

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079477.D
 Acq On : 09 Oct 2023 17:12
 Operator : JC\MD
 Sample : 04740-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FW9D

Quant Time: Oct 09 23:18:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

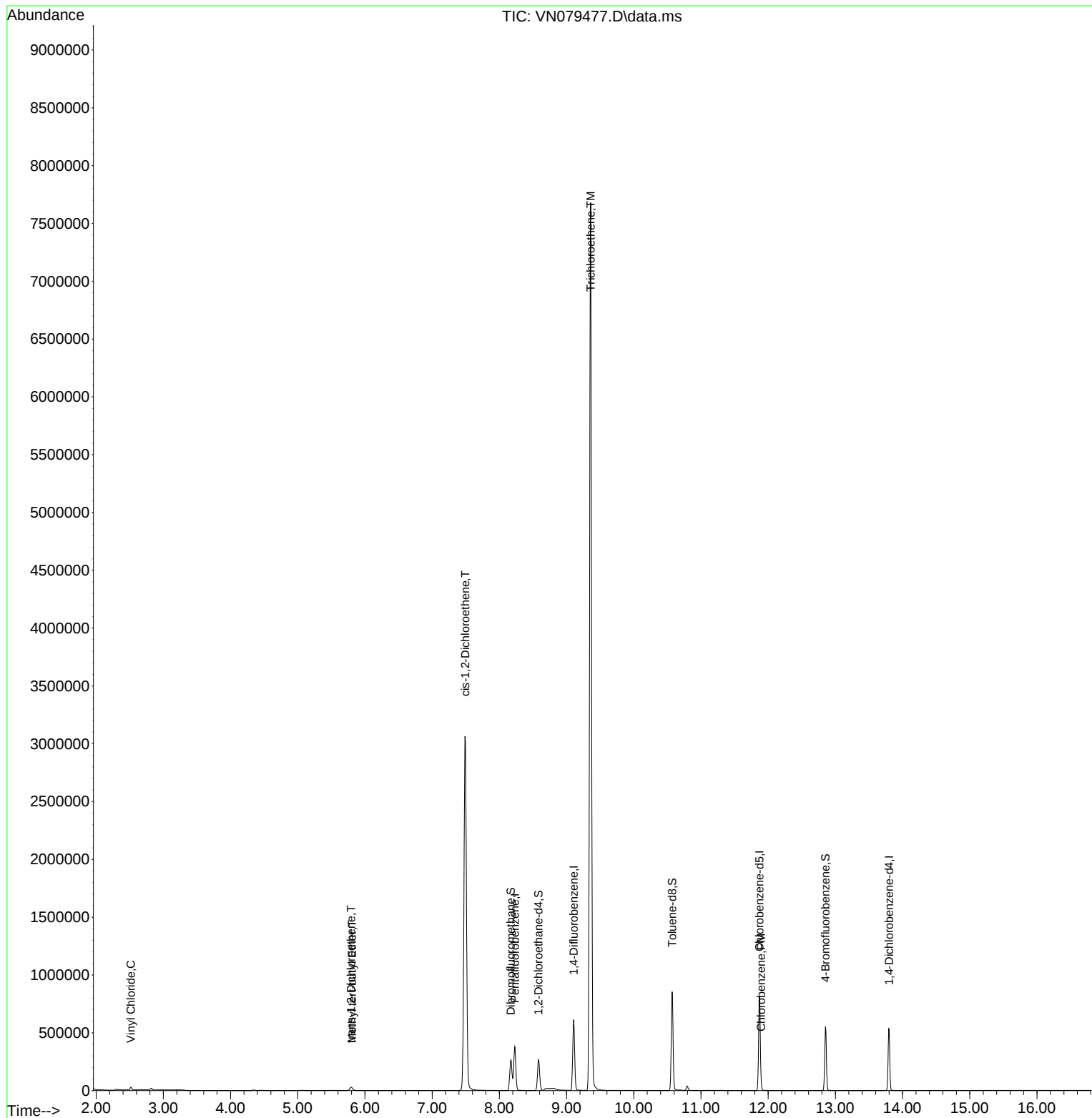
Internal Standards						
1) Pentafluorobenzene	8.229	168	263492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	505276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	454182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	137771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	215534	50.449	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.900%	
35) Dibromofluoromethane	8.171	113	189850	52.284	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.560%	
50) Toluene-d8	10.571	98	584394	44.480	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 88.960%	
62) 4-Bromofluorobenzene	12.853	95	184029	43.646	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.300%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	22682	4.629	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	12464	1.232	ug/l #	90
21) trans-1,2-Dichloroethene	5.794	96	12975	3.568	ug/l #	80
27) cis-1,2-Dichloroethene	7.494	96	1806567	457.342	ug/l	97
44) Trichloroethene	9.359	130	2630661	690.578	ug/l	95
65) Chlorobenzene	11.894	112	4076	0.403	ug/l #	83

