

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075799.D
 Acq On : 15 Dec 2022 04:51
 Operator : JC\MD
 Sample : N5990-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-44

Quant Time: Dec 15 07:44:55 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)

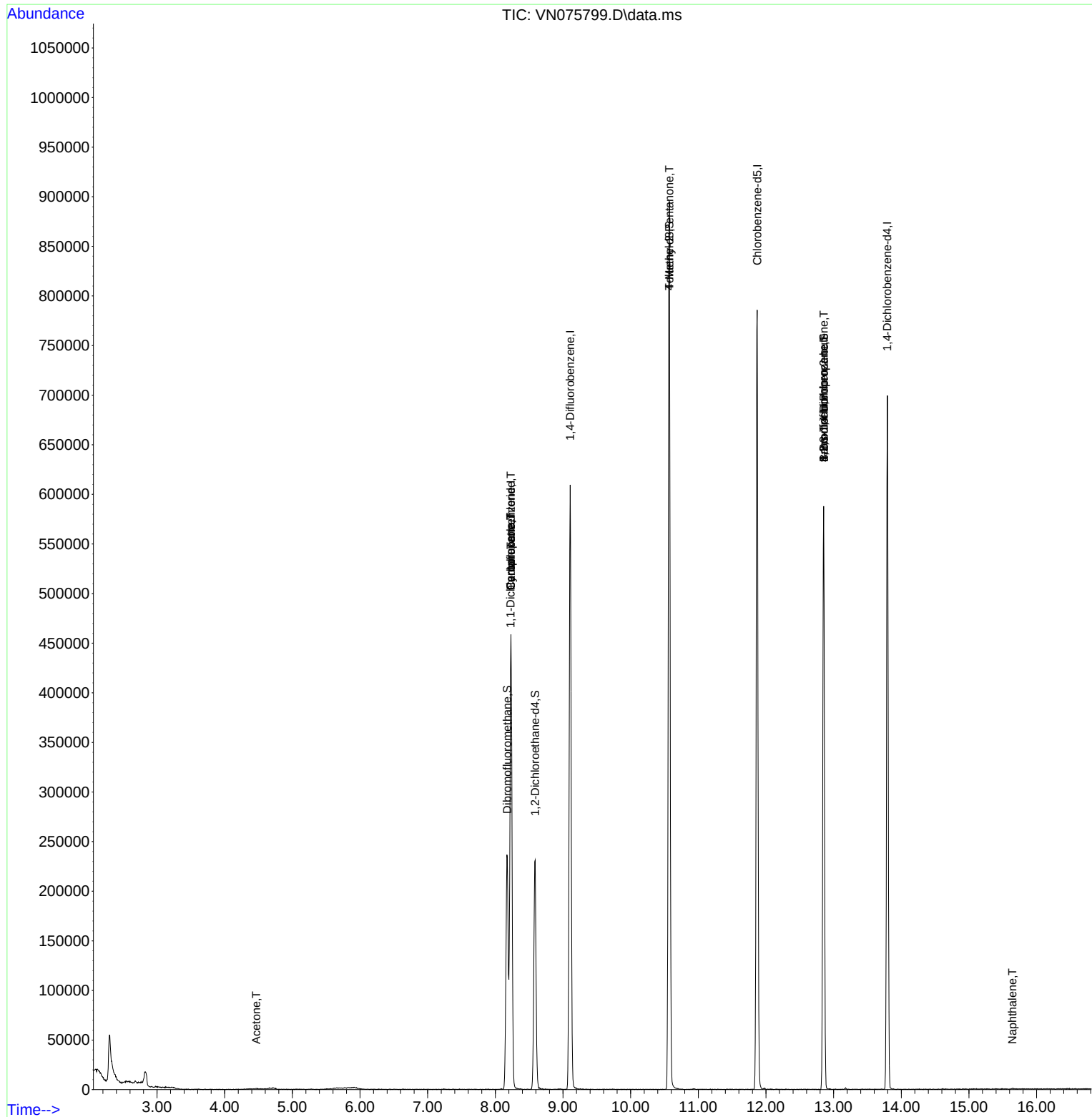
Internal Standards						
1) Pentafluorobenzene	8.230	168	354484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	558202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	484446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	188008	48.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.500%
35) Dibromofluoromethane	8.177	113	169910	49.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	10.571	98	642008	49.672	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.853	95	197223	46.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.140%
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	430	0.323	ug/l #	39
20) Methylene Chloride	5.283	84	95	Below Cal	#	41
31) Cyclohexane	8.230	56	6409	1.160	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	24872	5.416	ug/l #	49
38) Carbon Tetrachloride	8.230	117	35602	6.927	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2308	0.627	ug/l #	1
71) Bromoform	12.853	173	1686	0.629	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	102767	25.680	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	102767	92.435	ug/l #	12
95) Naphthalene	15.641	128	967	2.263	ug/l #	69

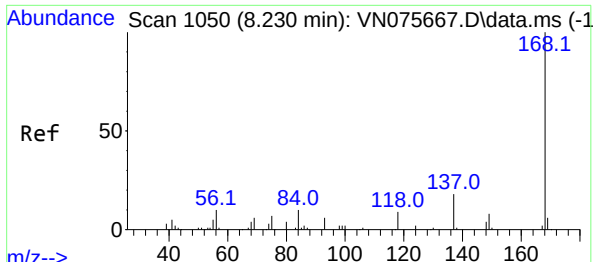
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

