

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075727.D
 Acq On : 12 Dec 2022 20:53
 Operator : JC\MD
 Sample : N5989-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26

Quant Time: Dec 13 01:35:29 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)

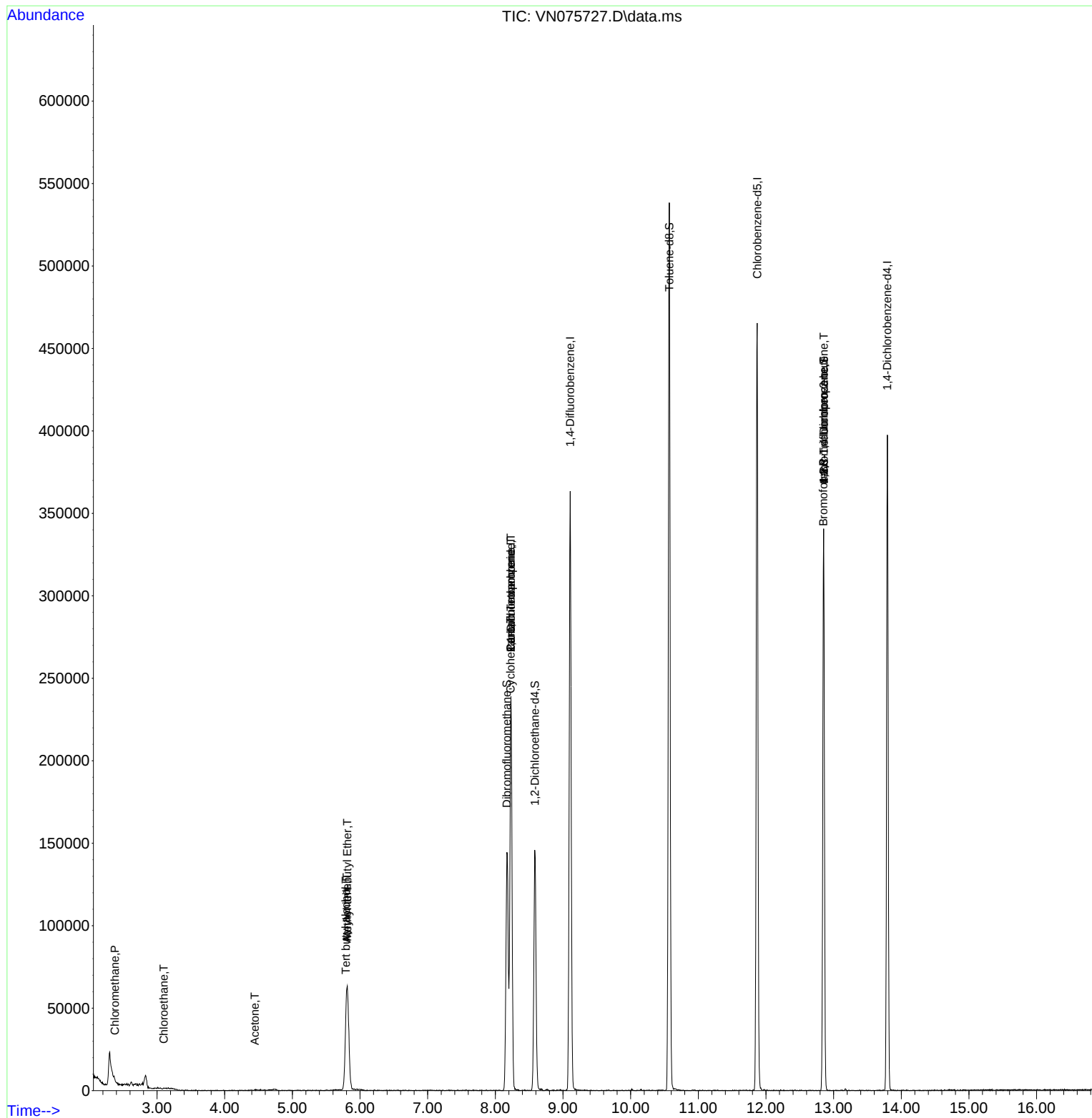
Internal Standards						
1) Pentafluorobenzene	8.230	168	185274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	331964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	285921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116792	59.412	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.820%	
35) Dibromofluoromethane	8.171	113	103916	51.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	10.571	98	382738	50.320	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	12.853	95	113866	43.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	378	0.233	ug/l #	40
6) Chloroethane	3.100	64	306	0.206	ug/l #	43
11) Tert butyl alcohol	5.789	59	91	0.313	ug/l #	72
15) Acrylonitrile	5.806	53	1087	1.447	ug/l #	25
16) Acetone	4.447	43	312	0.469	ug/l #	41
19) Methyl tert-butyl Ether	5.812	73	113239	21.209	ug/l	99
31) Cyclohexane	8.224	56	3398	1.167	ug/l #	34
36) 1,1-Dichloropropene	8.230	75	12899	4.796	ug/l #	47
38) Carbon Tetrachloride	8.230	117	18864	6.078	ug/l #	14
71) Bromoform	12.847	173	899	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	57973	25.407	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	57973	81.018	ug/l #	13