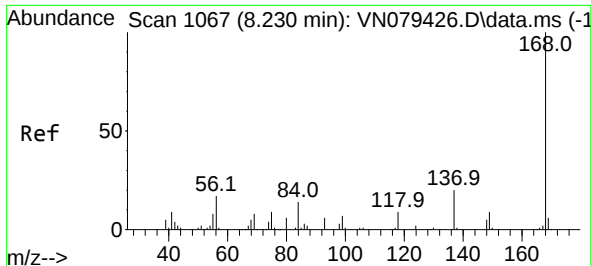
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
Data File : VN079477.D
Acq On : 09 Oct 2023 17:12
Operator : JC\MD
Sample : 04740-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FW9D

Quant Time: Oct 09 23:18:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

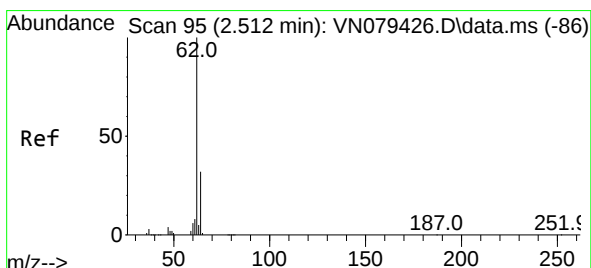
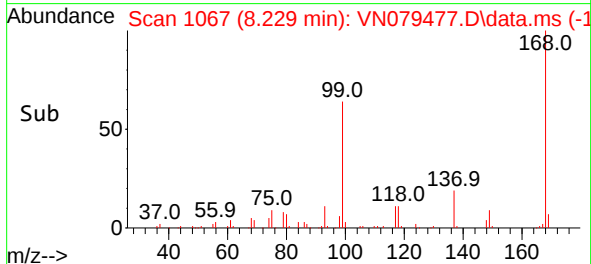
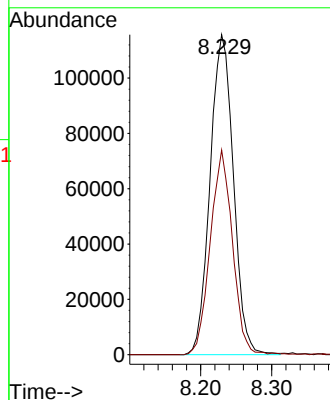
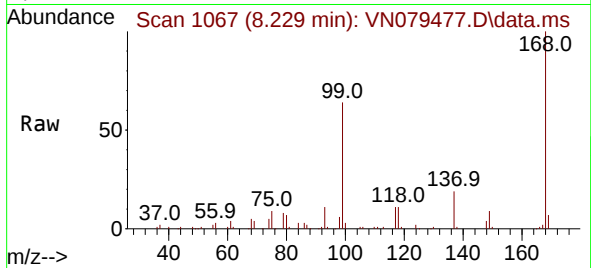




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079477.D
Acq: 09 Oct 2023 17:12

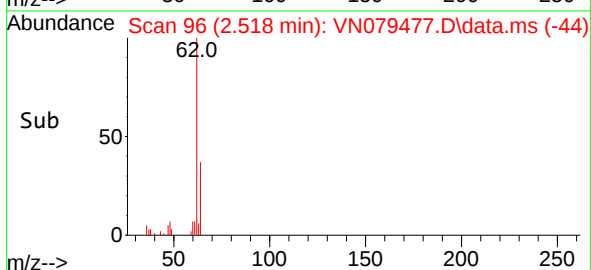
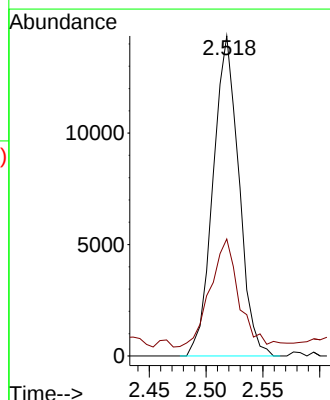
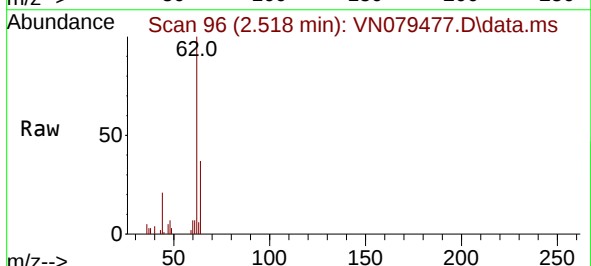
Instrument :
MSVOA_N
ClientSampleId :
FW9D

