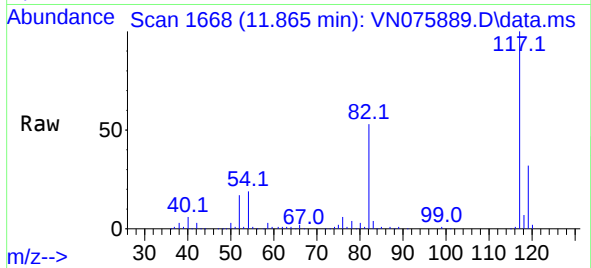




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

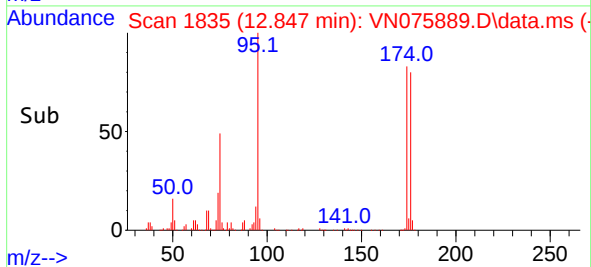
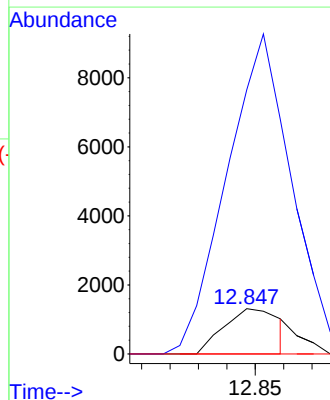
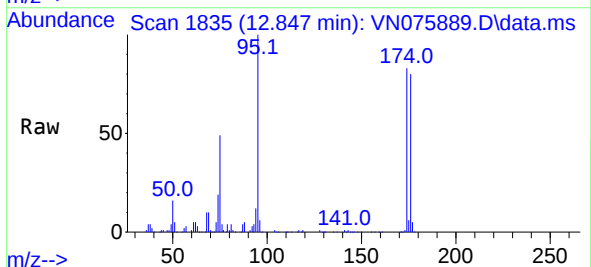
Instrument :
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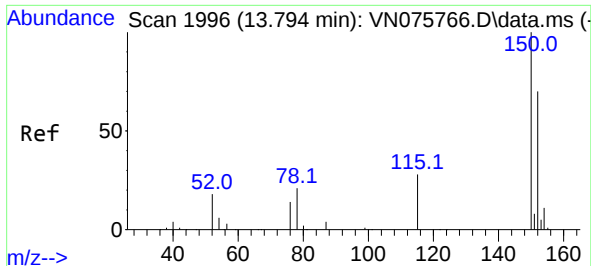
Tgt Ion:117 Resp: 547907
Ion Ratio Lower Upper
117 100
82 53.3 41.3 61.9
119 31.6 24.6 37.0



#71
Bromoform
Concen: 0.587 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

Tgt Ion:173 Resp: 1780
Ion Ratio Lower Upper
173 100
175 683.9 24.3 72.8#
254 0.0 0.0 0.0

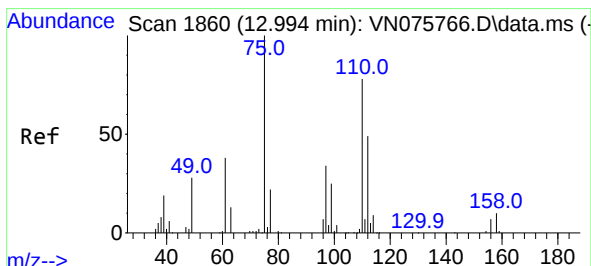
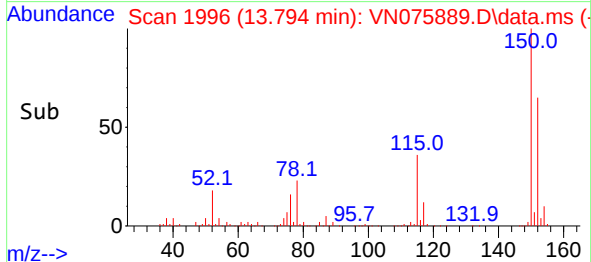
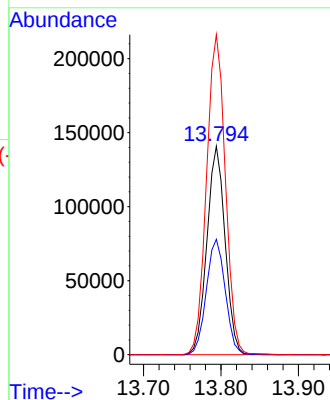
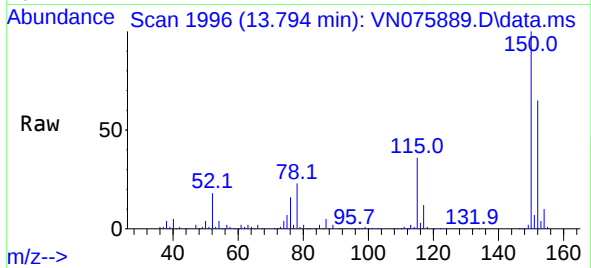