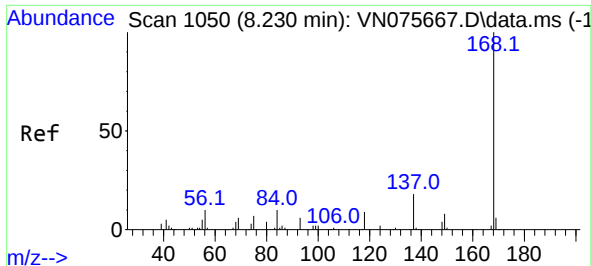
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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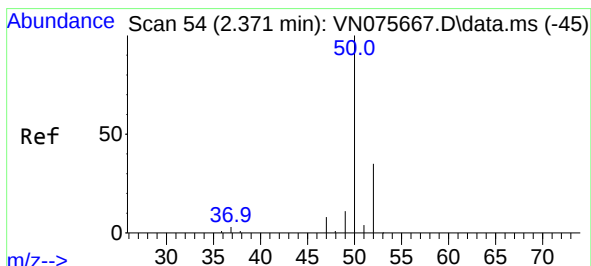
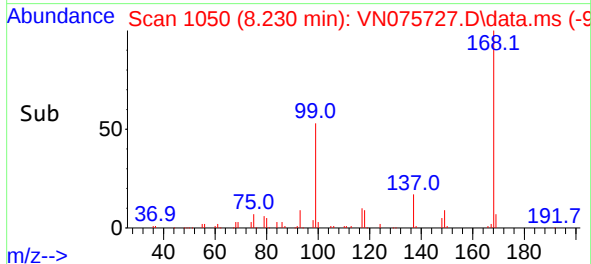
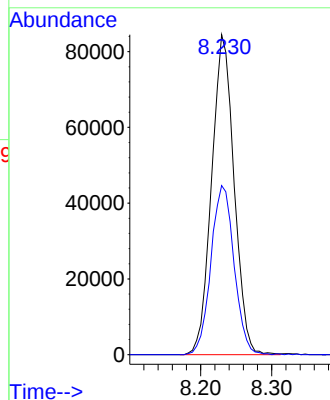
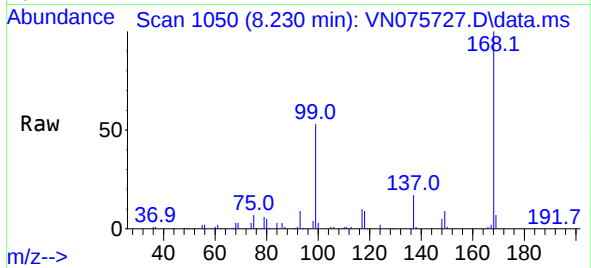




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

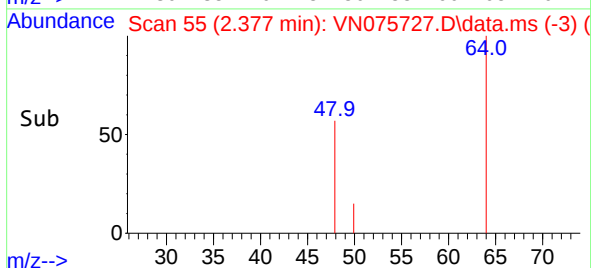
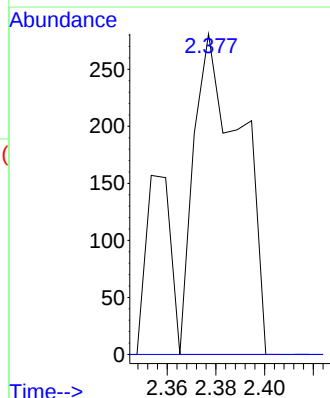
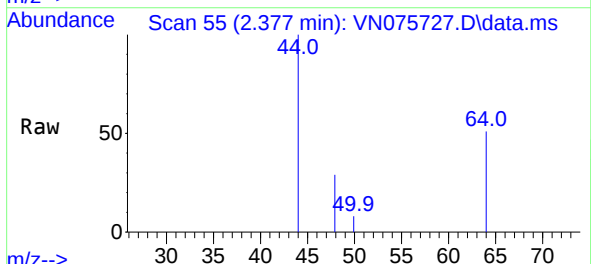
Instrument :
MSVOA_N
ClientSampleId :
MW-26

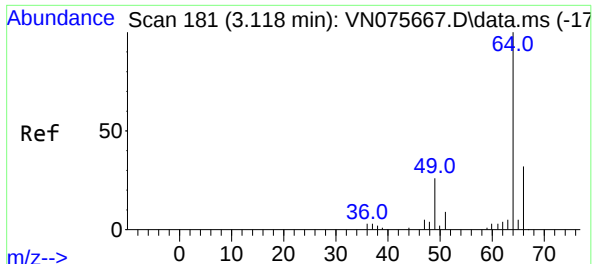
Tgt Ion:168 Resp: 185274
Ion Ratio Lower Upper
168 100
99 52.9 41.2 61.8



#3
Chloromethane
Concen: 0.233 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

Tgt Ion: 50 Resp: 378
Ion Ratio Lower Upper
50 100
52 0.0 27.9 41.9#

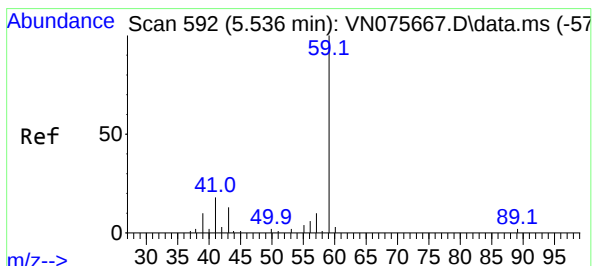
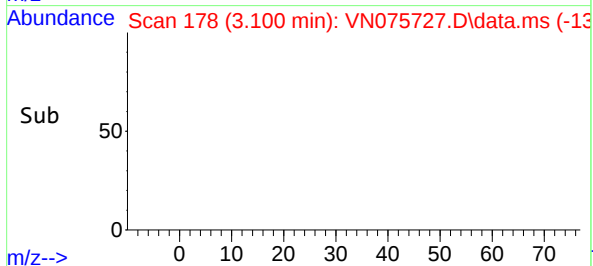
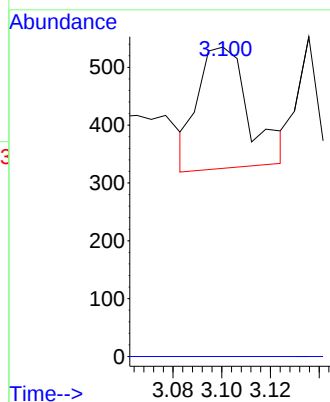
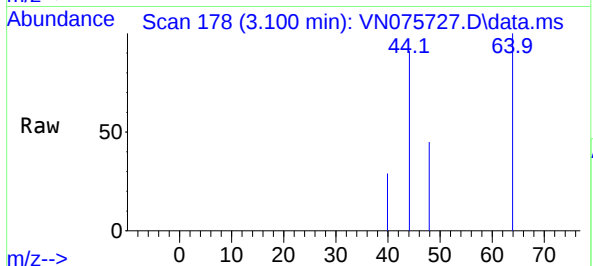




