

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045569.D
 Acq On : 03 Apr 2025 14:27
 Operator : JC/MD
 Sample : Q1711-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-040225

Quant Time: Apr 04 01:22:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

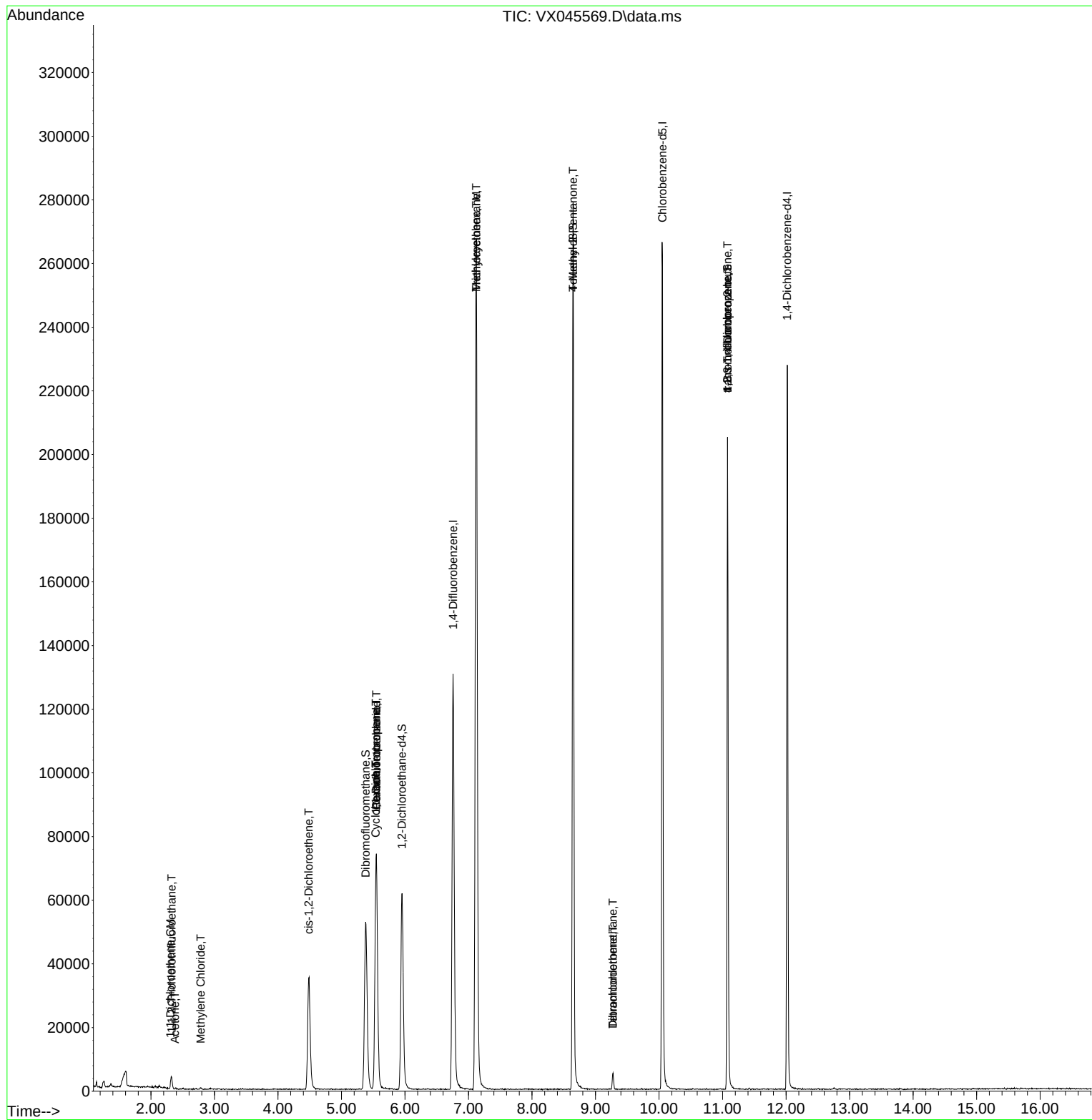
Internal Standards						
1) Pentafluorobenzene	5.550	168	63215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63364	54.811	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.620%	
35) Dibromofluoromethane	5.379	113	45550	52.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.440%	
50) Toluene-d8	8.647	98	154375	50.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	11.079	95	51995	46.882	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.760%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	1122	1.445	ug/l #	83
12) 1,1-Dichloroethene	2.307	96	371	0.489	ug/l #	49
16) Acetone	2.380	43	298	0.628	ug/l #	47
20) Methylene Chloride	2.782	84	282	0.317	ug/l #	73
27) cis-1,2-Dichloroethene	4.483	96	21152	22.393	ug/l	90
31) Cyclohexane	5.538	56	962	0.678	ug/l #	16
36) 1,1-Dichloropropene	5.544	75	6299	5.348	ug/l #	52
38) Carbon Tetrachloride	5.550	117	7387	5.803	ug/l #	15
39) Methylcyclohexane	7.123	83	1359	0.941	ug/l #	1
44) Trichloroethene	7.123	130	97815	114.405	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	862	0.578	ug/l #	1
60) Dibromochloromethane	9.275	129	916	0.969	ug/l #	10
64) Tetrachloroethene	9.275	164	887	1.132	ug/l #	87
76) 1,2,3-Trichloropropane	11.079	75	31002	30.413	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31002	103.219	ug/l #	1