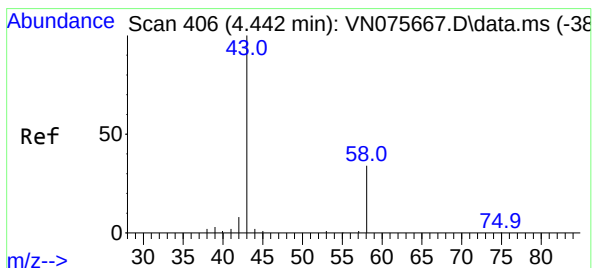
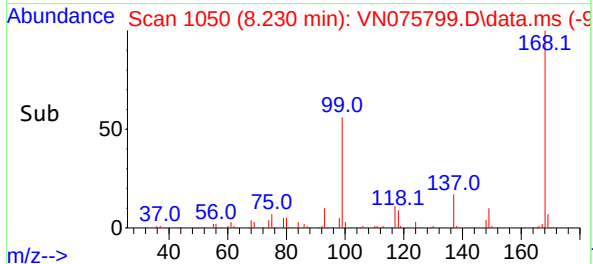
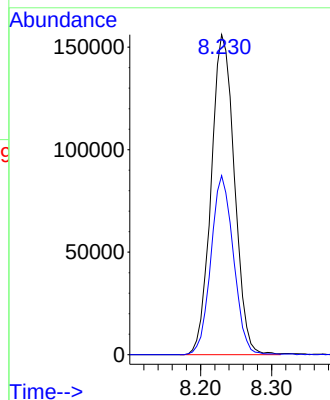
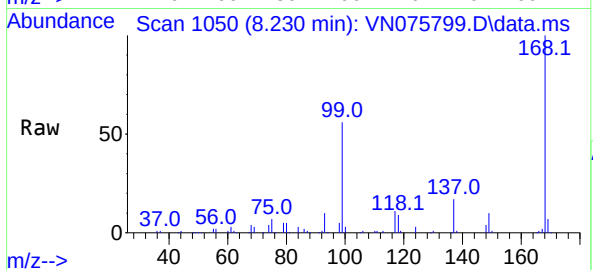




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

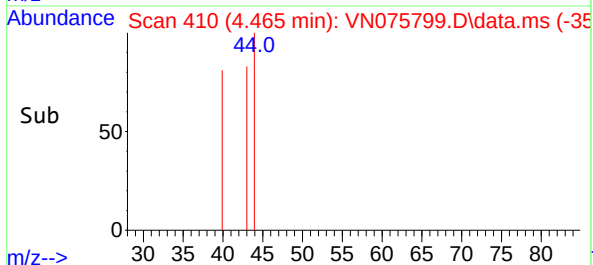
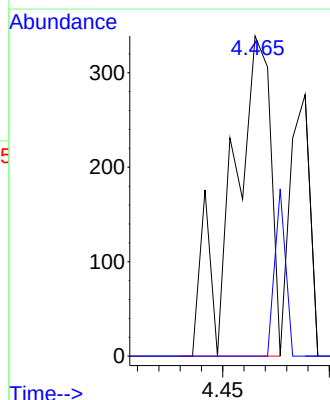
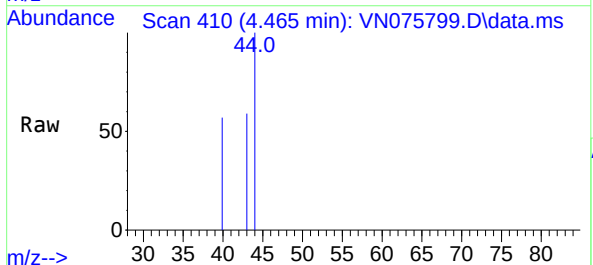
Instrument :
MSVOA_N
ClientSampleId :
MW-44

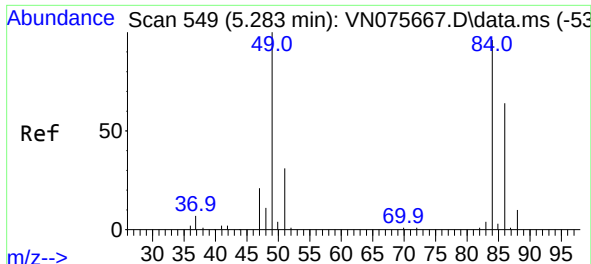
Tgt Ion:168 Resp: 354484
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#16
Acetone
Concen: 0.323 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.024 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

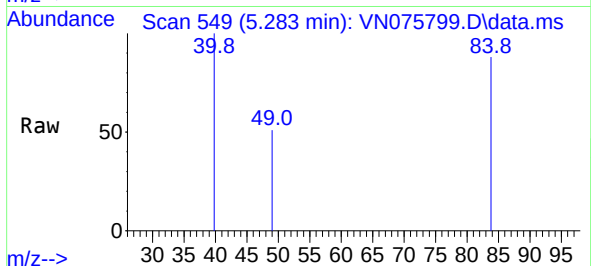
Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#