#6
Chloroethane
Concen: 0.206 ug/l
RT: 3.100 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

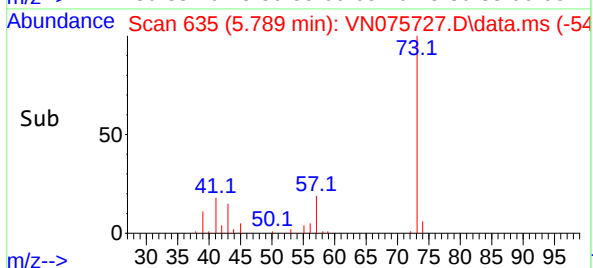
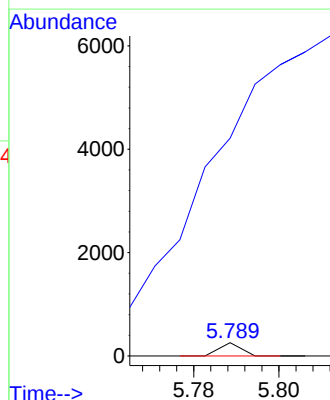
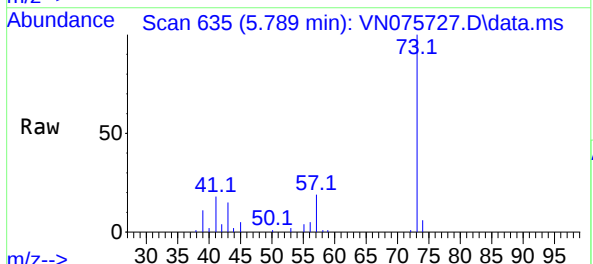
Instrument :
MSVOA_N
ClientSampleId :
MW-26

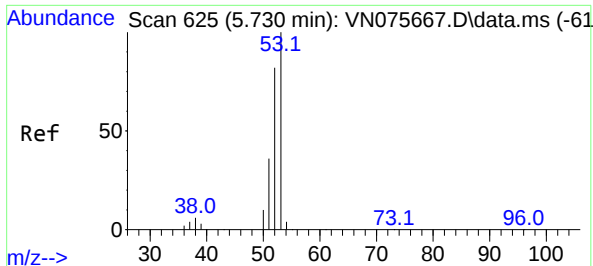
Tgt Ion: 64 Resp: 306
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#11
Tert butyl alcohol
Concen: 0.313 ug/l
RT: 5.789 min Scan# 635
Delta R.T. 0.253 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

Tgt Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

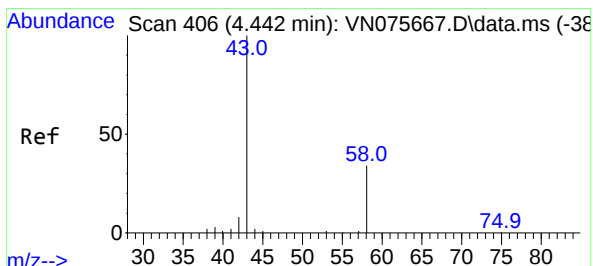
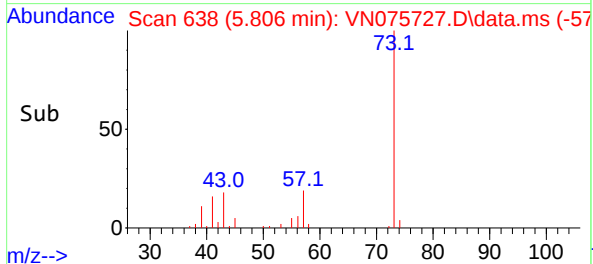
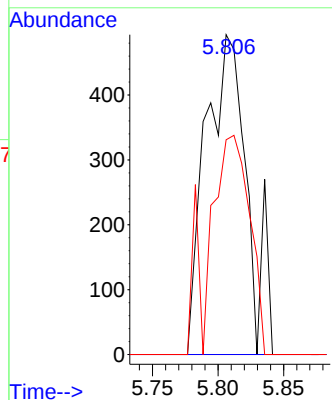
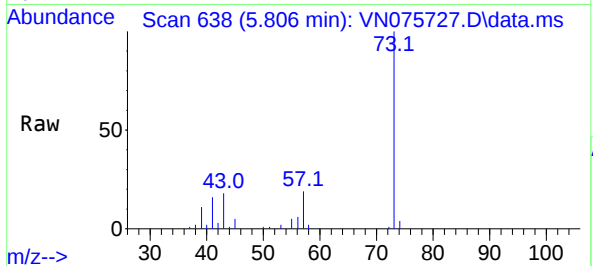




#15
Acrylonitrile
Concen: 1.447 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.076 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

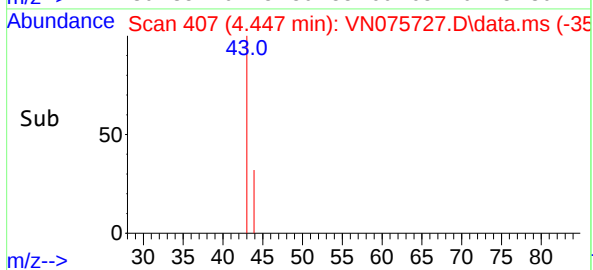
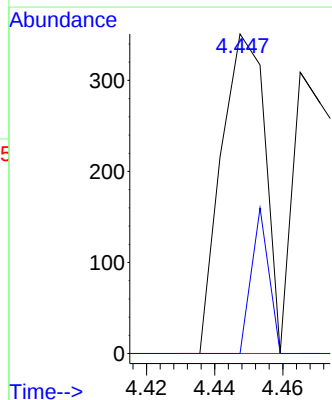
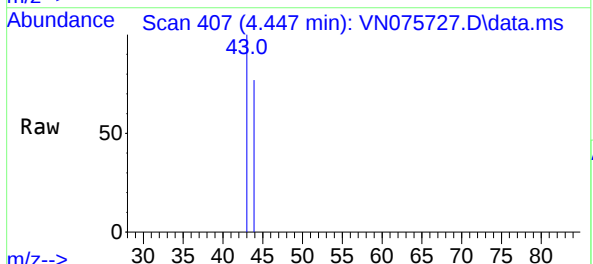
Instrument :
MSVOA_N
ClientSampleId :
MW-26