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

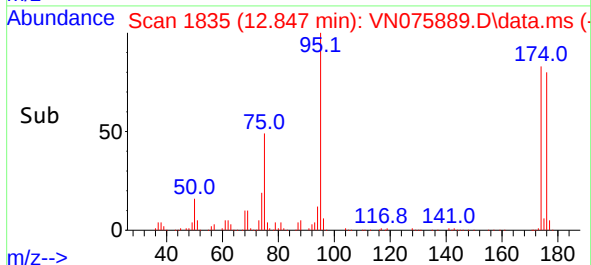
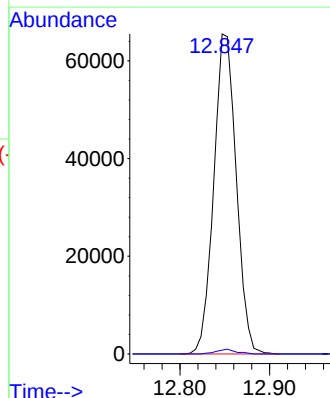
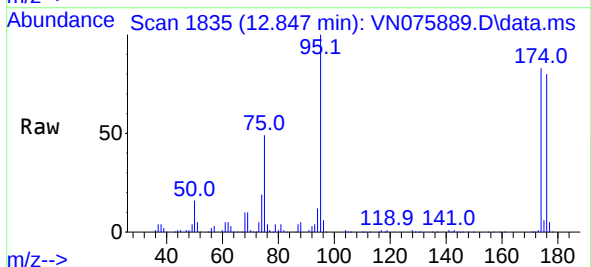
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBL01

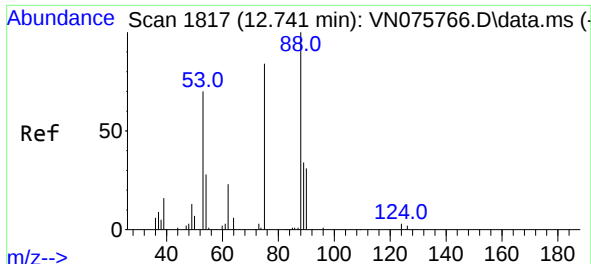
Tgt Ion:152 Resp: 230184
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.4
150 158.4 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 24.566 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

Tgt Ion: 75 Resp: 113984
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

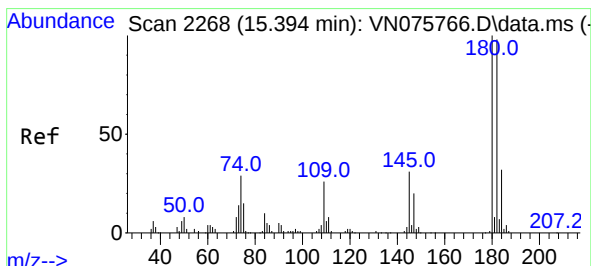
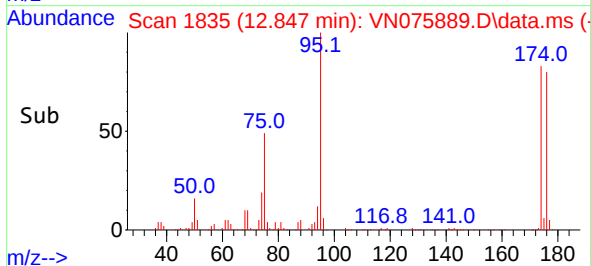
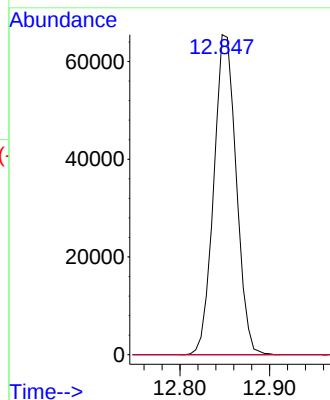
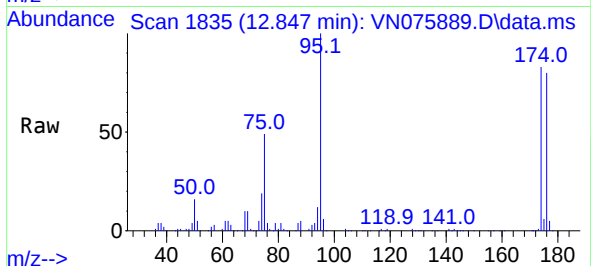




#81
trans-1,4-Dichloro-2-butene
Concen: 88.425 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