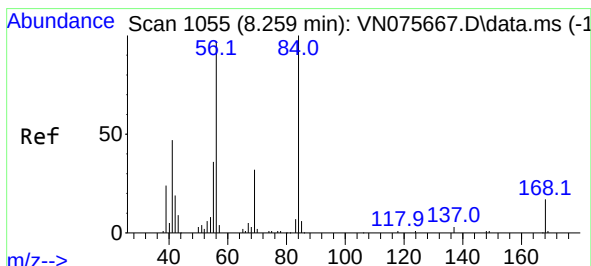
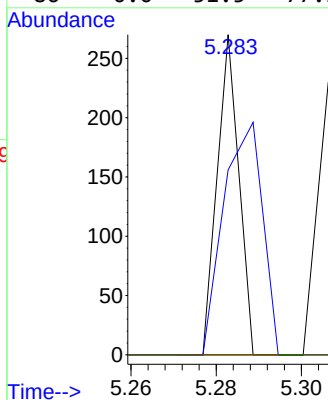
#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

Instrument :
MSVOA_N
ClientSampleId :
MW-44

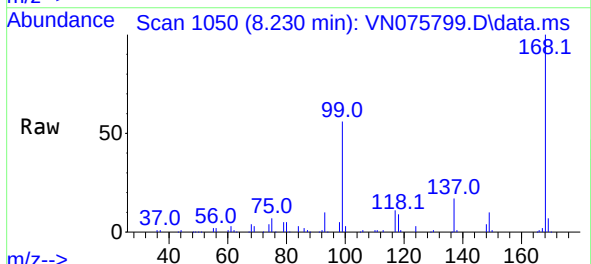


Tgt Ion: 84 Resp: 95

Ion	Ratio	Lower	Upper
84	100		
49	57.8	81.8	122.6#
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#

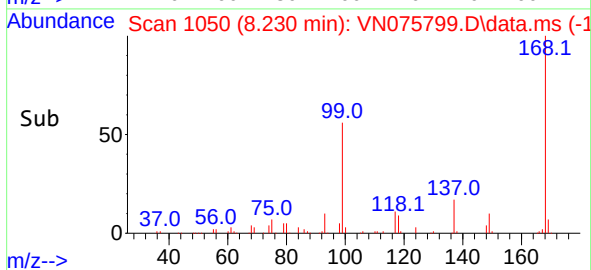
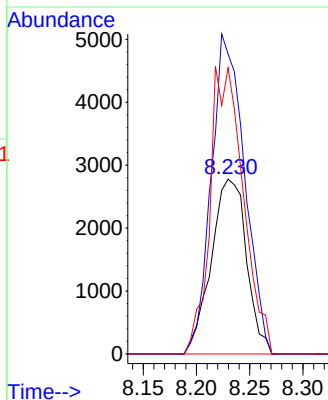


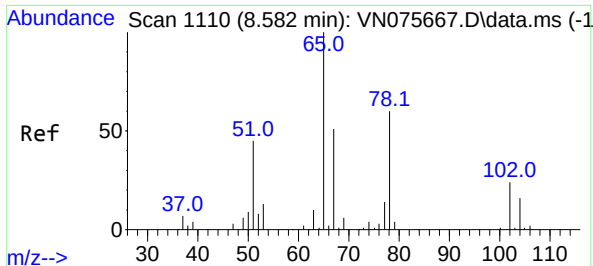
#31
Cyclohexane
Concen: 1.160 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51



Tgt Ion: 56 Resp: 6409

Ion	Ratio	Lower	Upper
56	100		
69	171.5	24.7	37.1#
84	163.6	76.5	114.7#

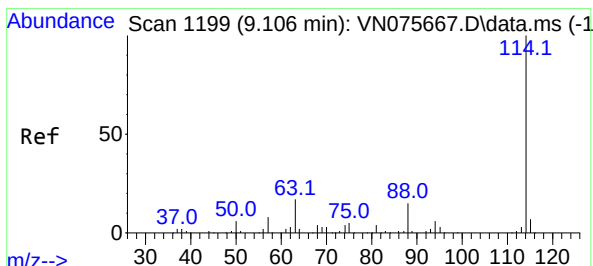
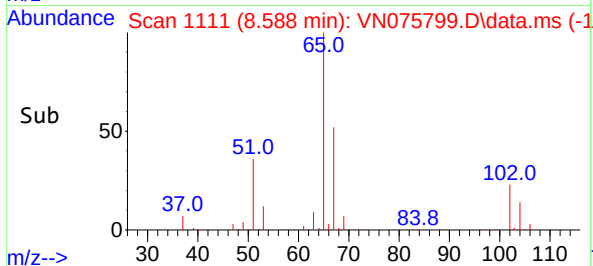
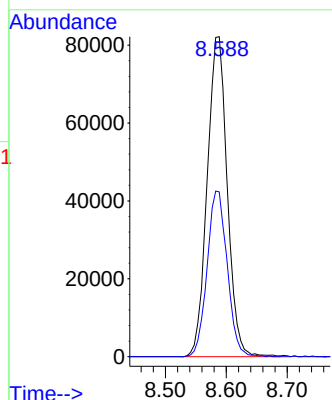
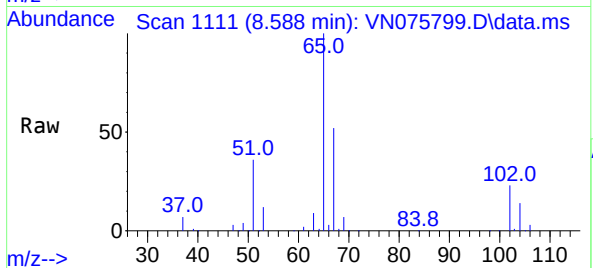




#33
1,2-Dichloroethane-d4
Concen: 48.752 ug/l
RT: 8.588 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