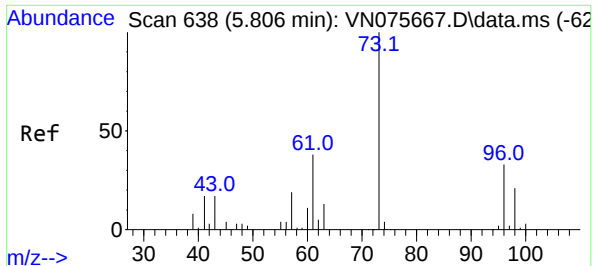
Tgt Ion: 53 Resp: 1087
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.4#
51 58.6 28.9 43.3#



#16
Acetone
Concen: 0.469 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#

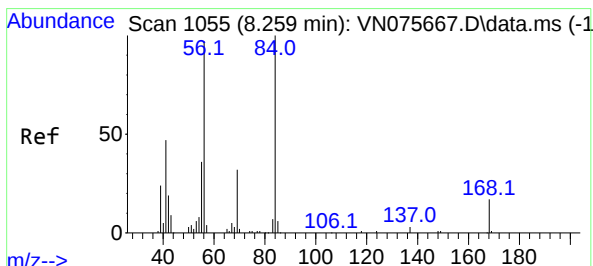
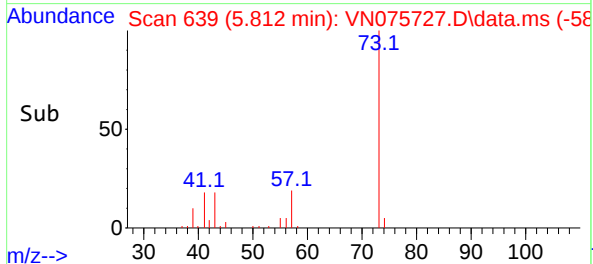
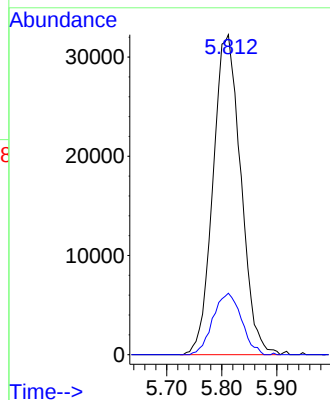
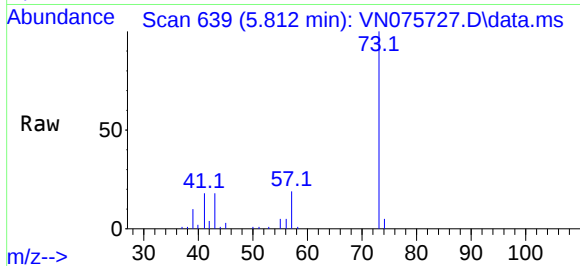




#19
Methyl tert-butyl Ether
Concen: 21.209 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

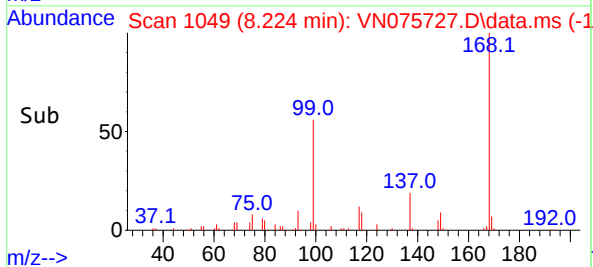
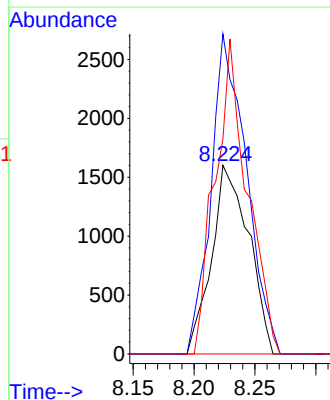
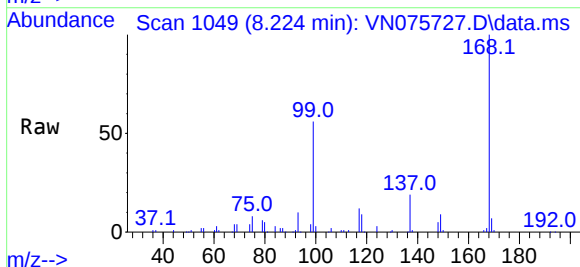
Instrument :
MSVOA_N
ClientSampleId :
MW-26

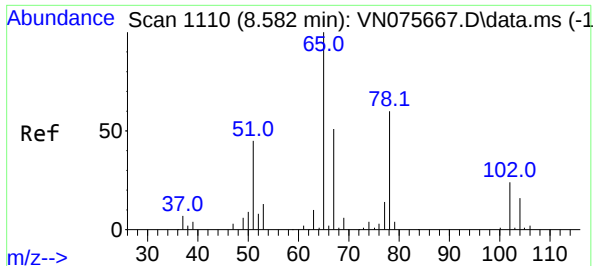
Tgt Ion: 73 Resp: 113239
Ion Ratio Lower Upper
73 100
57 19.2 15.1 22.7



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

Tgt Ion: 56 Resp: 3398
Ion Ratio Lower Upper
56 100
69 169.7 26.2 39.2#
84 113.9 82.8 124.2





#33

1,2-Dichloroethane-d4

Concen: 59.412 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075727.D

Acq: 12 Dec 2022 20:53

Instrument :

MSVOA_N

ClientSampleId :

