

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075756.D
 Acq On : 13 Dec 2022 11:15
 Operator : JC\MD
 Sample : N6027-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-121222

Quant Time: Dec 13 13:05:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

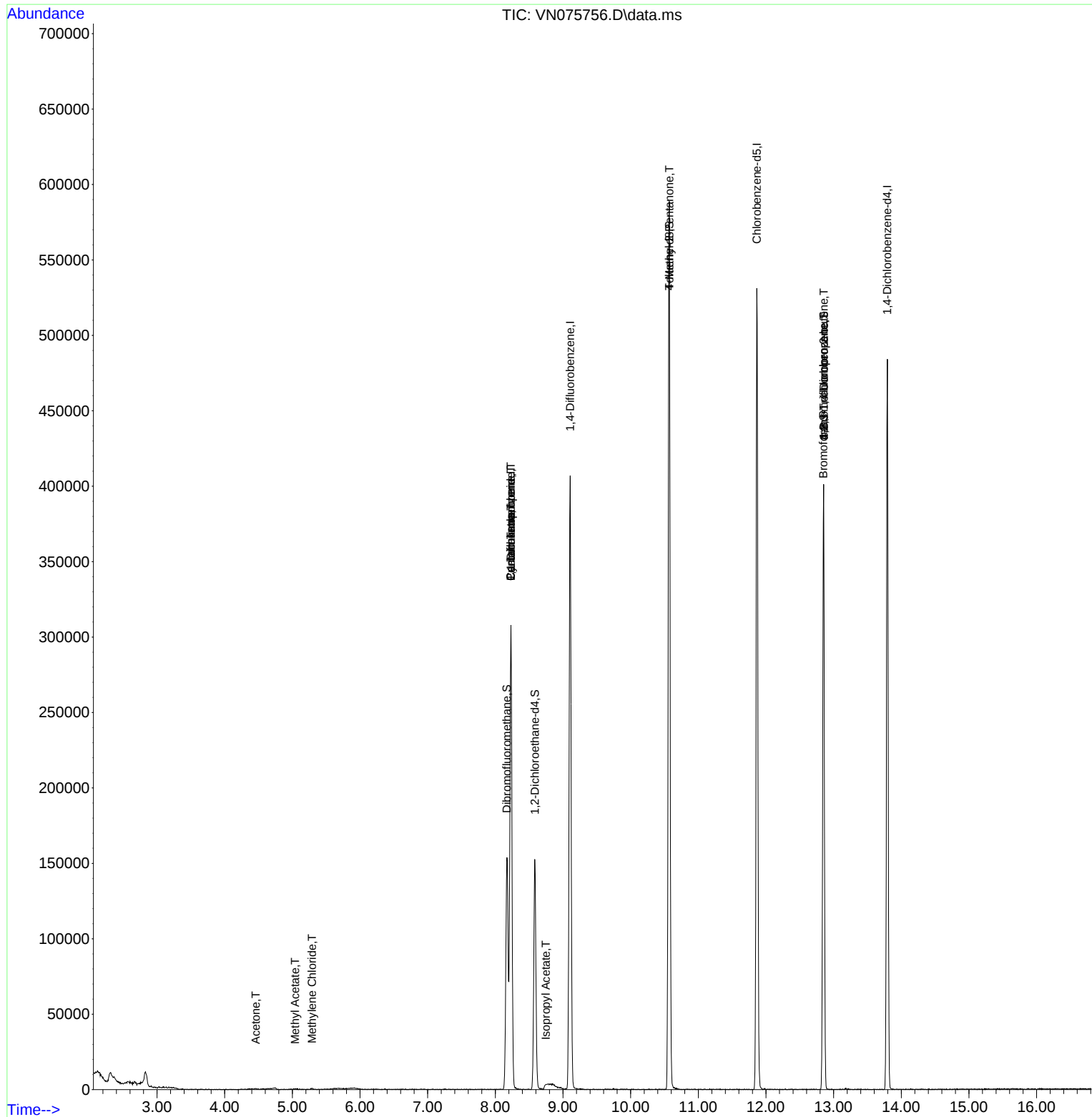
Internal Standards						
1) Pentafluorobenzene	8.229	168	235687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	372677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120776	48.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.600%		
35) Dibromofluoromethane	8.171	113	112835	49.625	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.240%		
50) Toluene-d8	10.570	98	432252	50.621	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.240%		
62) 4-Bromofluorobenzene	12.853	95	134883	46.200	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.400%		
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	347	0.410	ug/l #	41
18) Methyl Acetate	5.041	43	975	0.358	ug/l #	44
20) Methylene Chloride	5.288	84	560	0.222	ug/l #	59
31) Cyclohexane	8.229	56	4299	1.161	ug/l #	37
36) 1,1-Dichloropropene	8.229	75	15907	5.269	ug/l #	49
38) Carbon Tetrachloride	8.229	117	23098	6.630	ug/l #	16
43) Isopropyl Acetate	8.747	43	1941	0.480	ug/l #	51
51) 4-Methyl-2-Pentanone	10.570	43	1313	0.526	ug/l #	1
71) Bromoform	12.847	173	715	0.390	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	68127	24.589	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68127	78.495	ug/l #	13

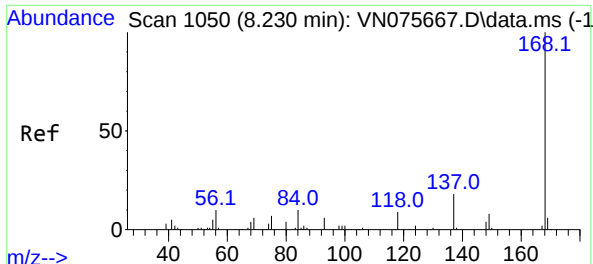
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN075756.D