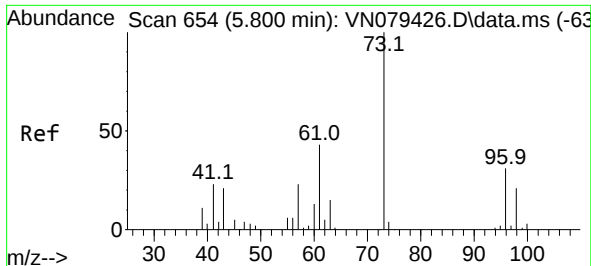
Tgt Ion:168 Resp: 263492
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#4
Vinyl Chloride
Concen: 4.629 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079477.D
Acq: 09 Oct 2023 17:12

Tgt Ion: 62 Resp: 22682
Ion Ratio Lower Upper
62 100
64 33.6 26.2 39.2





#19

Methyl tert-butyl Ether

Concen: 1.232 ug/l

RT: 5.806 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN079477.D

Acq: 09 Oct 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

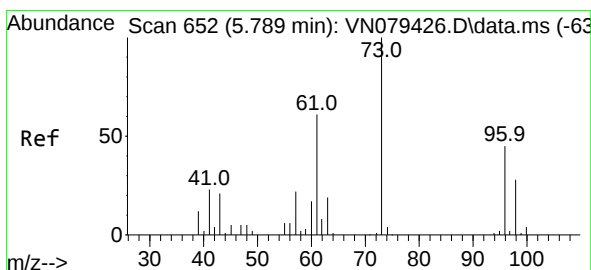
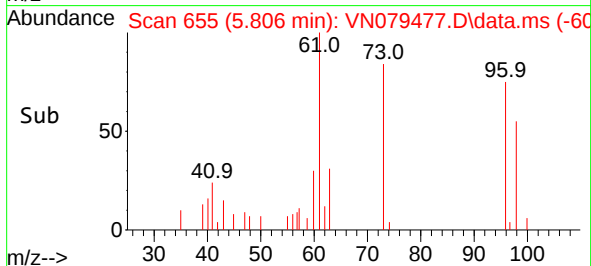
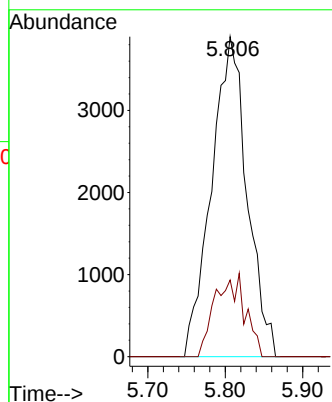
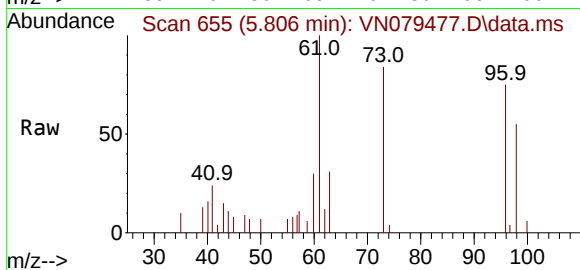
FW9D