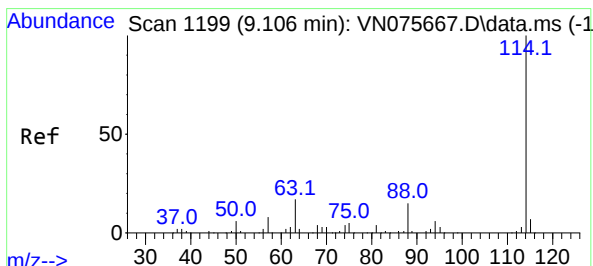
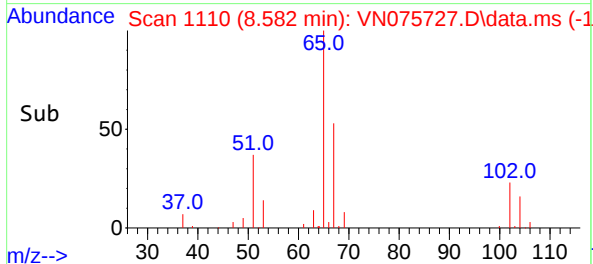
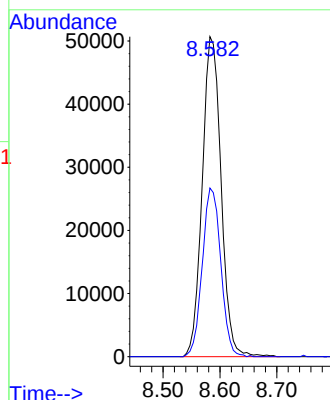
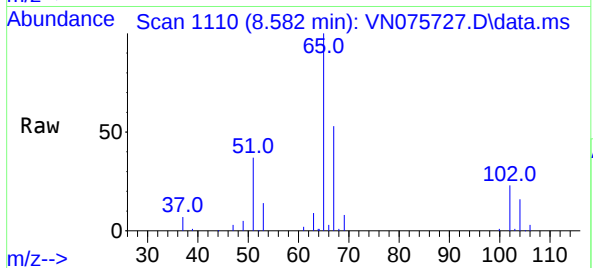
MW-26

Tgt Ion: 65 Resp: 116792

Ion Ratio Lower Upper

65 100

67 51.7 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: VN075727.D

Acq: 12 Dec 2022 20:53

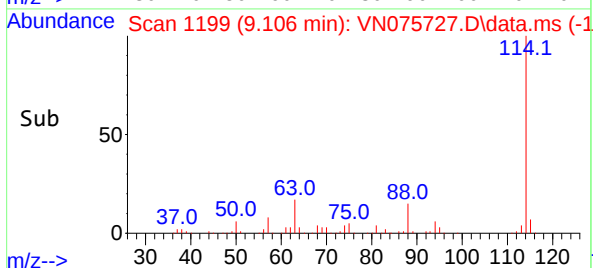
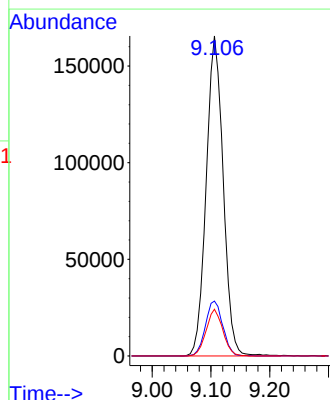
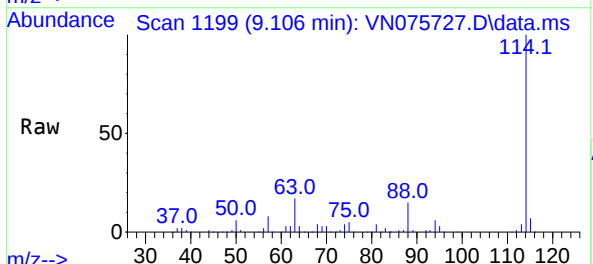
Tgt Ion: 114 Resp: 331964

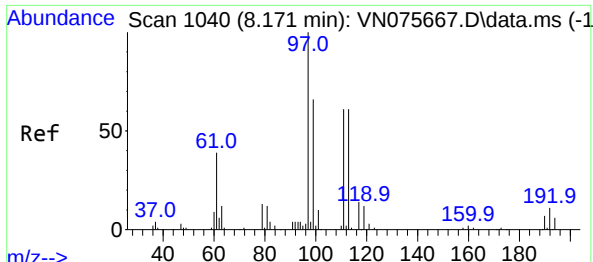
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

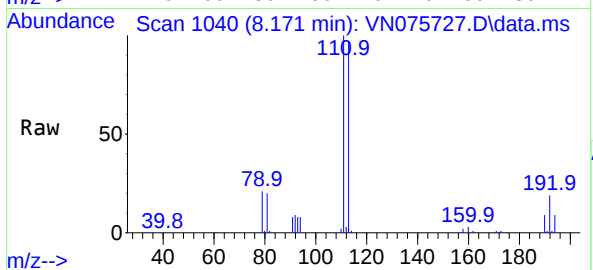
88 14.6 0.0 29.2



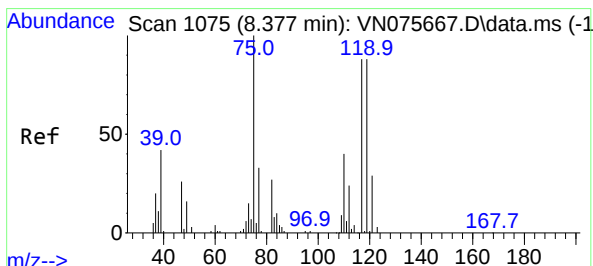
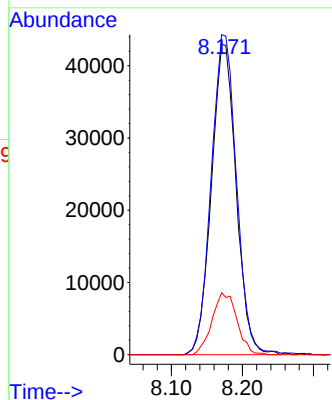
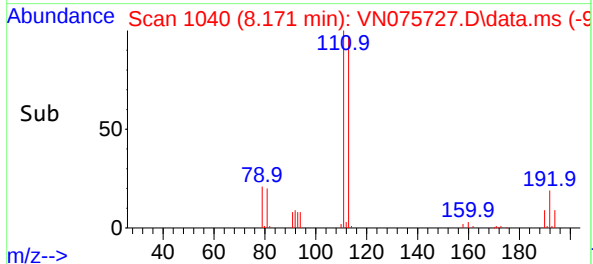


#35
Dibromofluoromethane
Concen: 51.307 ug/l
RT: 8.171 min Scan# 103916
Delta R.T. 0.000 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