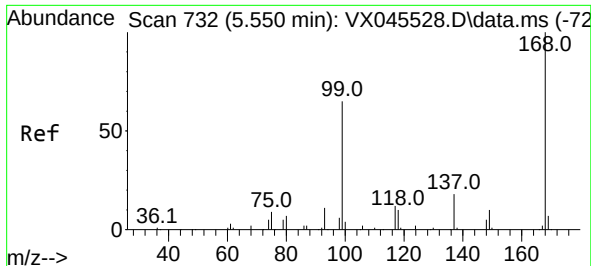
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
Data File : VX045569.D
Acq On : 03 Apr 2025 14:27
Operator : JC/MD
Sample : Q1711-04 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

Quant Time: Apr 04 01:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

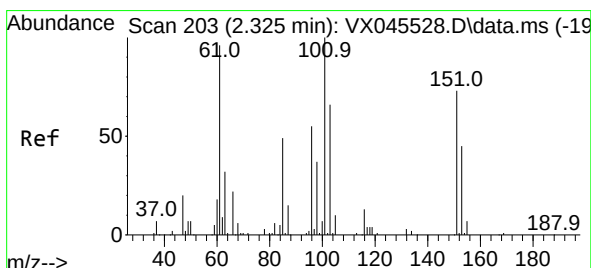
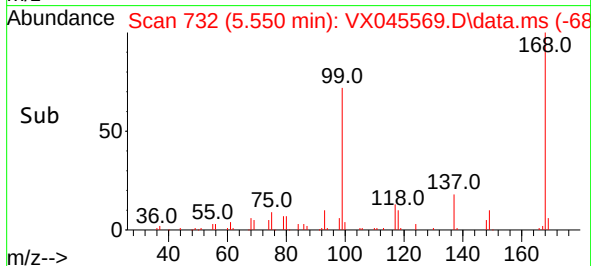
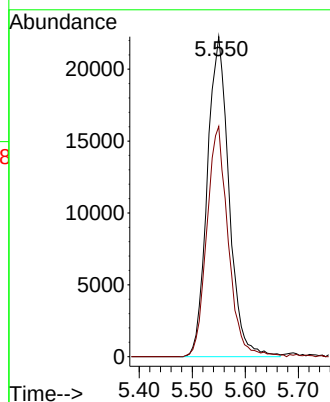
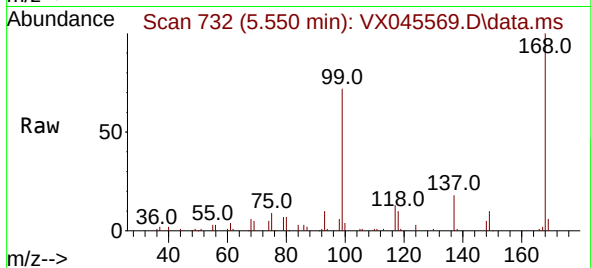