Tgt Ion: 73 Resp: 12464

Ion Ratio Lower Upper

73 100

57 24.0 15.6 23.4#



#21

trans-1,2-Dichloroethene

Concen: 3.568 ug/l

RT: 5.794 min Scan# 653

Delta R.T. 0.006 min

Lab File: VN079477.D

Acq: 09 Oct 2023 17:12

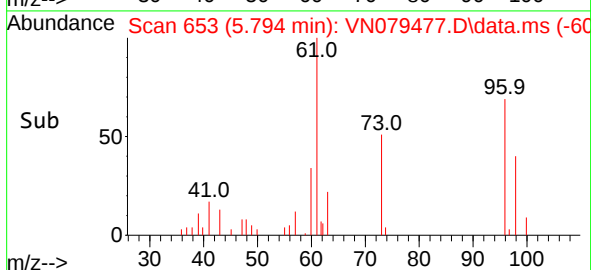
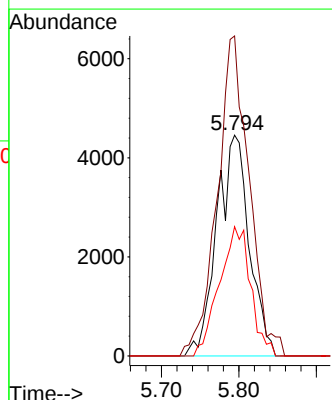
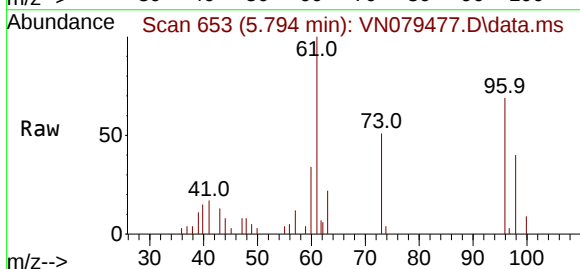
Tgt Ion: 96 Resp: 12975

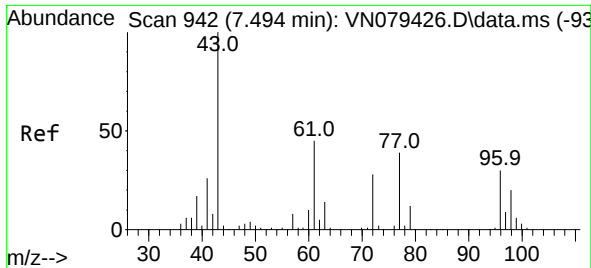
Ion Ratio Lower Upper

96 100

61 144.9 90.1 135.1#

98 58.5 46.4 69.6



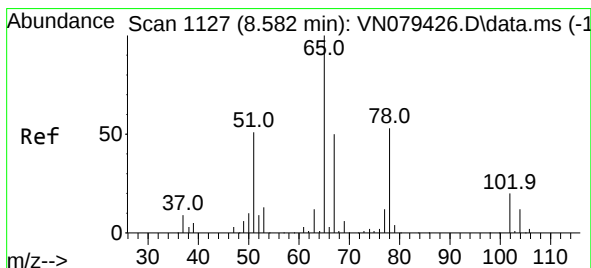
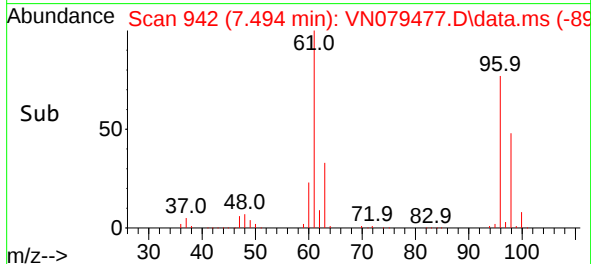
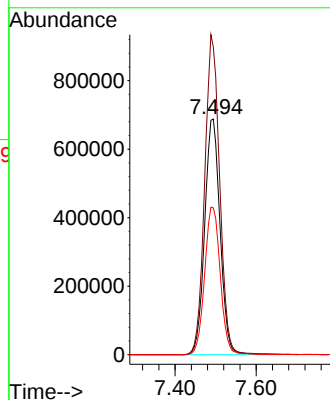
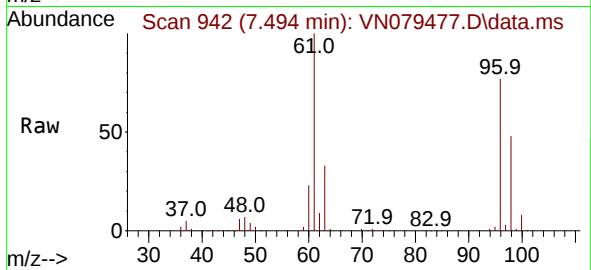


#27
 cis-1,2-Dichloroethene
 Concen: 457.342 ug/l
 RT: 7.494 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VN079477.D
 Acq: 09 Oct 2023 17:12