Acq: 13 Dec 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

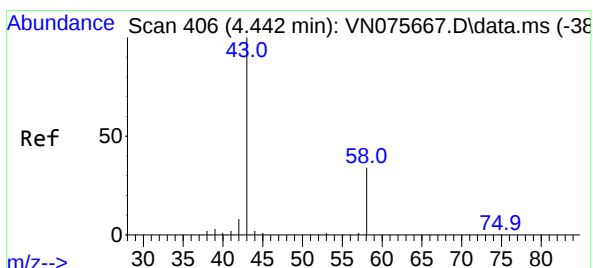
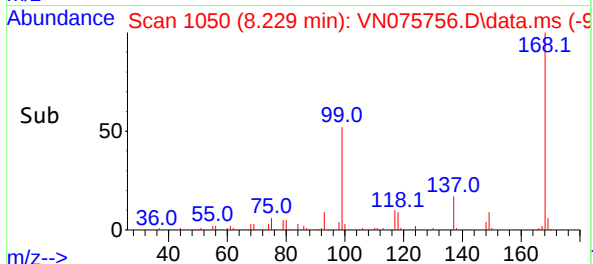
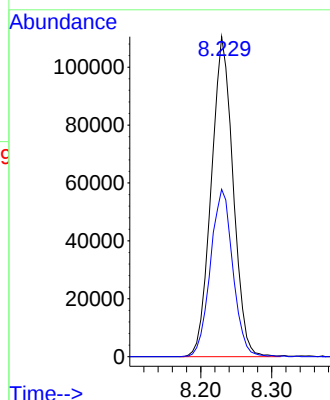
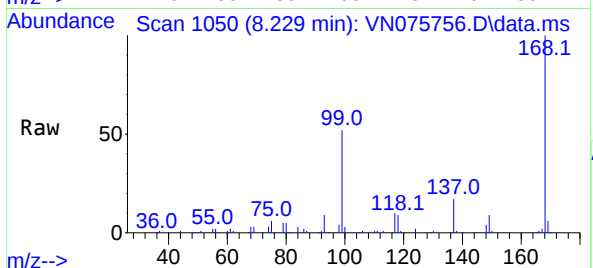
TB-01-121222

Tgt Ion:168 Resp: 235687

Ion Ratio Lower Upper

168 100

99 52.3 41.2 61.8



#16

Acetone

Concen: 0.410 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.018 min

Lab File: VN075756.D

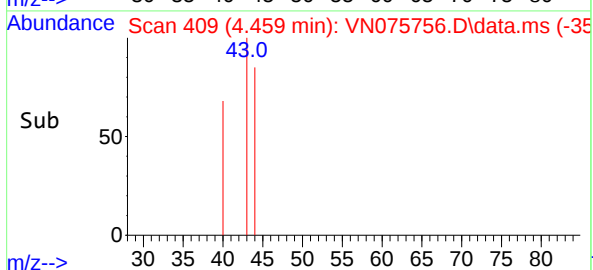
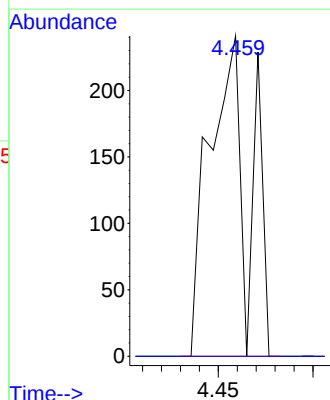
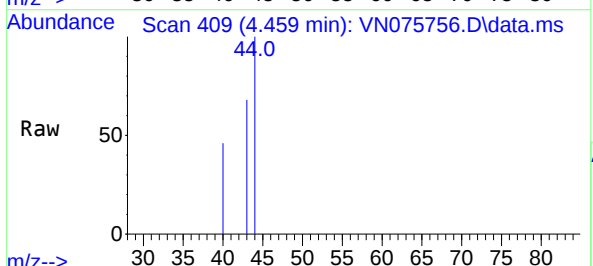
Acq: 13 Dec 2022 11:15

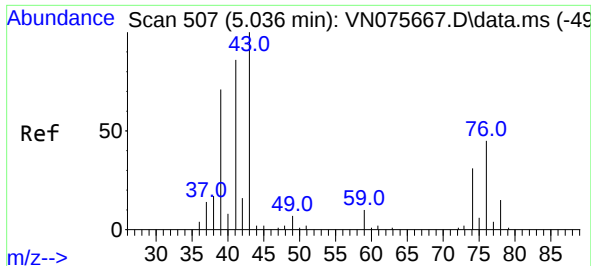
Tgt Ion: 43 Resp: 347

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.4#

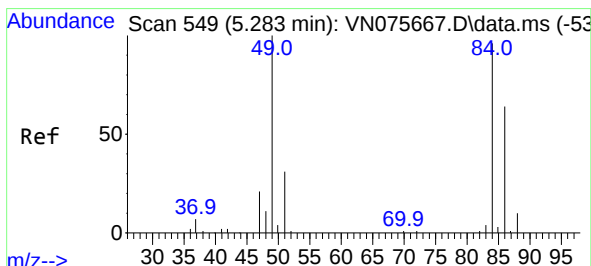
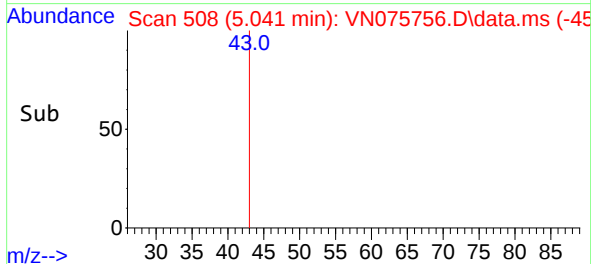
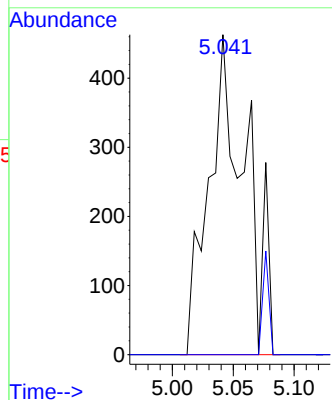
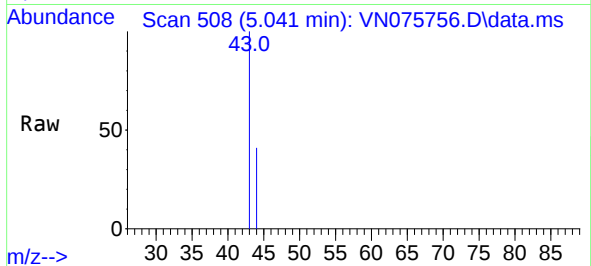