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

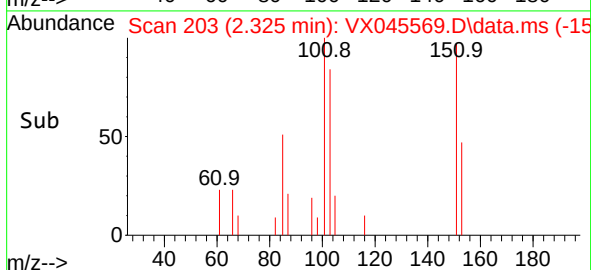
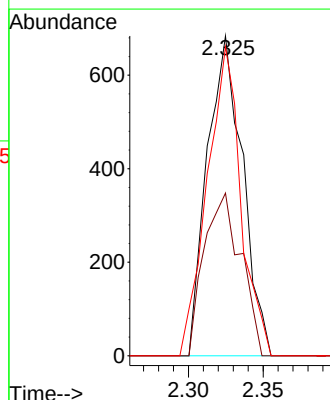
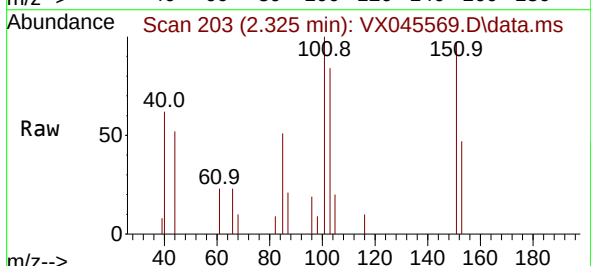
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

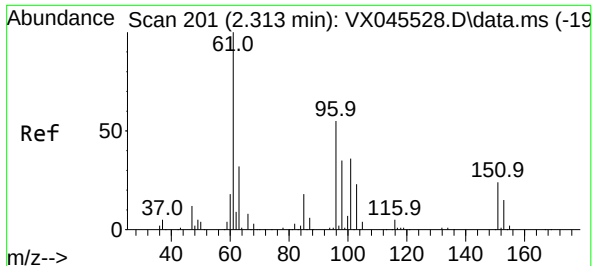
Tgt Ion:168 Resp: 63215
Ion Ratio Lower Upper
168 100
99 72.0 52.3 78.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.445 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Tgt Ion:101 Resp: 1122
Ion Ratio Lower Upper
101 100
85 52.9 38.9 58.3
151 92.4 57.5 86.3#