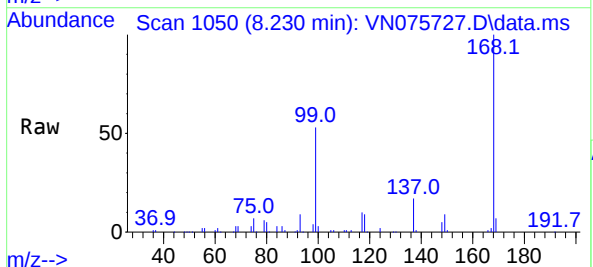
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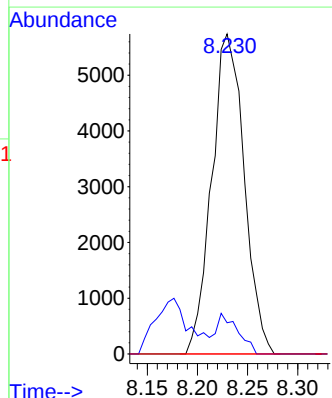
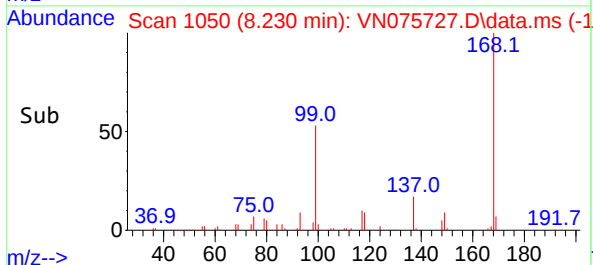
Tgt Ion:113 Resp: 103916
Ion Ratio Lower Upper
113 100
111 105.3 81.0 121.6
192 20.1 16.2 24.2

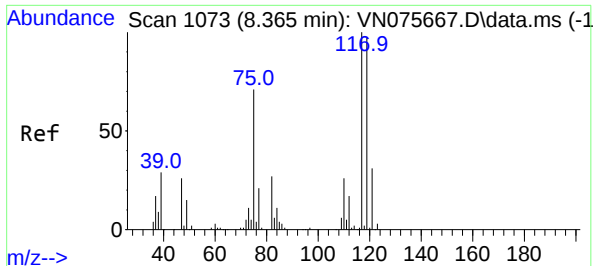


#36
1,1-Dichloropropene
Concen: 4.796 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53



Tgt Ion: 75 Resp: 12899
Ion Ratio Lower Upper
75 100
110 8.4 18.9 56.9#
77 0.0 25.4 38.2#

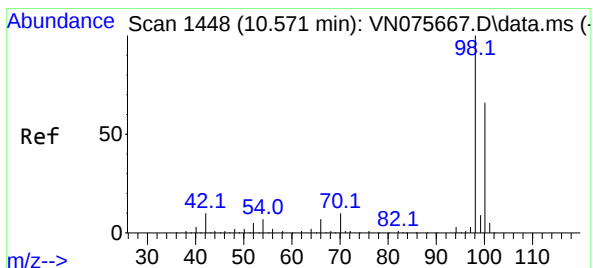
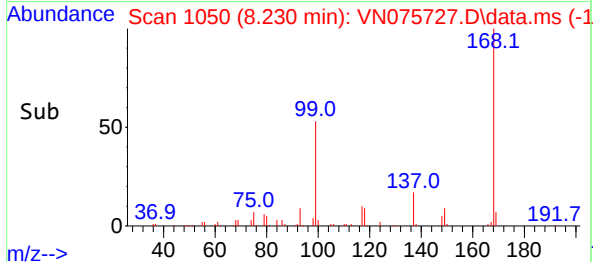
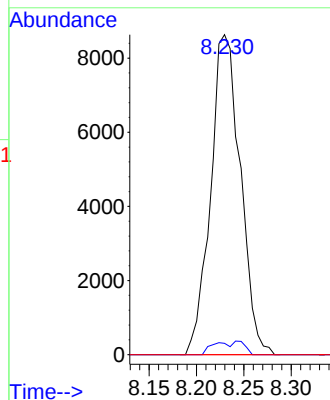
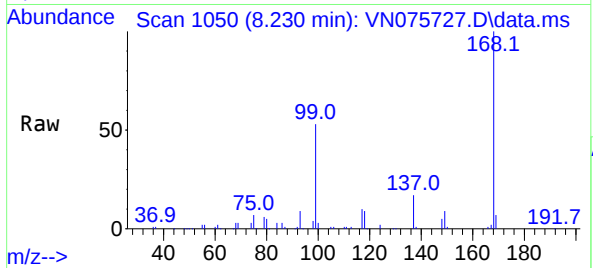




#38
Carbon Tetrachloride
Concen: 6.078 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

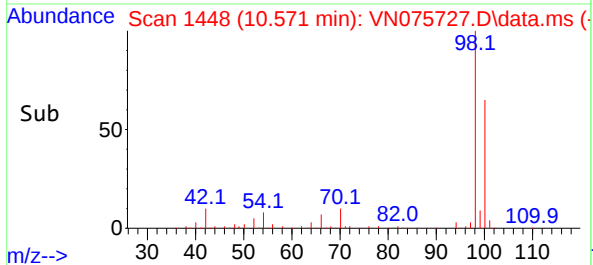
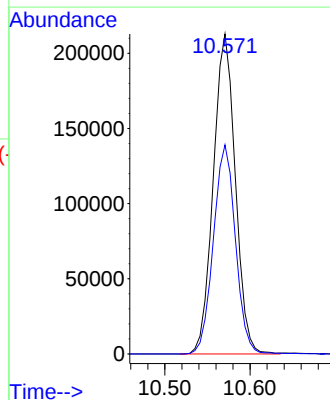
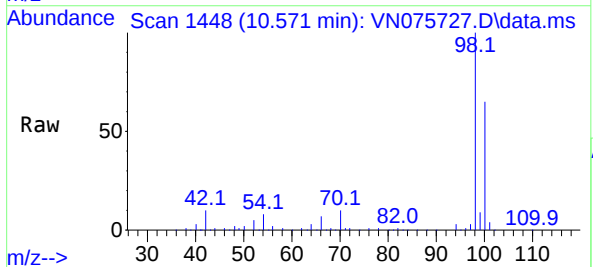
Instrument :
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MW-26