#18
Methyl Acetate
Concen: 0.358 ug/l
RT: 5.041 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

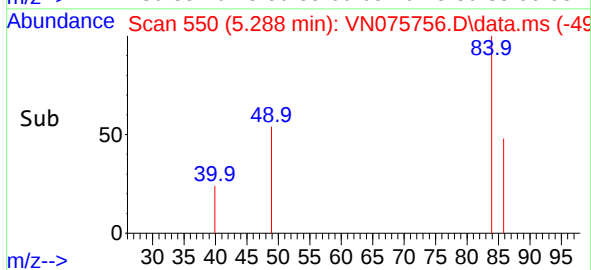
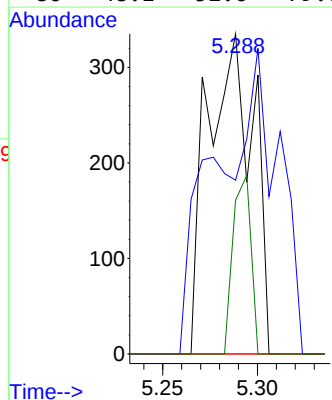
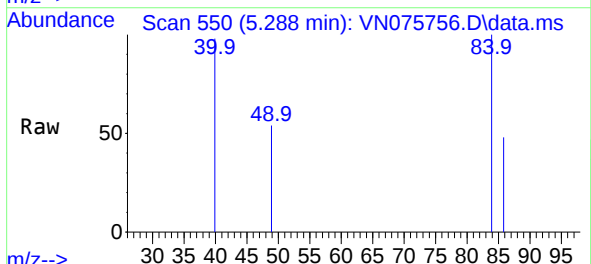
Instrument :
MSVOA_N
ClientSampleId :
TB-01-121222

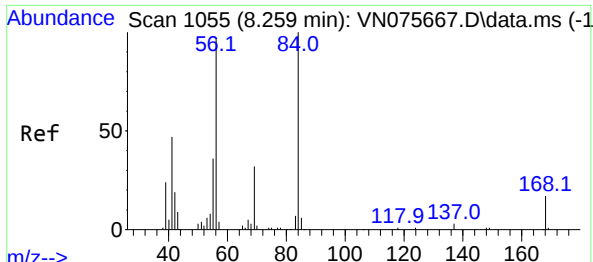
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
74 0.0 24.5 36.7#



#20
Methylene Chloride
Concen: 0.222 ug/l
RT: 5.288 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

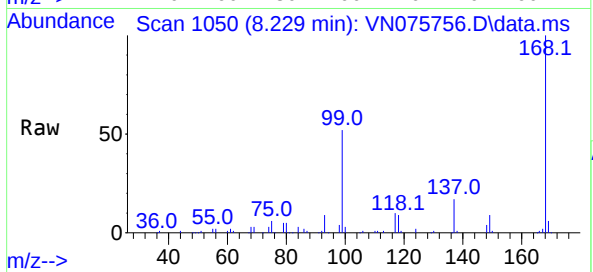
Tgt Ion: 84 Resp: 560
Ion Ratio Lower Upper
84 100
49 54.3 83.0 124.4#
51 0.0 26.0 39.0#
86 48.1 52.6 79.0#



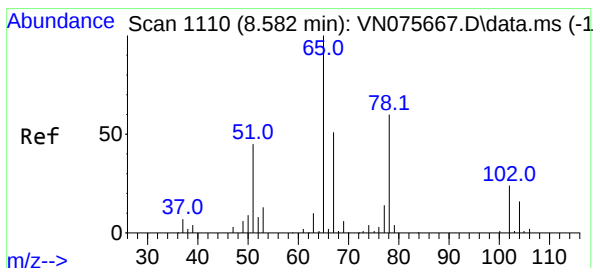
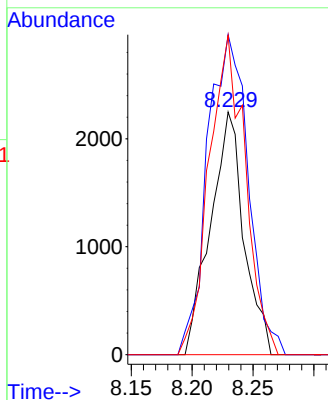
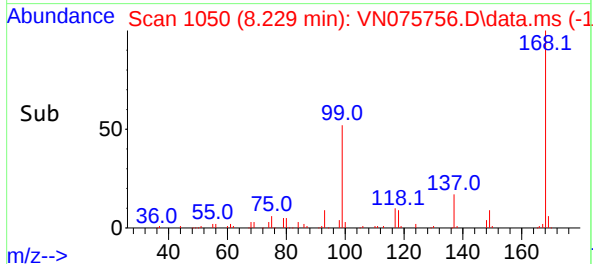