#12

1,1-Dichloroethene

Concen: 0.489 ug/l

RT: 2.307 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX045569.D

Acq: 03 Apr 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-040225

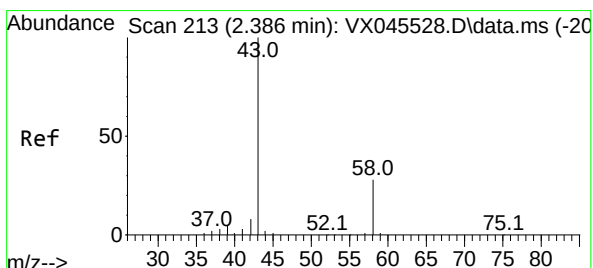
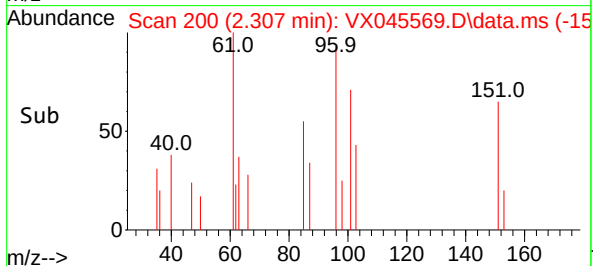
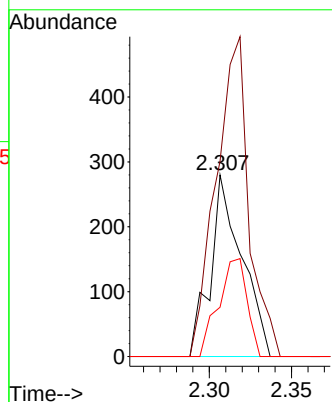
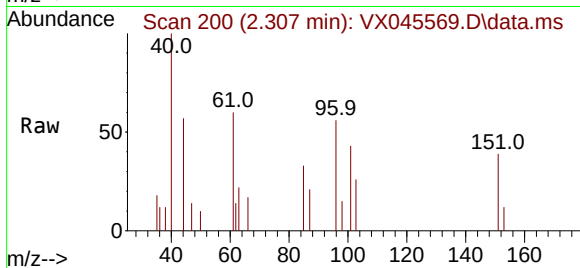
Tgt Ion: 96 Resp: 371

Ion Ratio Lower Upper

96 100

61 107.5 145.7 218.5#

98 27.1 51.6 77.4#



#16

Acetone

Concen: 0.628 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045569.D

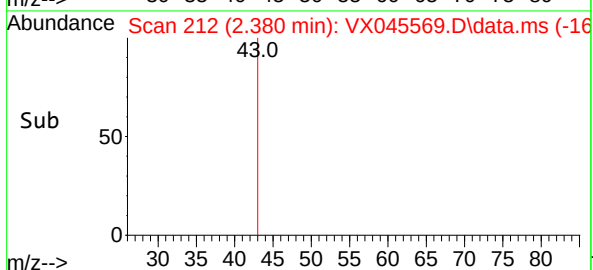
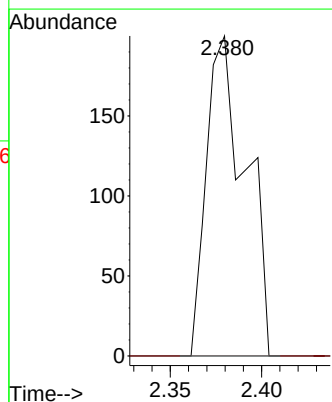
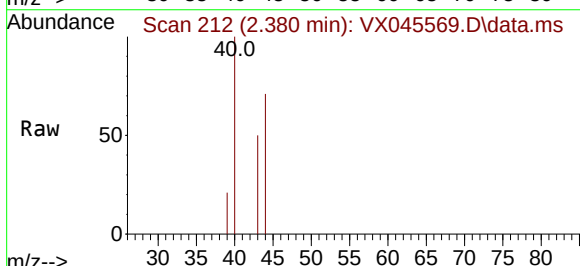
Acq: 03 Apr 2025 14:27