Instrument :
 MSVOA_N
 ClientSampleId :
 FW9D

Tgt Ion: 96 Resp: 1806567

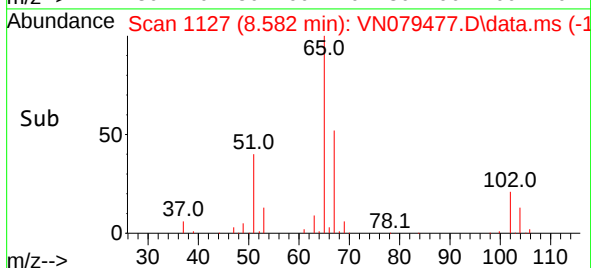
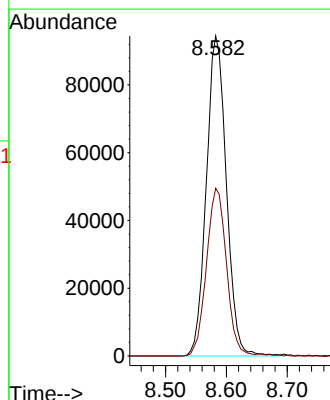
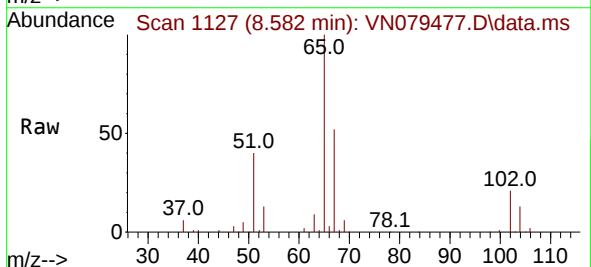
Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	255.2
98	63.7	0.0	128.8

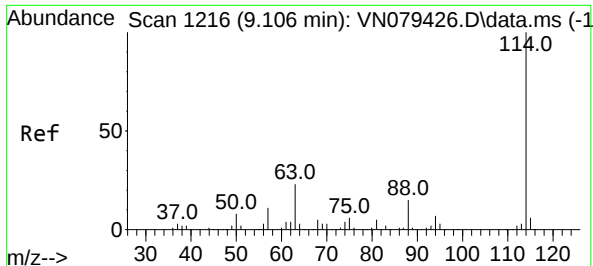


#33
 1,2-Dichloroethane-d4
 Concen: 50.449 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN079477.D
 Acq: 09 Oct 2023 17:12

Tgt Ion: 65 Resp: 215534

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079477.D

Acq: 09 Oct 2023 17:12

Instrument :

MSVOA_N

ClientSampleId :

FW9D

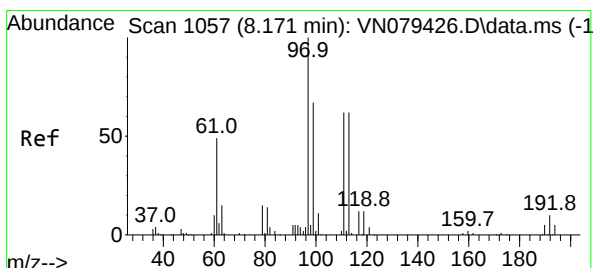
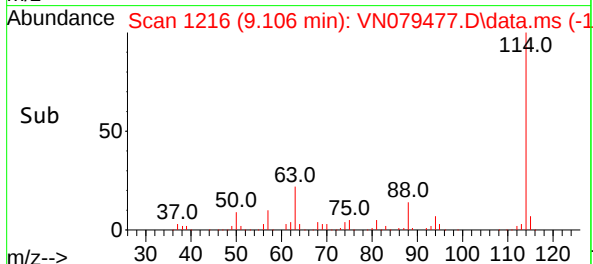
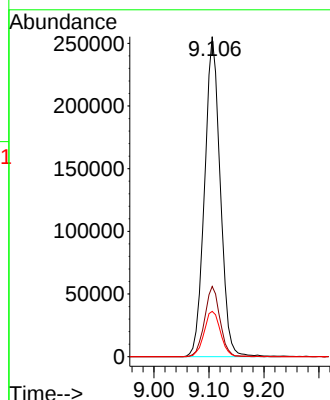
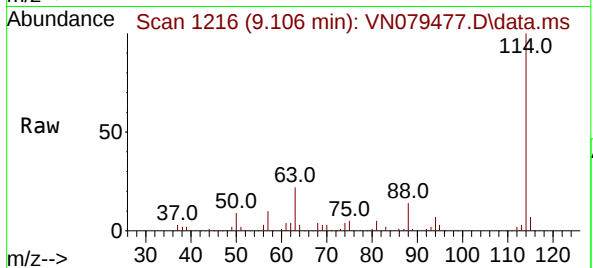
Tgt Ion:114 Resp: 505276

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.284 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079477.D