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
TB-01-121222

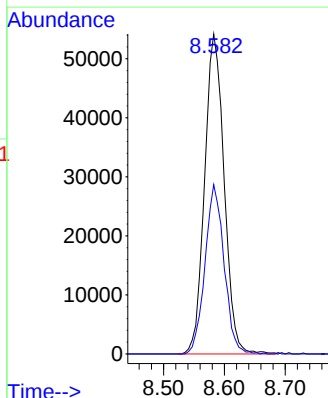
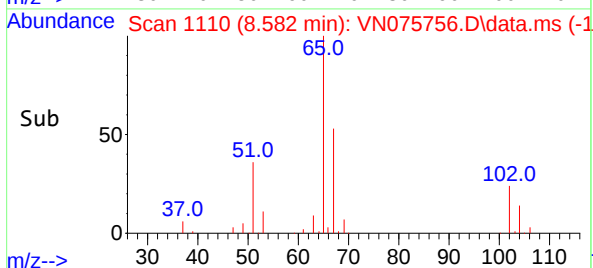
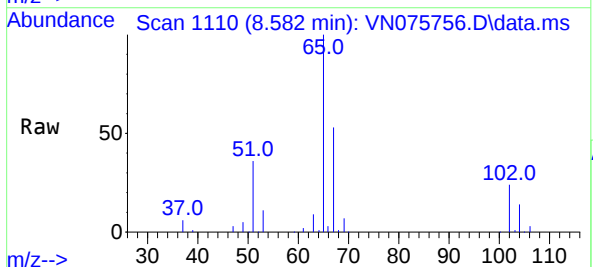


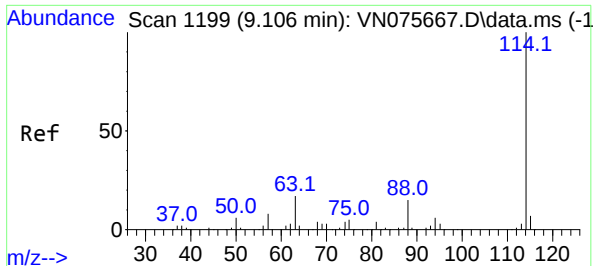
Tgt Ion: 56 Resp: 4299
Ion Ratio Lower Upper
56 100
69 131.8 26.2 39.2#
84 131.5 82.8 124.2#



#33
1,2-Dichloroethane-d4
Concen: 48.297 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

Tgt Ion: 65 Resp: 120776
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.2

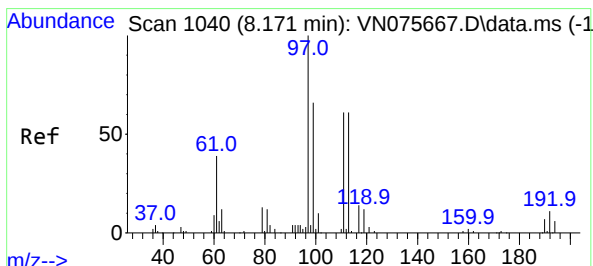
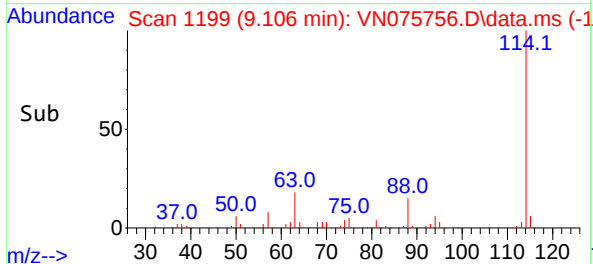
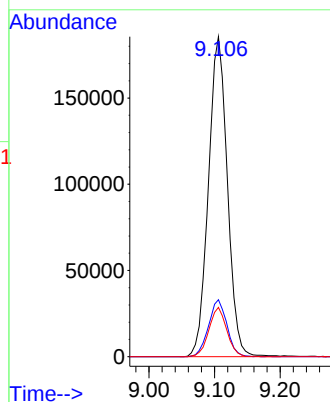
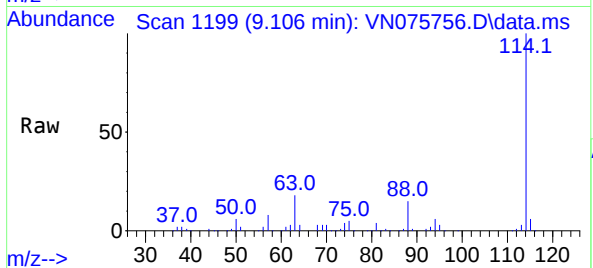




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

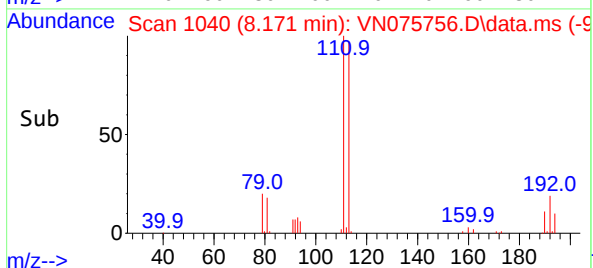
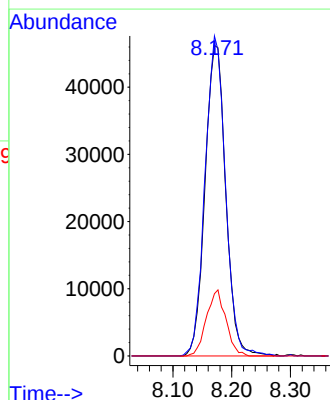
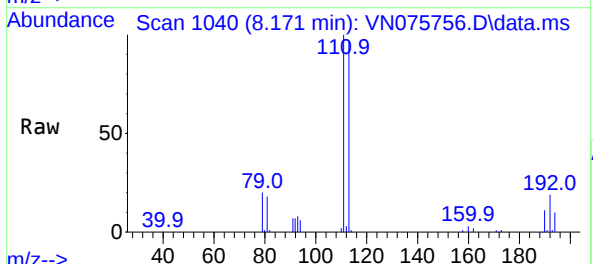
Instrument :
MSVOA_N
ClientSampleId :
TB-01-121222

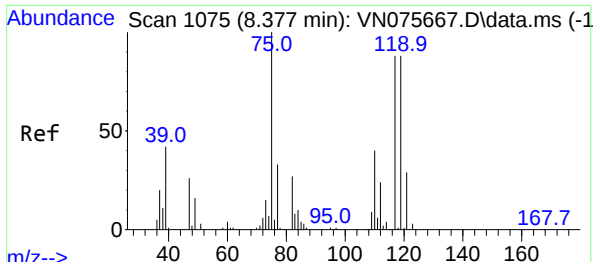
Tgt Ion:114 Resp: 372677
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.4
88 15.4 0.0 29.2