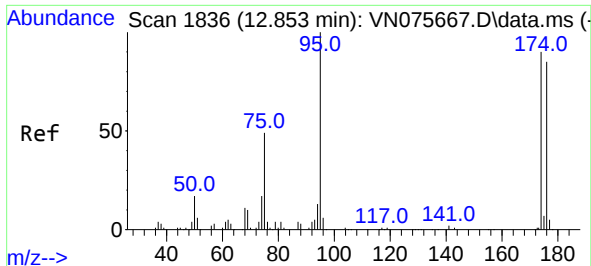
Tgt Ion:117 Resp: 18864
Ion Ratio Lower Upper
117 100
119 3.5 77.2 115.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.320 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

Tgt Ion: 98 Resp: 382738
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

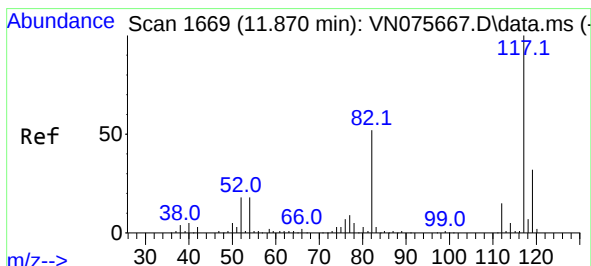
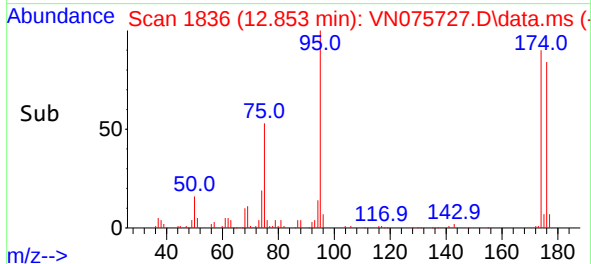
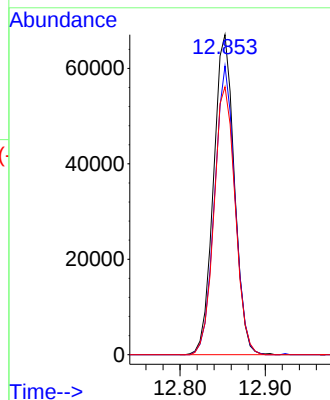
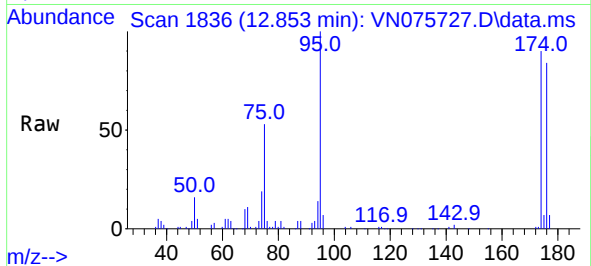




#62
4-Bromofluorobenzene
Concen: 43.785 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

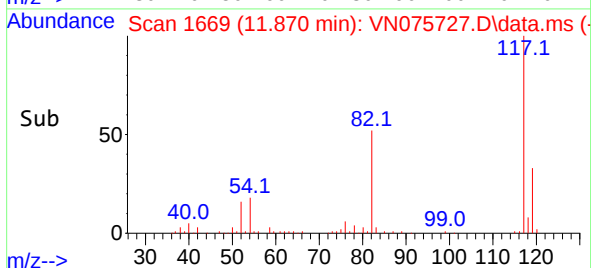
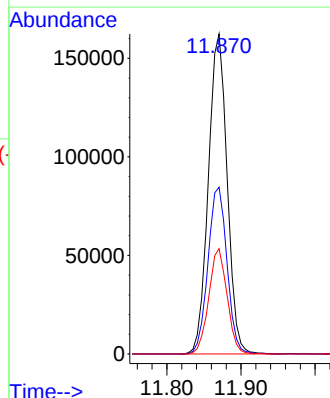
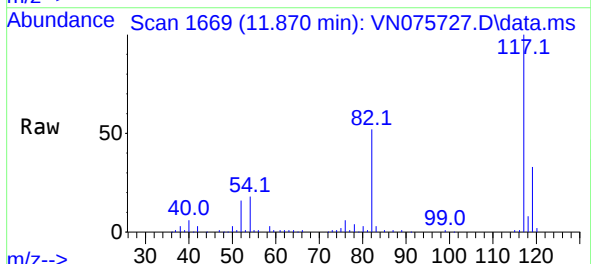
Instrument :
MSVOA_N
ClientSampleId :
MW-26

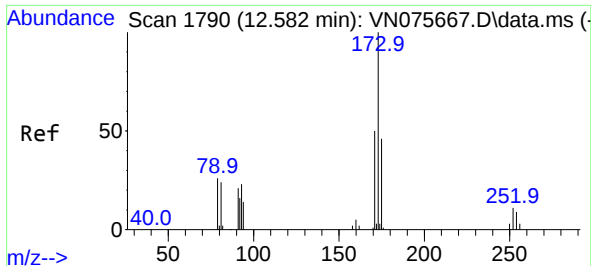
Tgt Ion: 95 Resp: 113866
Ion Ratio Lower Upper
95 100
174 88.1 0.0 178.6
176 85.1 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

Tgt Ion: 117 Resp: 285921
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 32.9 25.8 38.6