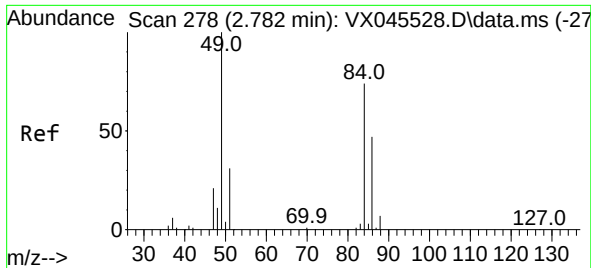
Tgt Ion: 43 Resp: 298

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#

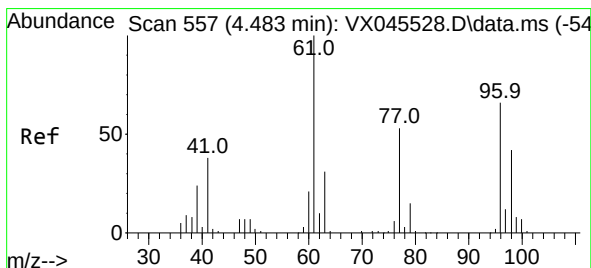
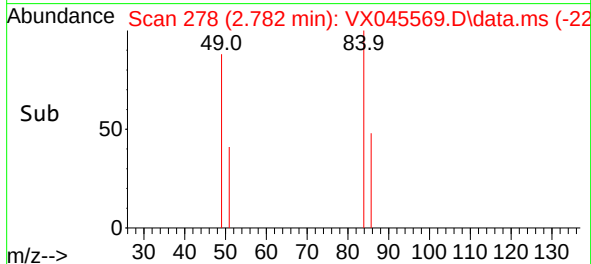
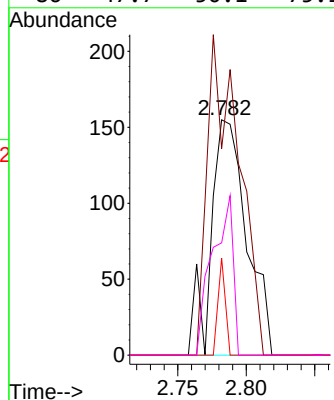
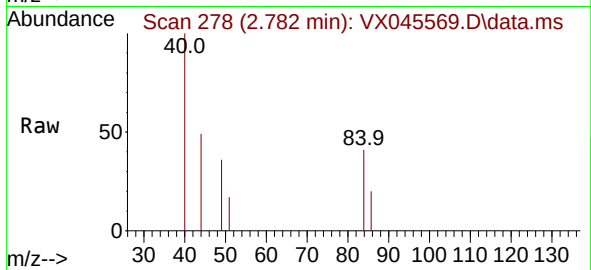




#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

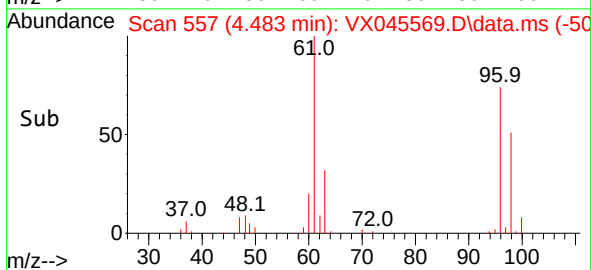
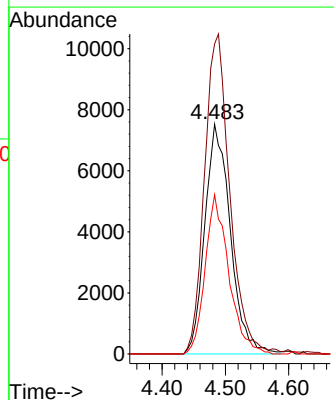
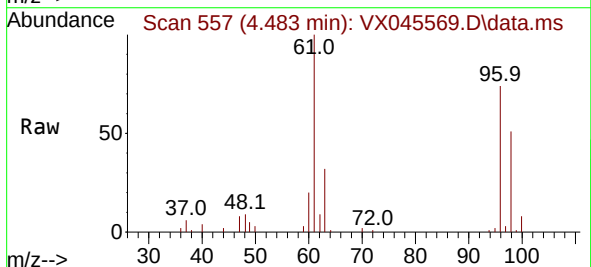
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