#35
Dibromofluoromethane
Concen: 49.625 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

Tgt Ion:113 Resp: 112835
Ion Ratio Lower Upper
113 100
111 101.9 81.0 121.6
192 20.0 16.2 24.2





#36

1,1-Dichloropropene

Concen: 5.269 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075756.D

Acq: 13 Dec 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

TB-01-121222

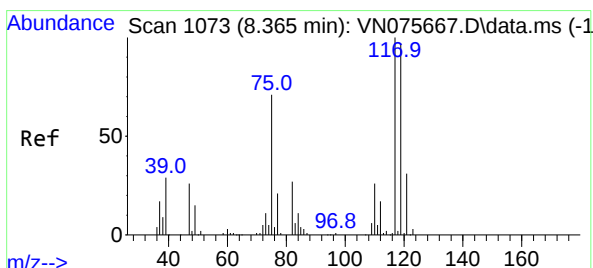
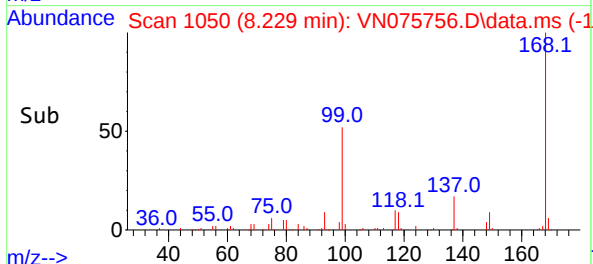
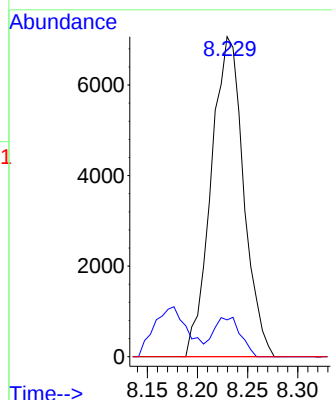
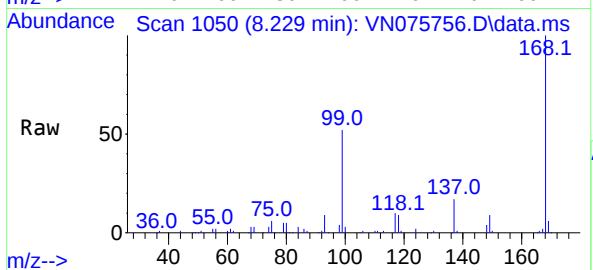
Tgt Ion: 75 Resp: 15907

Ion Ratio Lower Upper

75 100

110 10.2 18.9 56.9#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.630 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075756.D

Acq: 13 Dec 2022 11:15

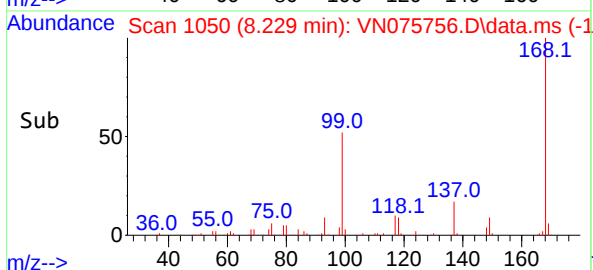
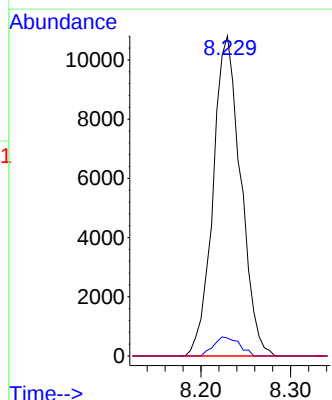
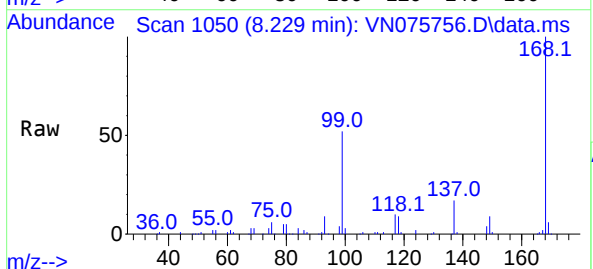
Tgt Ion: 117 Resp: 23098