Acq: 09 Oct 2023 17:12

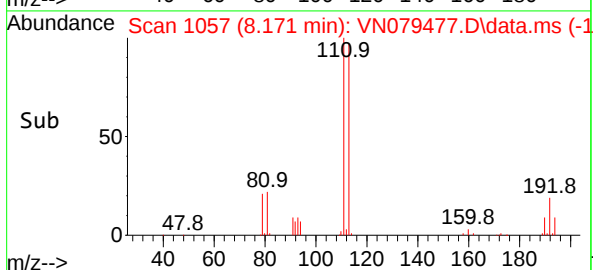
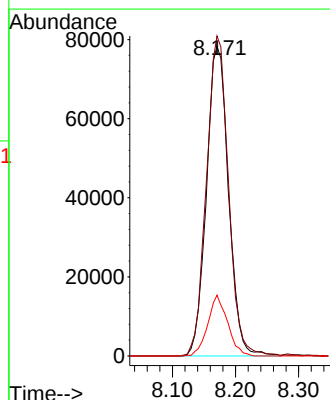
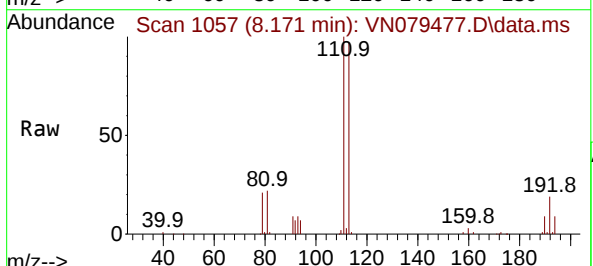
Tgt Ion:113 Resp: 189850

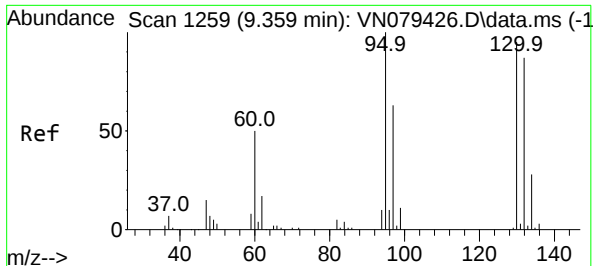
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.7 12.7 19.1

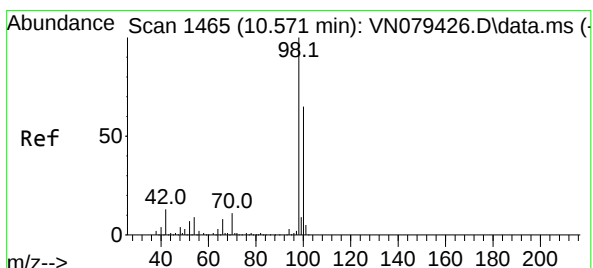
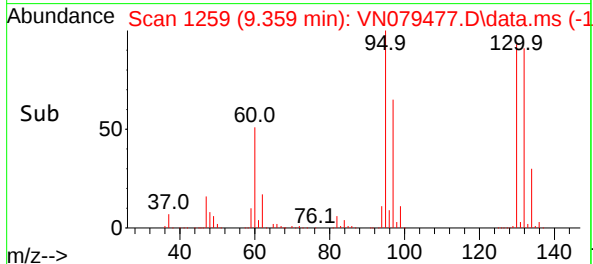
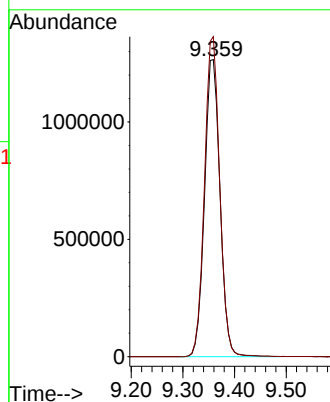
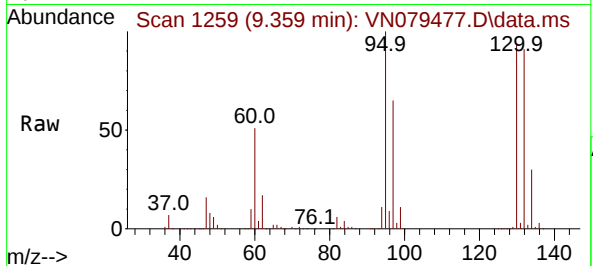




#44
Trichloroethene
Concen: 690.578 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079477.D
Acq: 09 Oct 2023 17:12