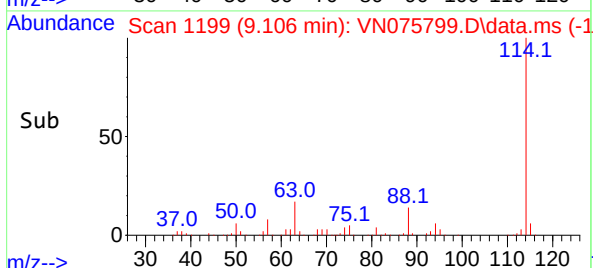
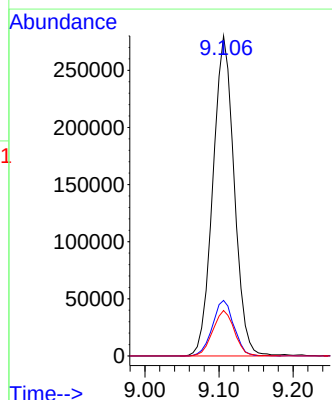
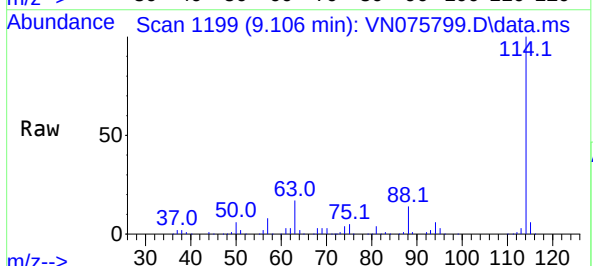
Instrument :
MSVOA_N
ClientSampleId :
MW-44

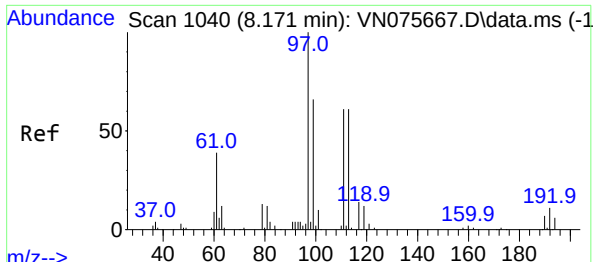
Tgt Ion: 65 Resp: 188008
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

Tgt Ion: 114 Resp: 558202
Ion Ratio Lower Upper
114 100
63 17.4 0.0 34.4
88 14.2 0.0 28.8

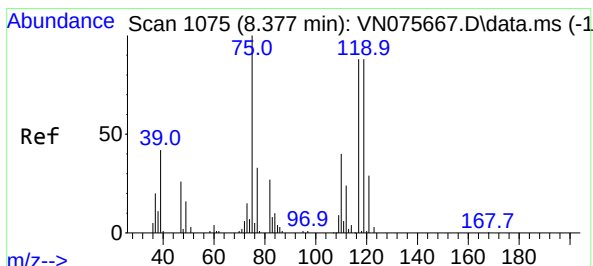
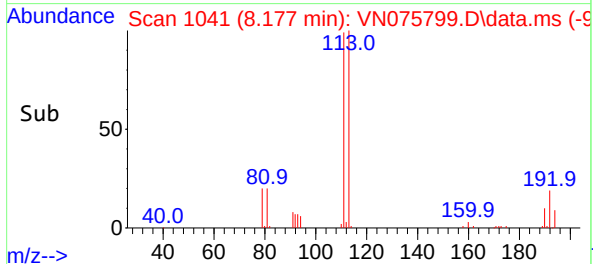
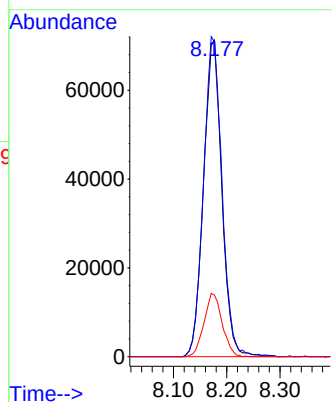
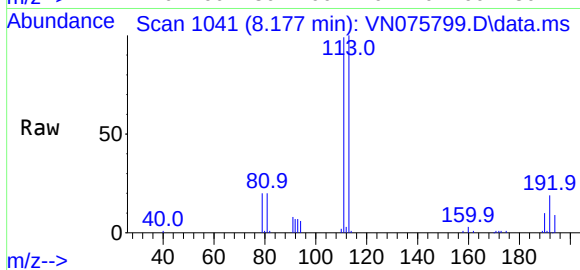




#35
Dibromofluoromethane
Concen: 49.151 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

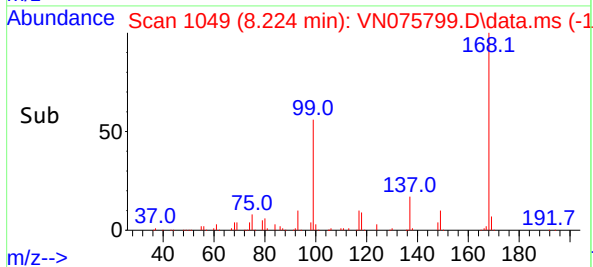
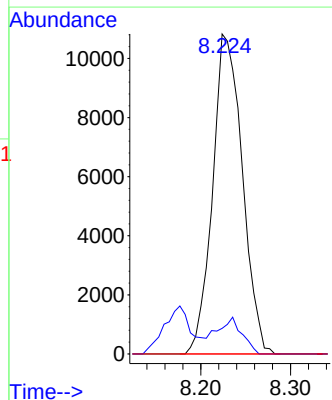
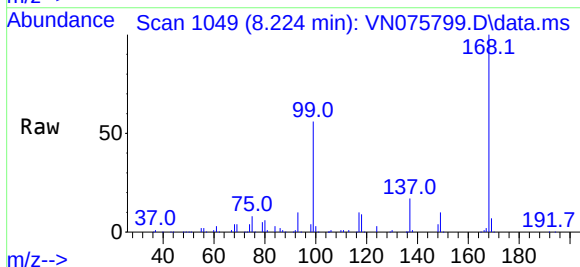
Instrument :
MSVOA_N
ClientSampleId :
MW-44