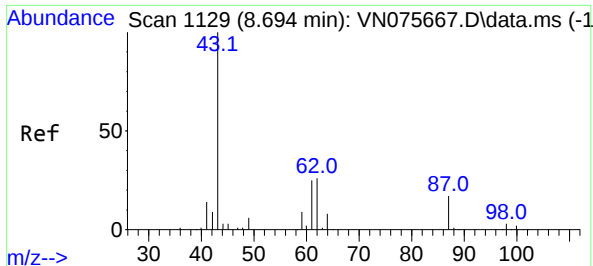
Ion Ratio Lower Upper

117 100

119 5.6 77.2 115.8#

121 0.0 24.6 37.0#

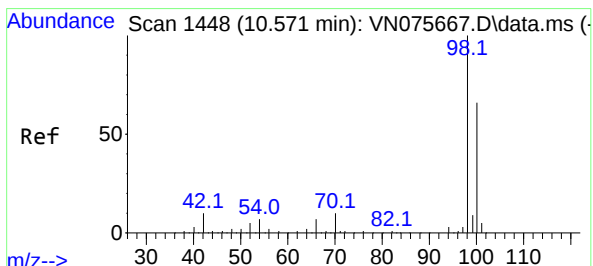
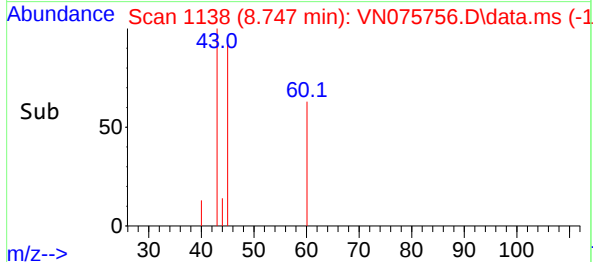
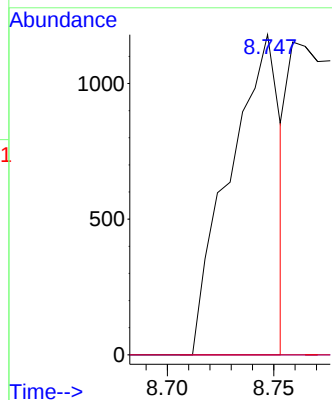
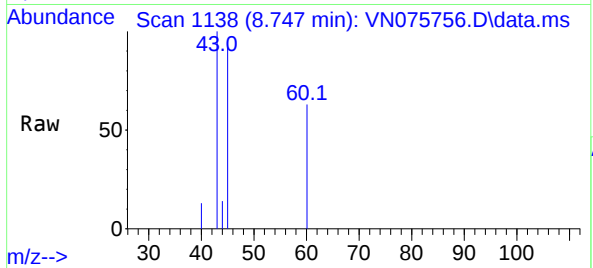




#43
Isopropyl Acetate
Concen: 0.480 ug/l
RT: 8.747 min Scan# 1129
Delta R.T. 0.053 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

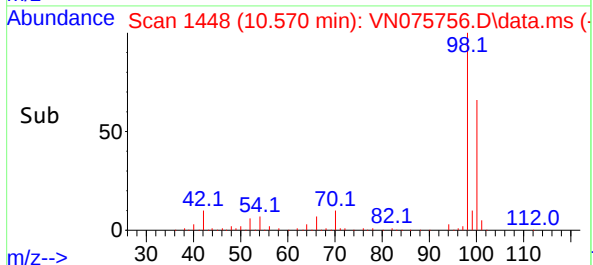
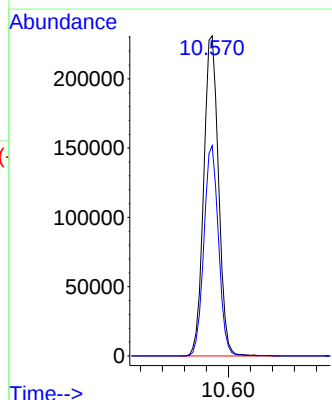
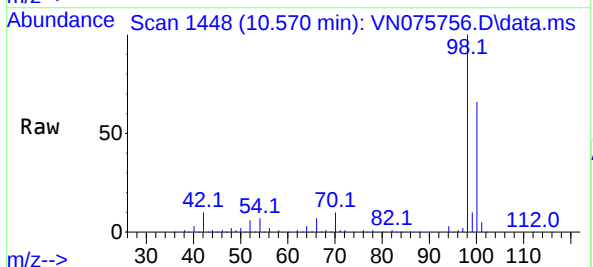
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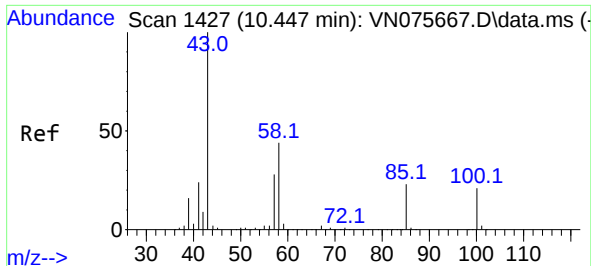
Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
61 0.0 23.8 35.8#
87 0.0 13.7 20.5#



#50
Toluene-d8
Concen: 50.621 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

Tgt Ion: 98 Resp: 432252
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

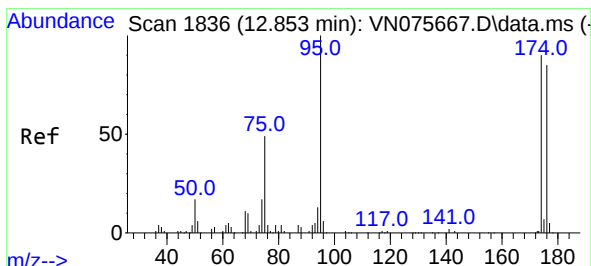
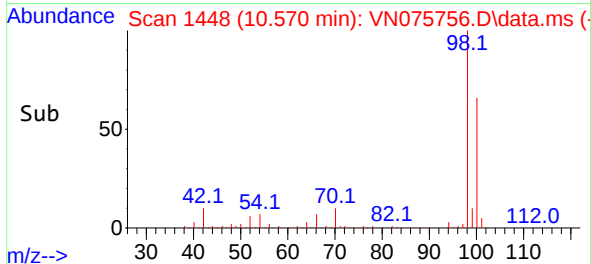
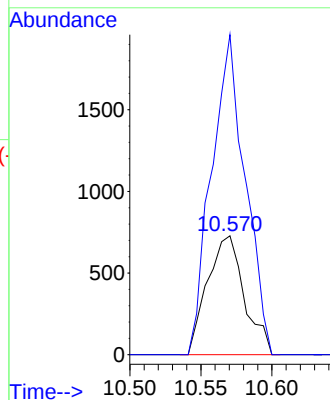
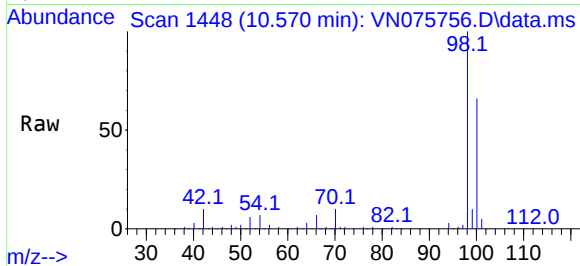




#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 10.570 min Scan# 1427
Delta R.T. 0.123 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