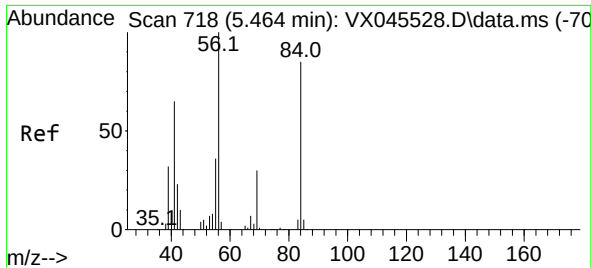
Tgt Ion:	84	Resp:	282
Ion	Ratio	Lower	Upper
84	100		
49	87.7	107.5	161.3#
51	41.3	33.0	49.6
86	47.7	50.1	75.1#



#27
cis-1,2-Dichloroethene
Concen: 22.393 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Tgt Ion:	96	Resp:	21152
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	313.2
98	64.1	0.0	126.4

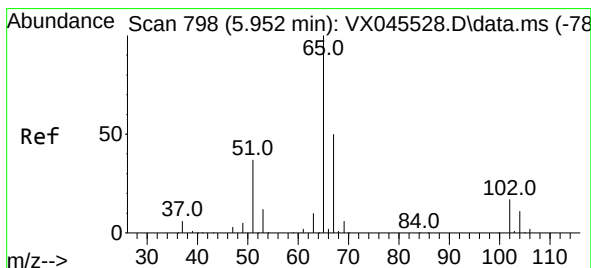
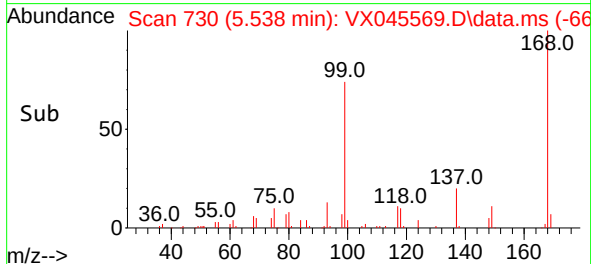
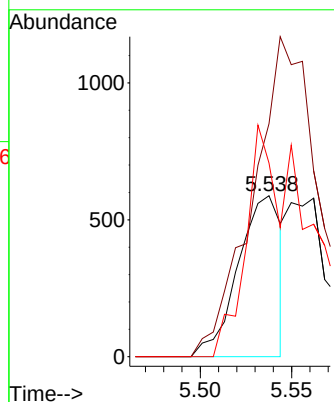
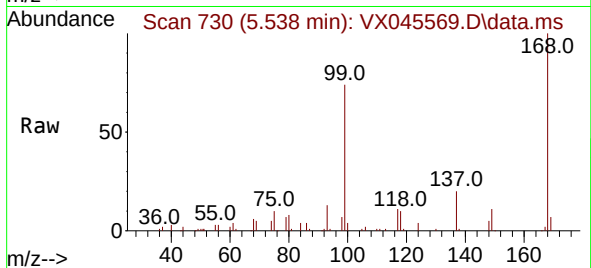




#31
Cyclohexane
Concen: 0.678 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

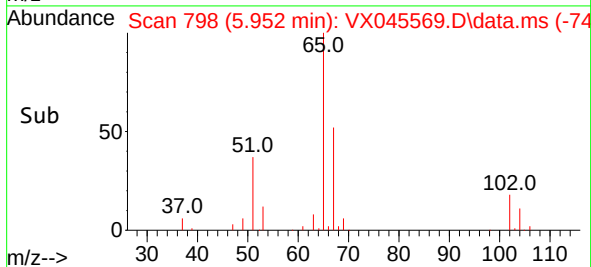
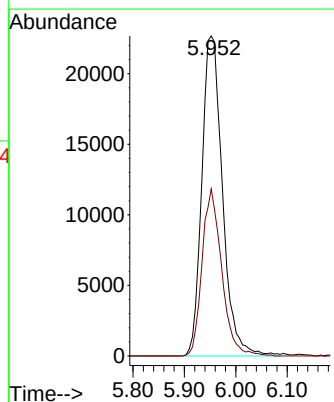
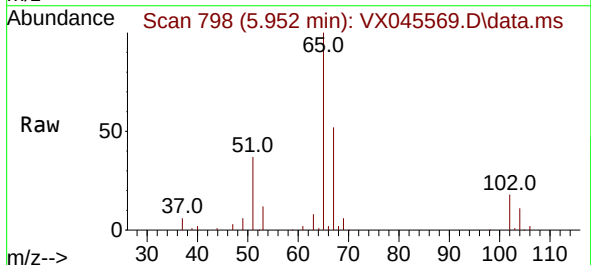
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