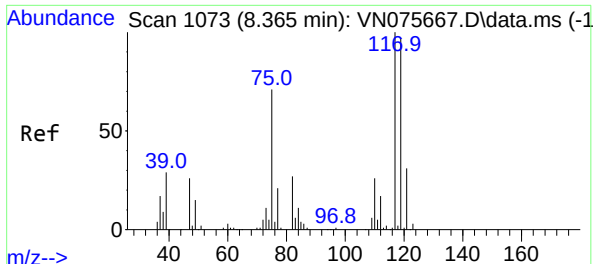
Tgt Ion:113 Resp: 169910
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 19.9 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.416 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

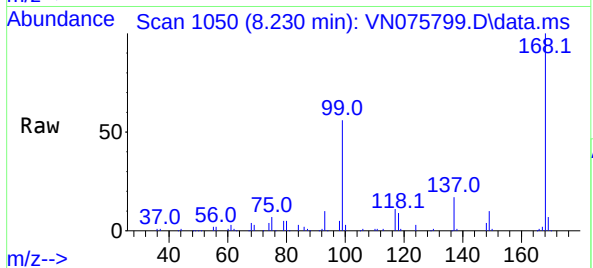
Tgt Ion: 75 Resp: 24872
Ion Ratio Lower Upper
75 100
110 9.6 18.8 56.4#
77 0.0 24.1 36.1#



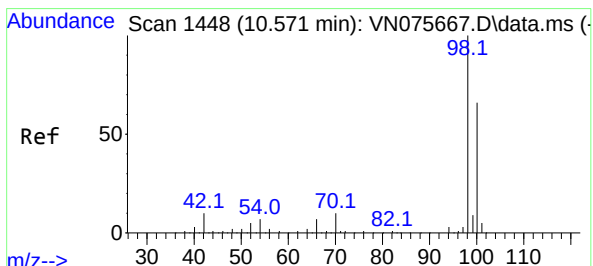
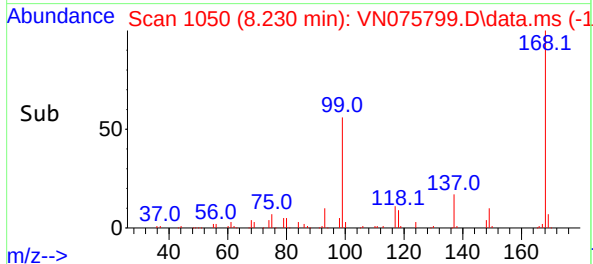
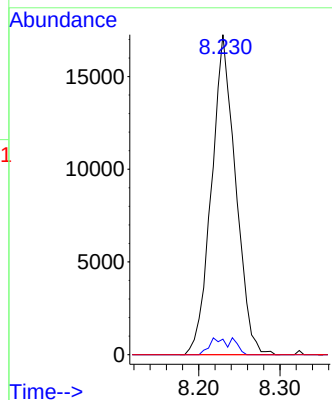


#38
Carbon Tetrachloride
Concen: 6.927 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

Instrument :
MSVOA_N
ClientSampleId :
MW-44

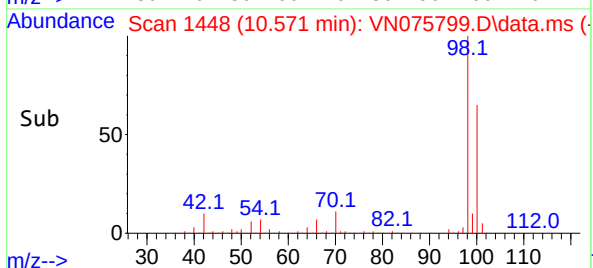
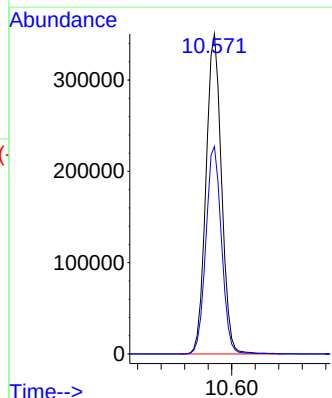
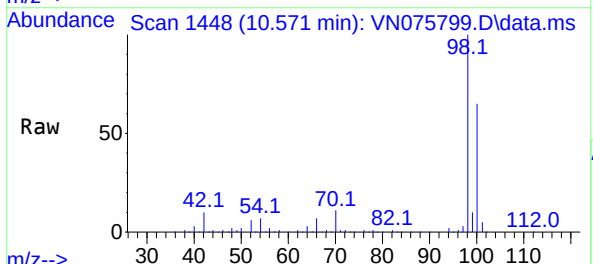