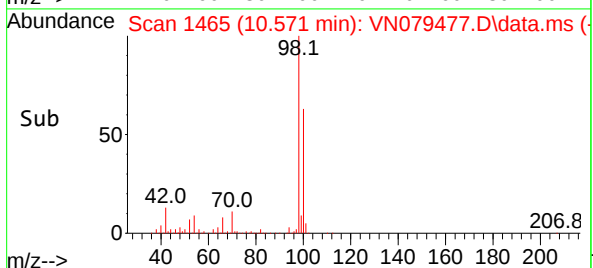
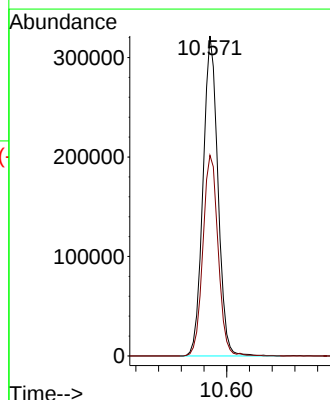
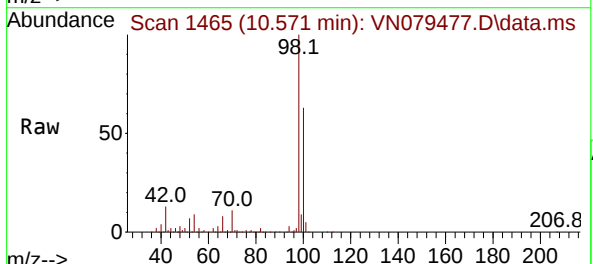
Instrument :
MSVOA_N
ClientSampleId :
FW9D

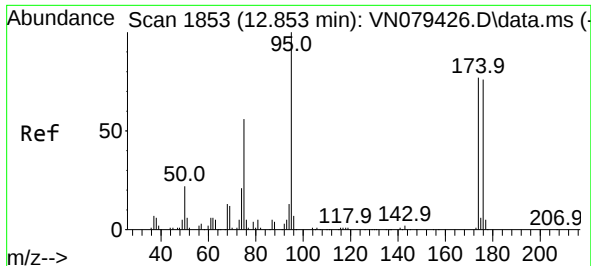
Tgt Ion:130 Resp: 2630661
Ion Ratio Lower Upper
130 100
95 107.7 0.0 204.6



#50
Toluene-d8
Concen: 44.480 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079477.D
Acq: 09 Oct 2023 17:12

Tgt Ion: 98 Resp: 584394
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

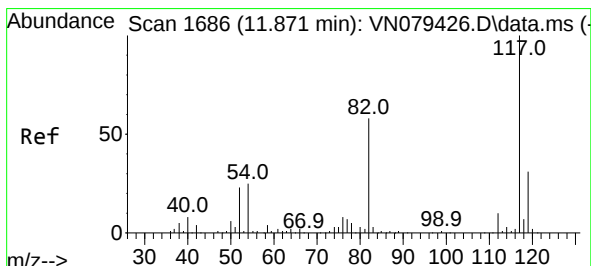
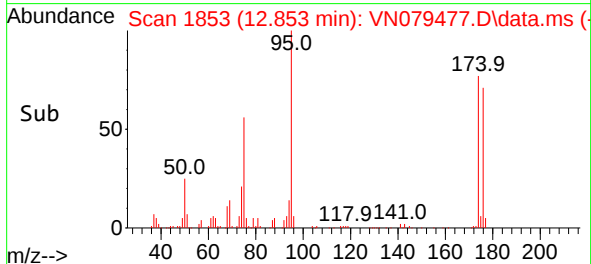
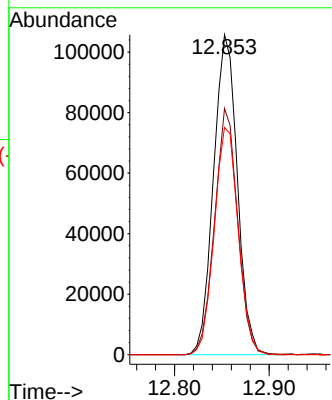
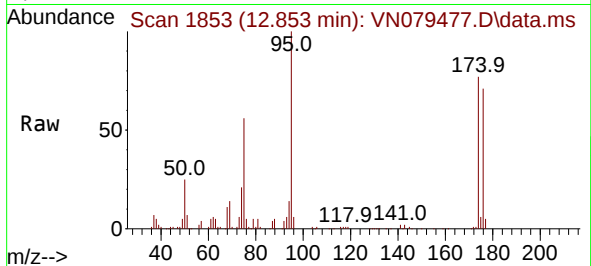




#62
4-Bromofluorobenzene
Concen: 43.646 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079477.D
Acq: 09 Oct 2023 17:12