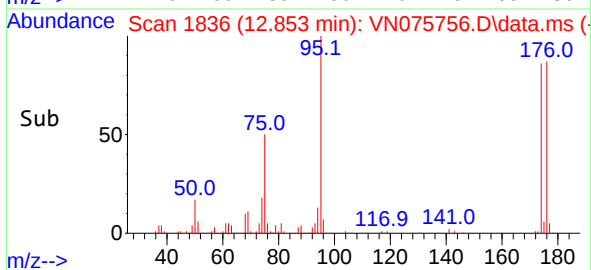
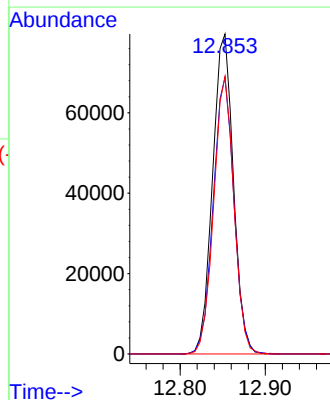
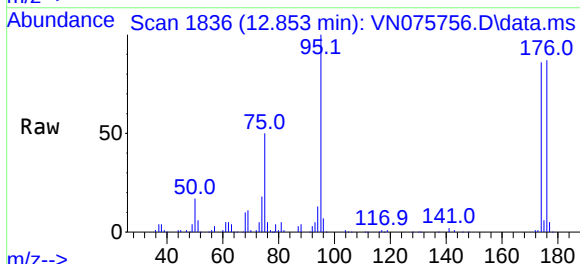
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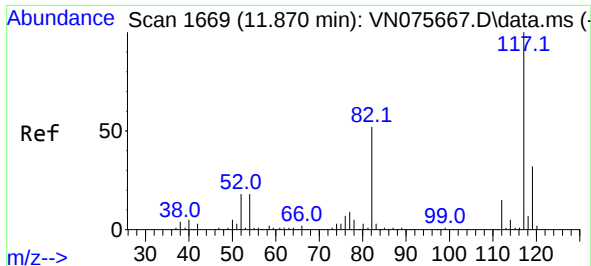
Tgt Ion: 43 Resp: 1313
Ion Ratio Lower Upper
43 100
58 247.9 35.0 52.6#



#62
4-Bromofluorobenzene
Concen: 46.200 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

Tgt Ion: 95 Resp: 134883
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.6
176 84.2 0.0 170.8

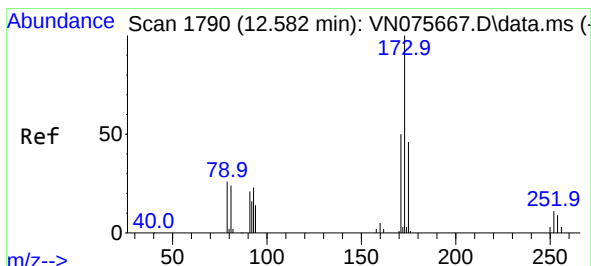
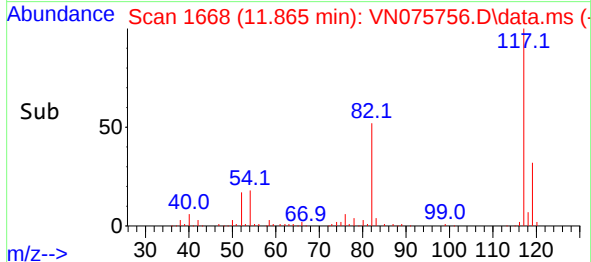
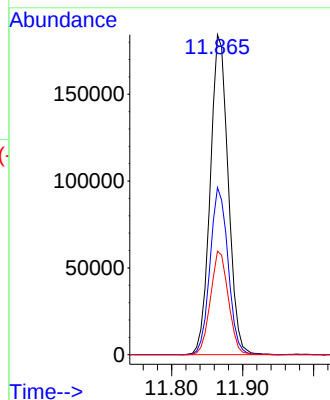
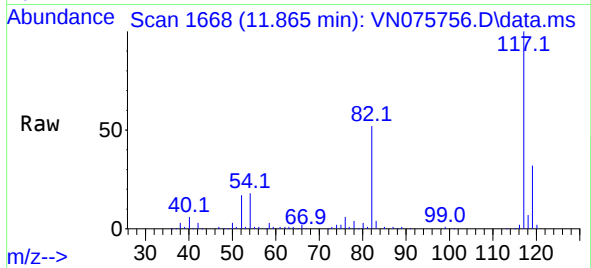




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

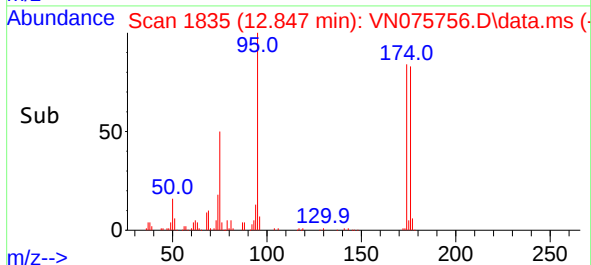
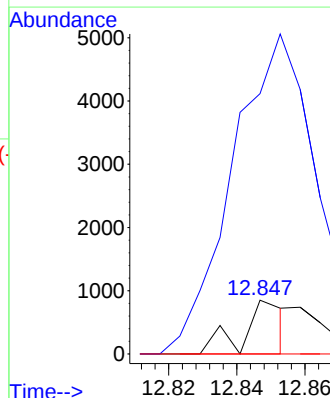
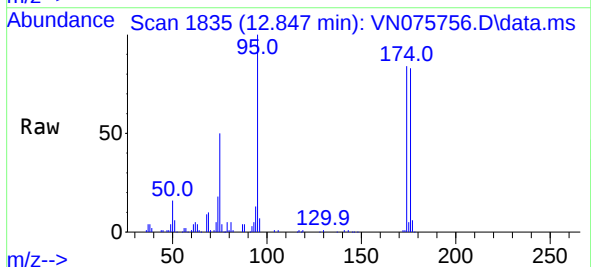
Instrument :
MSVOA_N
ClientSampleId :
TB-01-121222