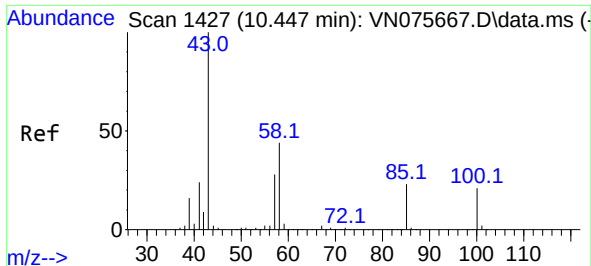
Tgt Ion:117 Resp: 35602
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.672 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

Tgt Ion: 98 Resp: 642008
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

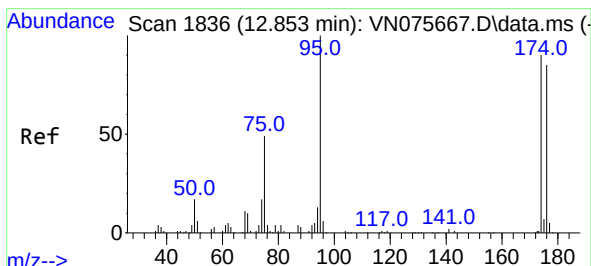
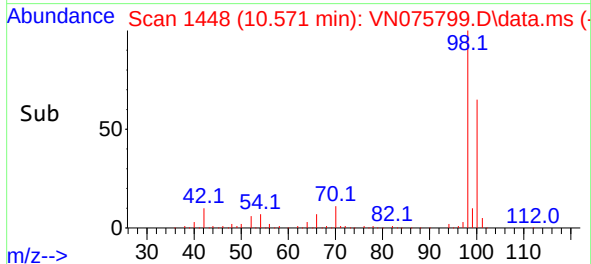
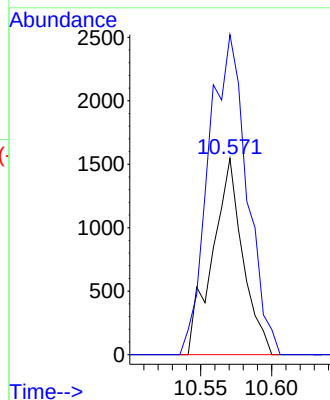
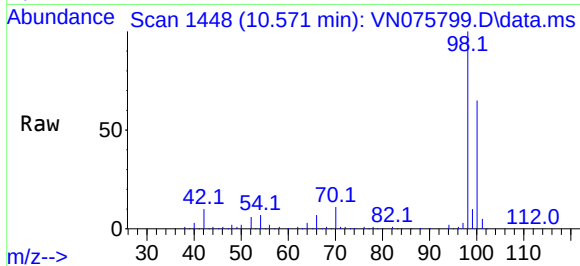




#51
4-Methyl-2-Pentanone
Concen: 0.627 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.124 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

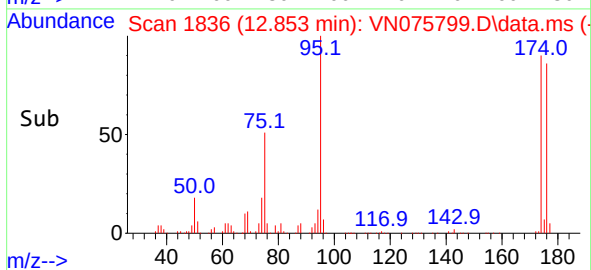
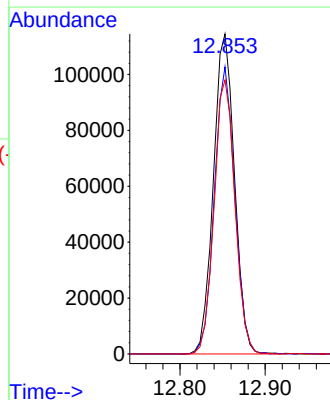
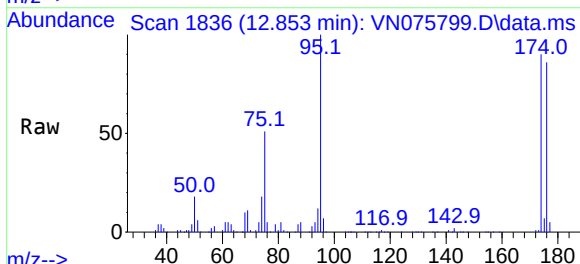
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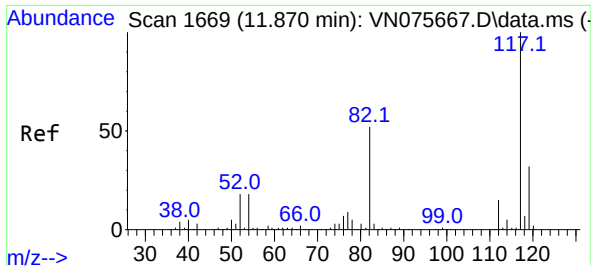
Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
58 205.4 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 46.071 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

Tgt Ion: 95 Resp: 197223
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.6
176 84.4 0.0 169.2