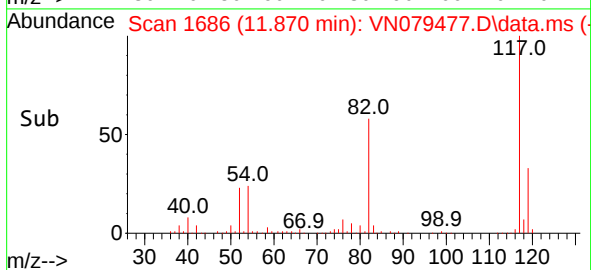
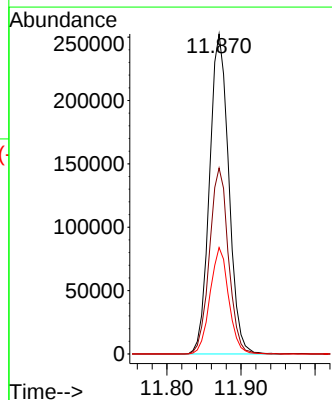
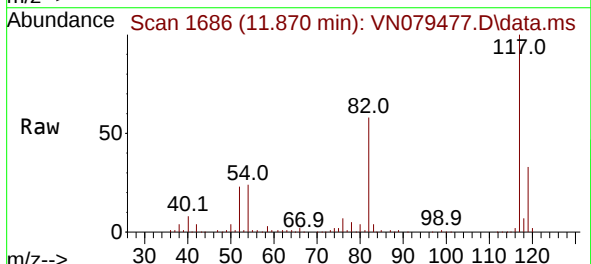
Instrument :
MSVOA_N
ClientSampleId :
FW9D

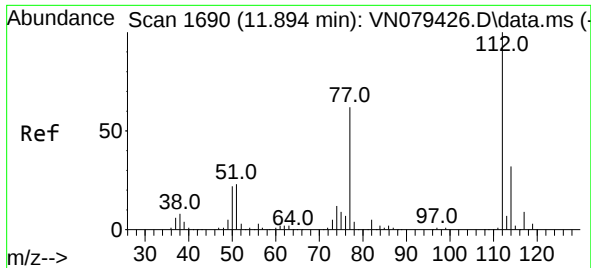
Tgt Ion: 95 Resp: 184029
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079477.D
Acq: 09 Oct 2023 17:12

Tgt Ion: 117 Resp: 454182
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 33.3 25.6 38.4

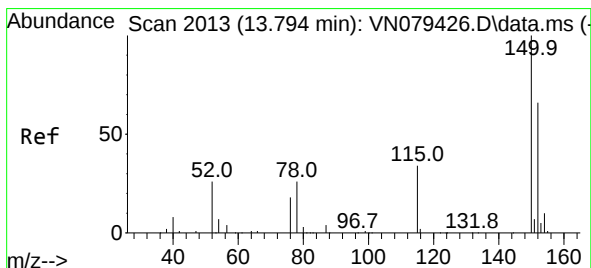
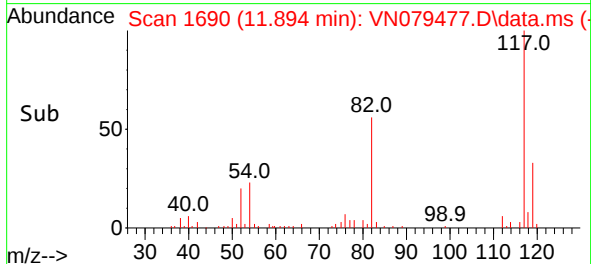
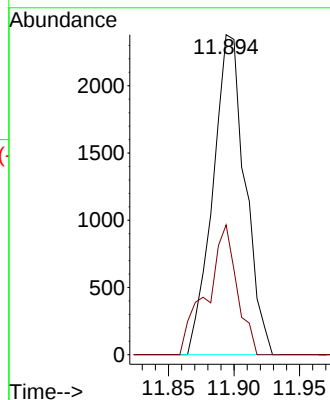
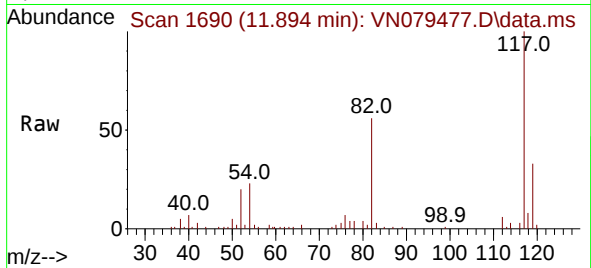




#65
Chlorobenzene
Concen: 0.403 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079477.D
Acq: 09 Oct 2023 17:12

Instrument :
MSVOA_N
ClientSampleId :
FW9D

Tgt Ion:112 Resp: 4076
Ion Ratio Lower Upper
112 100
114 40.5 25.0 37.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079477.D
Acq: 09 Oct 2023 17:12

Tgt Ion:152 Resp: 137771
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 156.7 0.0 355.8