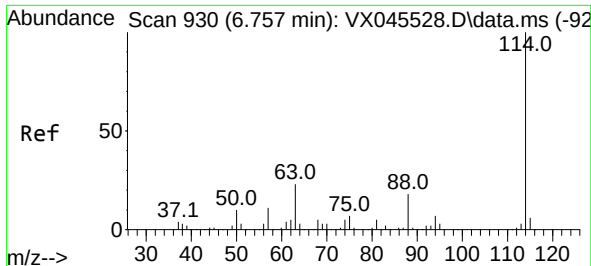
Tgt Ion: 56 Resp: 962
Ion Ratio Lower Upper
56 100
69 144.7 23.6 35.4#
84 120.2 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 54.811 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Tgt Ion: 65 Resp: 63364
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

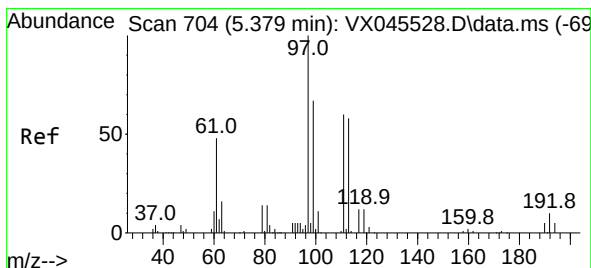
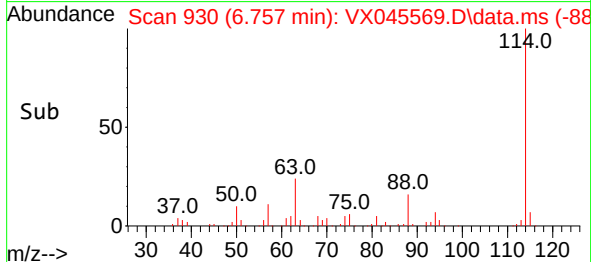
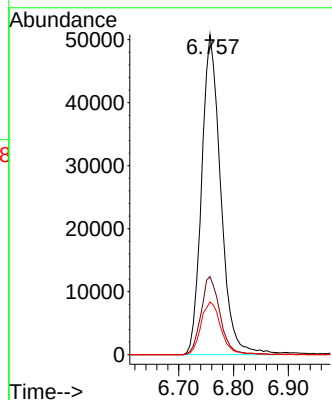
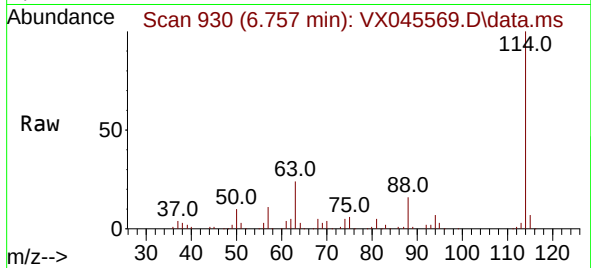