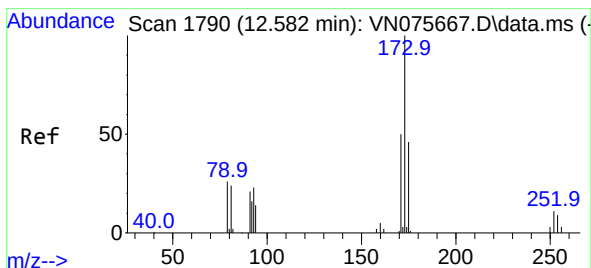
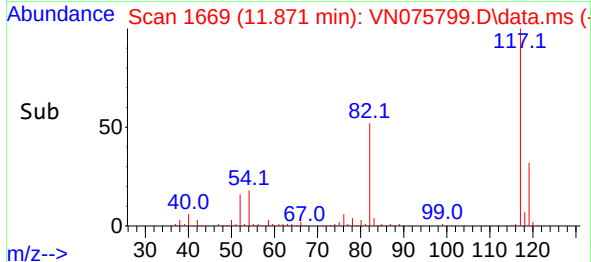
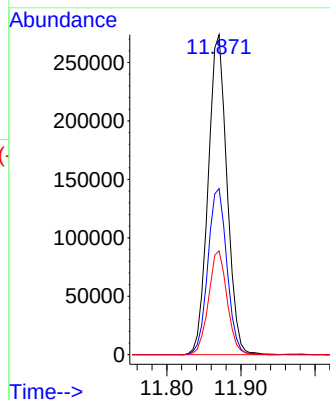
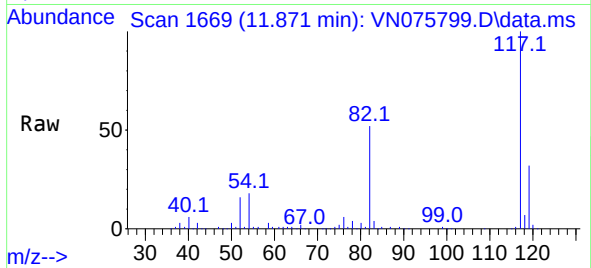




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

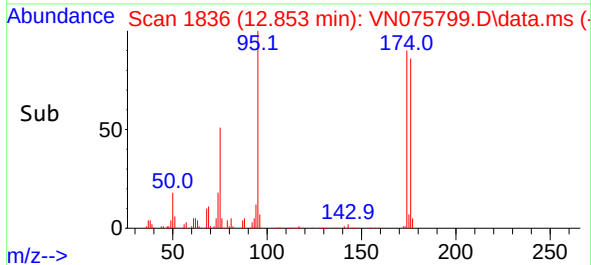
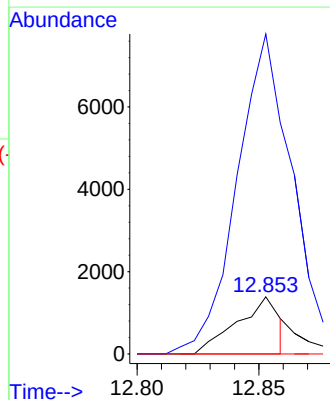
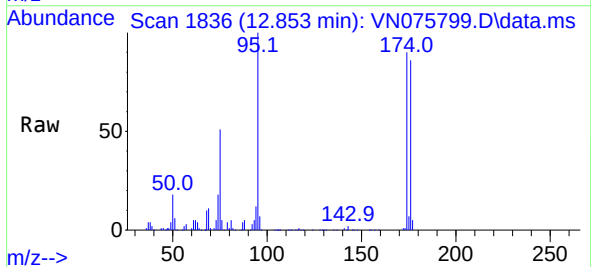
Instrument :
MSVOA_N
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MW-44

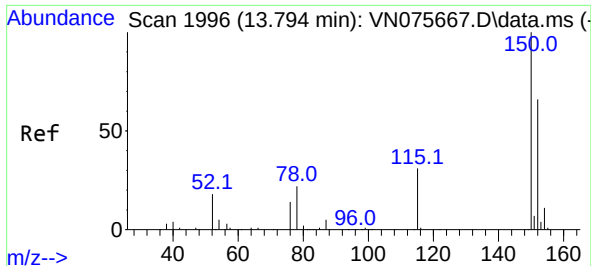
Tgt Ion:117 Resp: 484446
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 32.4 24.6 37.0



#71
Bromoform
Concen: 0.629 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

Tgt Ion:173 Resp: 1686
Ion Ratio Lower Upper
173 100
175 573.3 24.3 72.8#
254 0.0 0.0 0.0

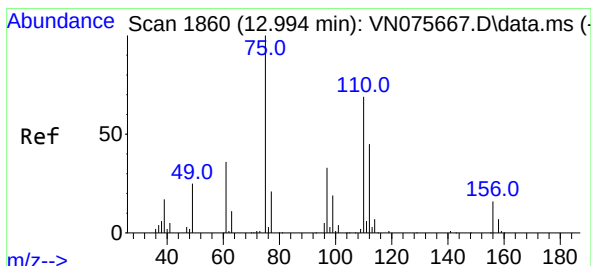
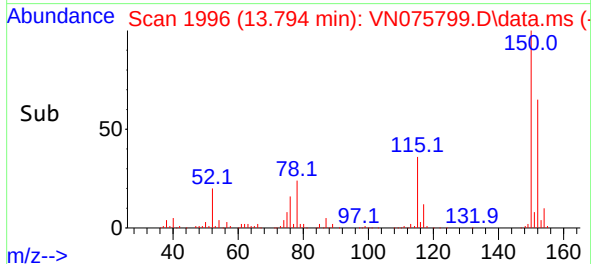
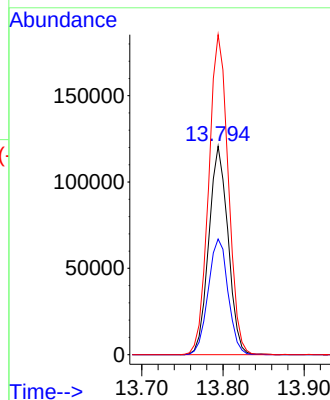
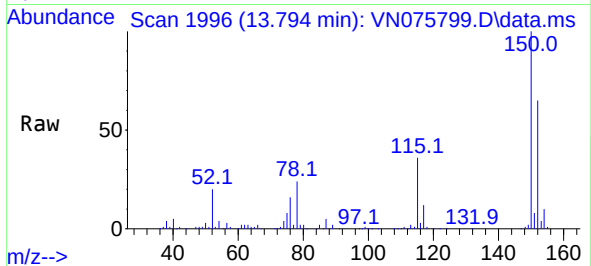