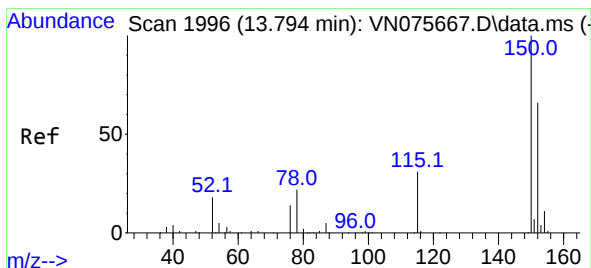
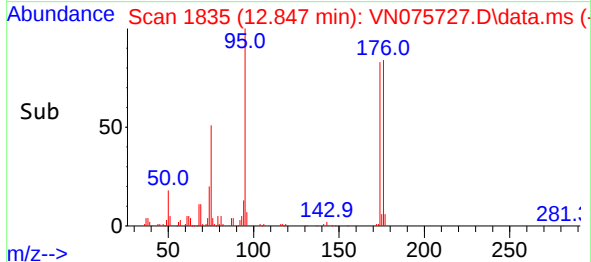
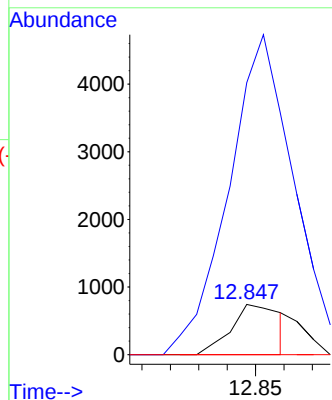
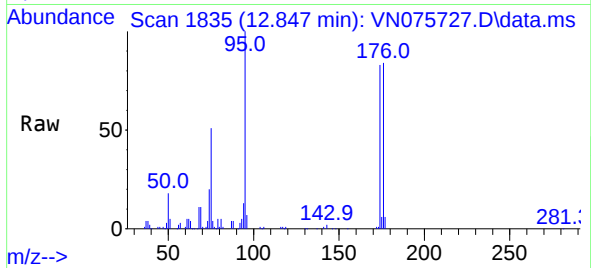




#71
Bromoform
Concen: 0.554 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

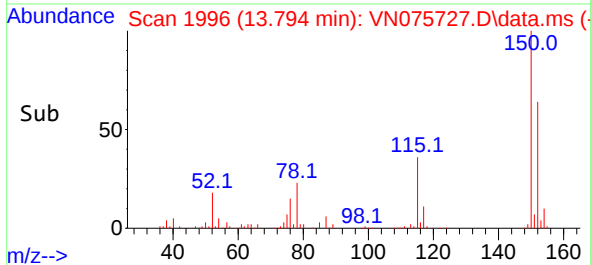
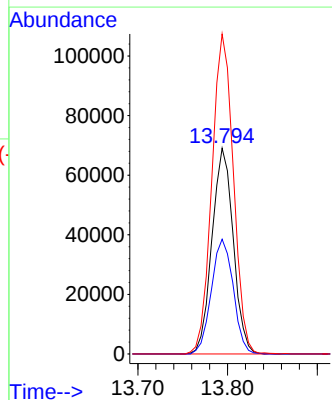
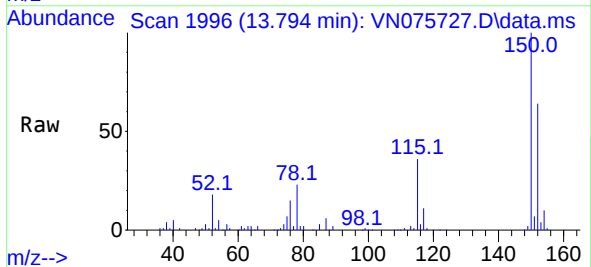
Instrument :
MSVOA_N
ClientSampleId :
MW-26

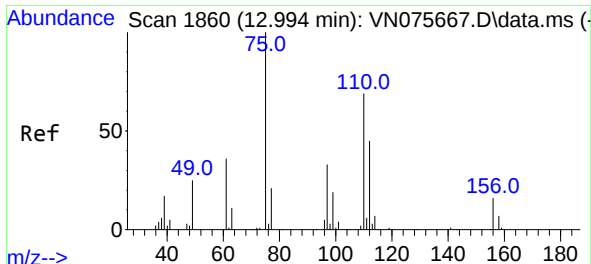
Tgt Ion:173 Resp: 899
Ion Ratio Lower Upper
173 100
175 673.9 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

Tgt Ion:152 Resp: 113619
Ion Ratio Lower Upper
152 100
115 57.3 28.4 85.2
150 157.5 0.0 347.6

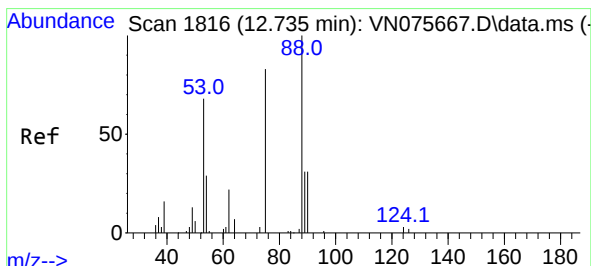
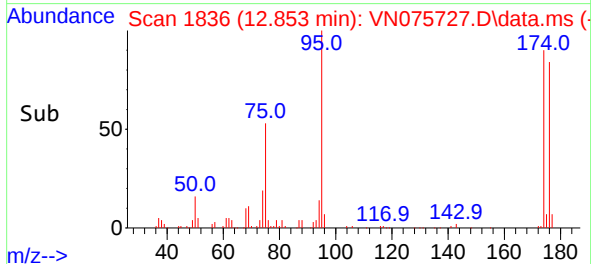
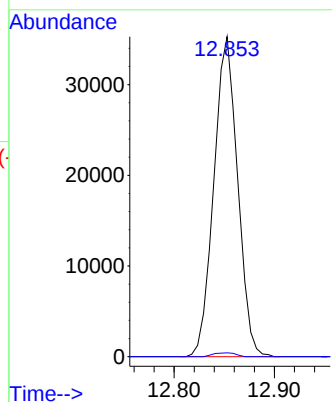
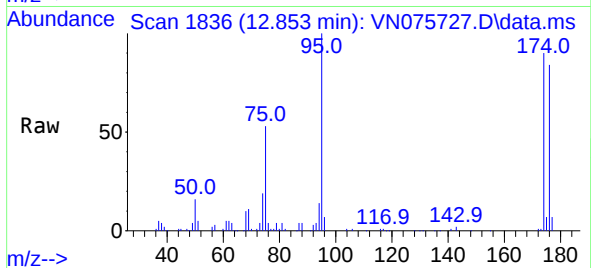




#76
1,2,3-Trichloropropane
Concen: 25.407 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

Instrument :
MSVOA_N
ClientSampleId :
MW-26

Tgt Ion: 75 Resp: 57973
Ion Ratio Lower Upper
75 100
77 1.1 81.8 245.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.018 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

Tgt Ion: 75 Resp: 57973
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#