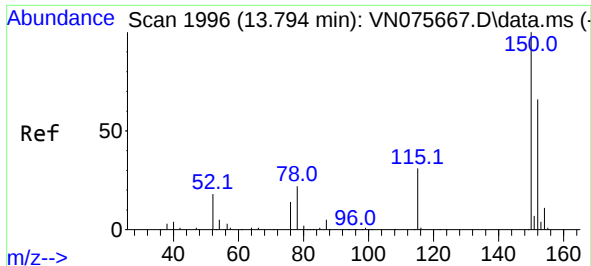
Tgt Ion:117 Resp: 323158
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.3 25.8 38.6



#71
Bromoform
Concen: 0.390 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

Tgt Ion:173 Resp: 715
Ion Ratio Lower Upper
173 100
175 1002.7 23.8 71.2#
254 0.0 0.0 0.0

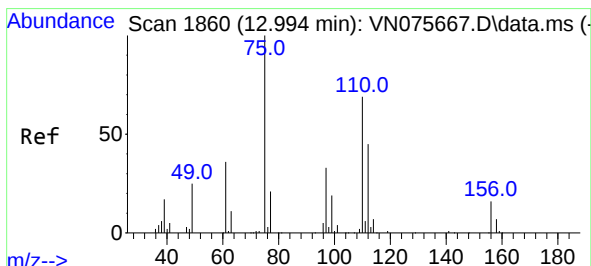
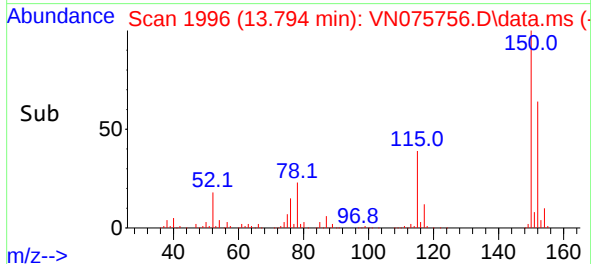
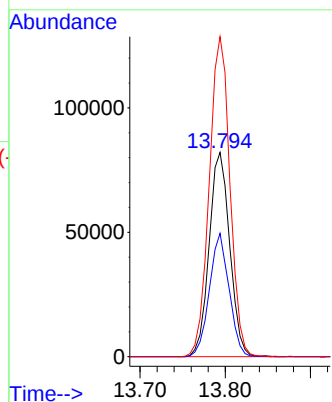
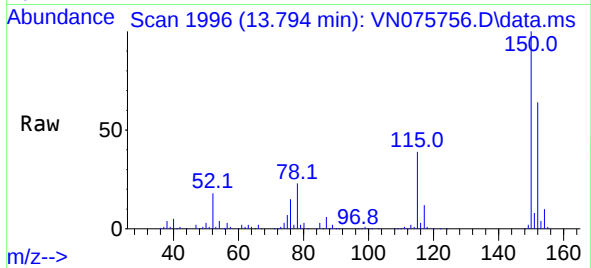




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

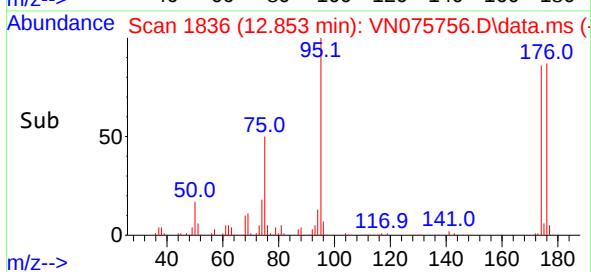
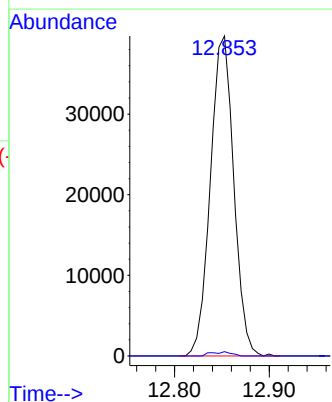
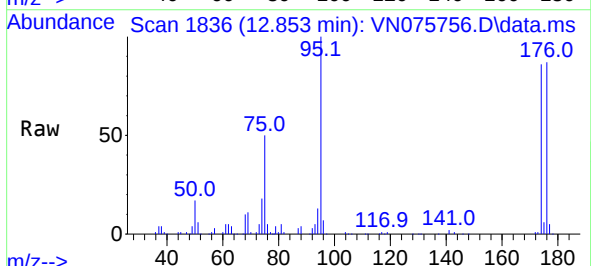
Instrument :
MSVOA_N
ClientSampleId :
TB-01-121222

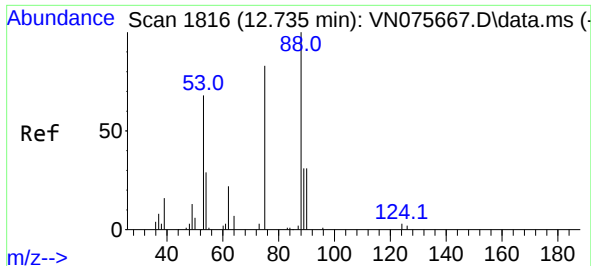
Tgt Ion:152 Resp: 137964
Ion Ratio Lower Upper
152 100
115 57.8 28.4 85.2
150 157.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 24.589 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

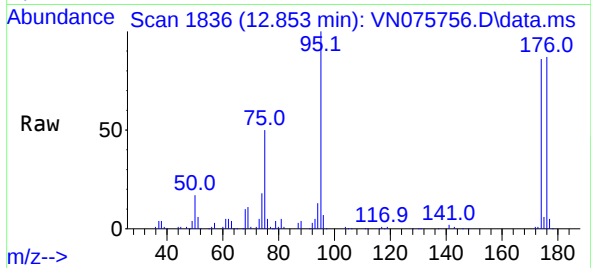
Tgt Ion: 75 Resp: 68127
Ion Ratio Lower Upper
75 100
77 1.1 81.8 245.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.495 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
TB-01-121222



Tgt Ion: 75 Resp: 68127
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#