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

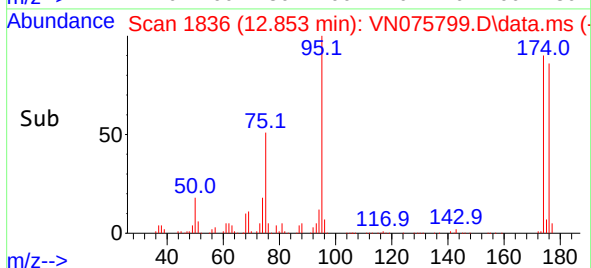
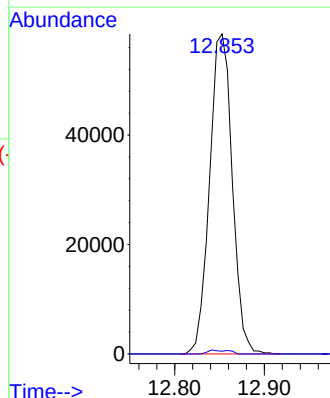
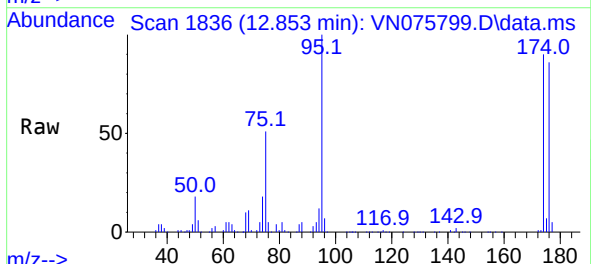
Instrument :
MSVOA_N
ClientSampleId :
MW-44

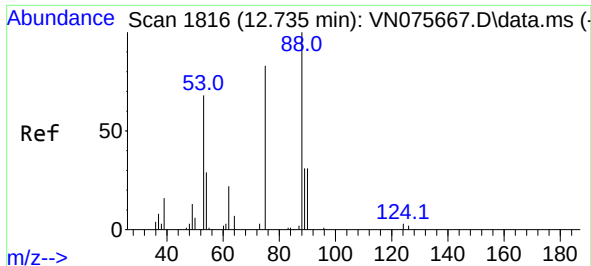
Tgt Ion:152 Resp: 198527
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.4
150 156.4 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 25.680 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

Tgt Ion: 75 Resp: 102767
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

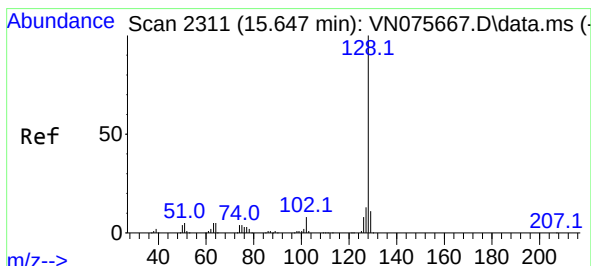
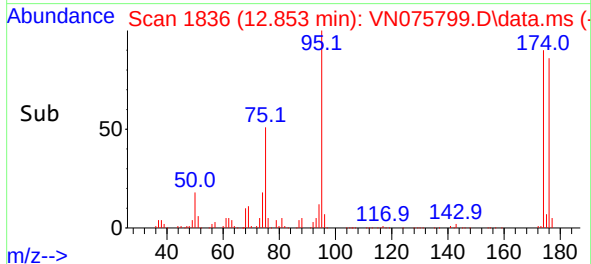
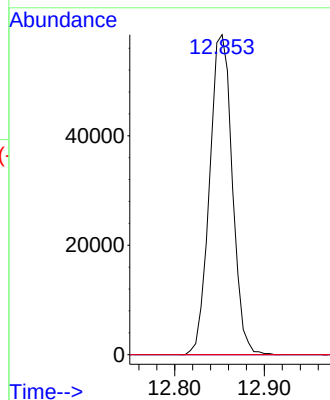
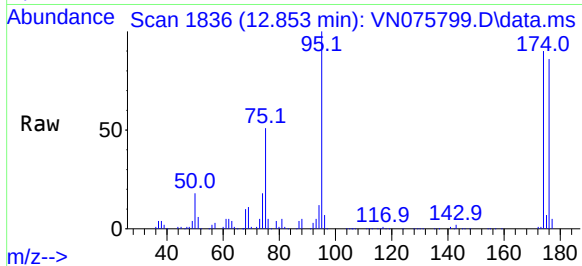




#81
trans-1,4-Dichloro-2-butene
Concen: 92.435 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

Instrument :
MSVOA_N
ClientSampleId :
MW-44

Tgt Ion: 75 Resp: 102767
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.263 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075799.D
Acq: 15 Dec 2022 04:51

Tgt Ion:128 Resp: 967
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