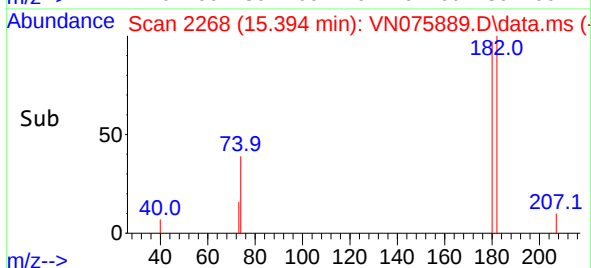
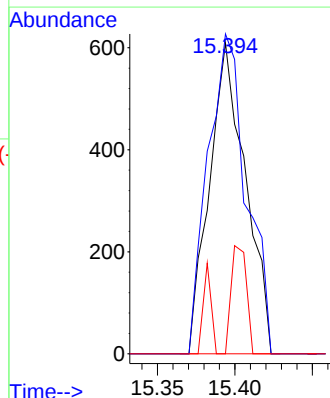
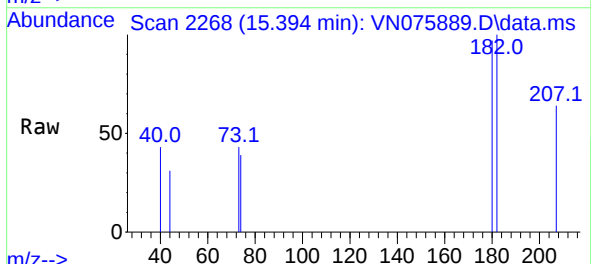
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBL01

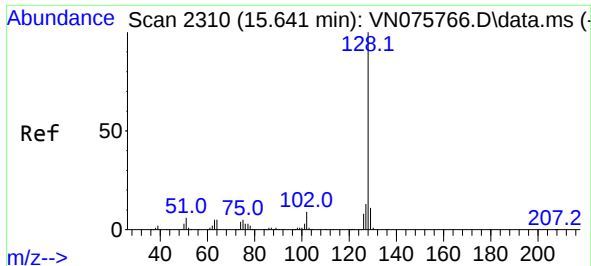
Tgt Ion: 75 Resp: 113984
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.260 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

Tgt Ion:180 Resp: 987
Ion Ratio Lower Upper
180 100
182 109.7 47.5 142.5
145 14.7 15.3 45.8#

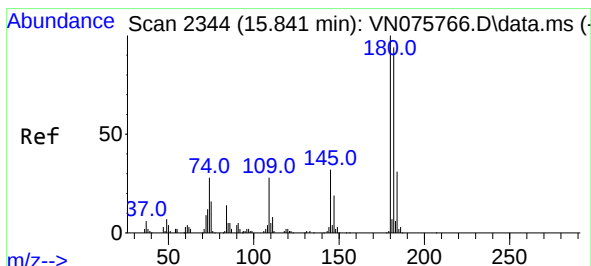
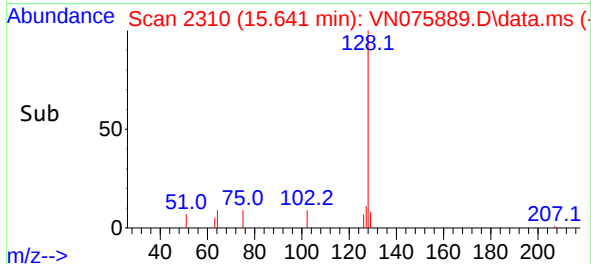
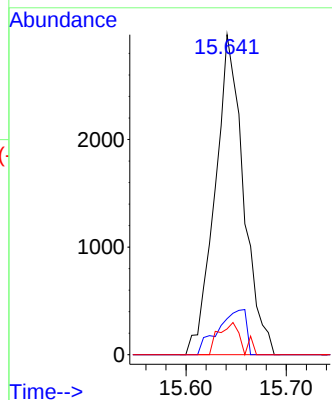
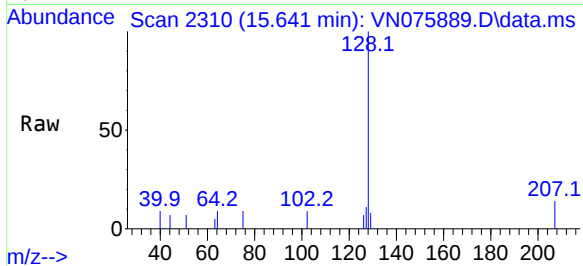




#95
Naphthalene
Concen: 2.626 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBL01

Tgt Ion:	128	Resp:	5879
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	8.0	8.7	13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.304 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075889.D
Acq: 20 Dec 2022 11:12

Tgt Ion:	180	Resp:	1078
Ion	Ratio	Lower	Upper
180	100		
182	107.8	47.0	141.0
145	59.2	16.0	47.9#