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

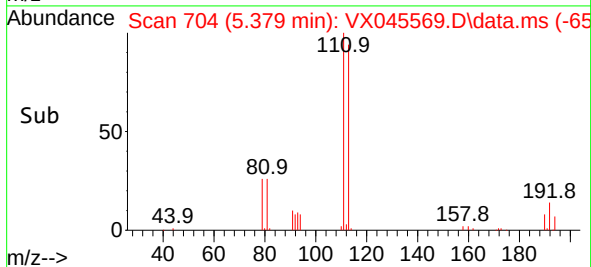
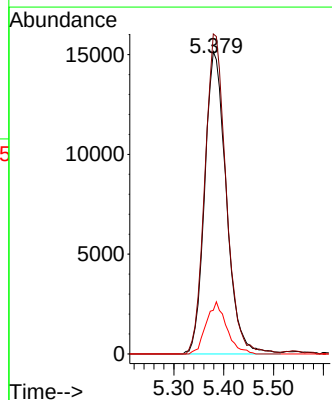
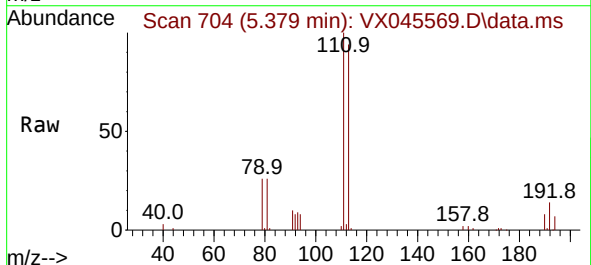
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

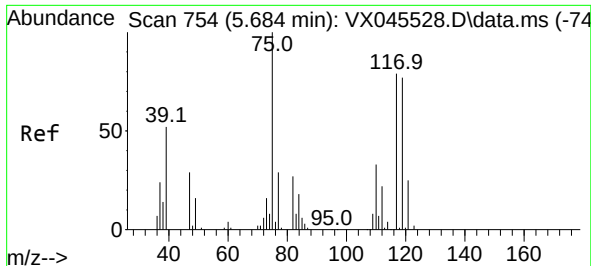
Tgt Ion:114 Resp: 122949
Ion Ratio Lower Upper
114 100
63 24.4 0.0 46.8
88 16.5 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.217 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Tgt Ion:113 Resp: 45550
Ion Ratio Lower Upper
113 100
111 104.5 81.8 122.6
192 16.3 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.348 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045569.D

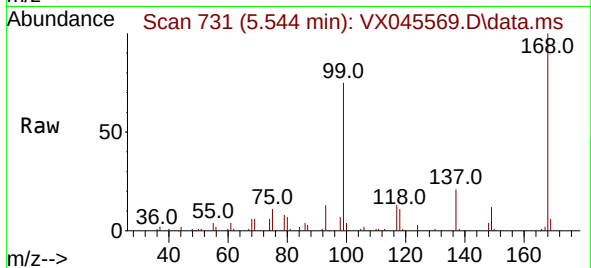
Acq: 03 Apr 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-040225



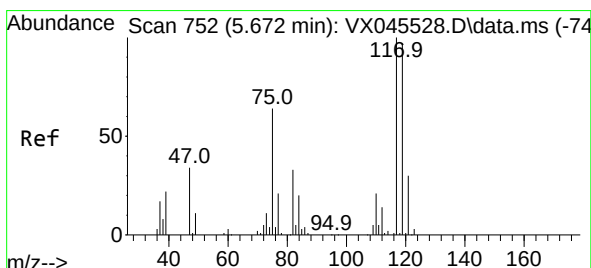
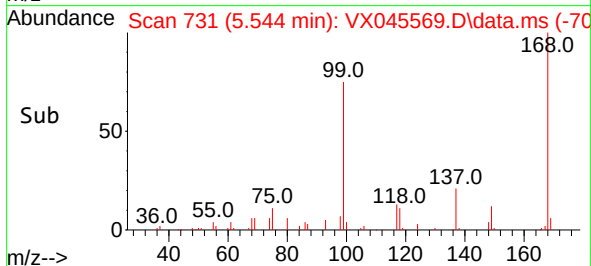
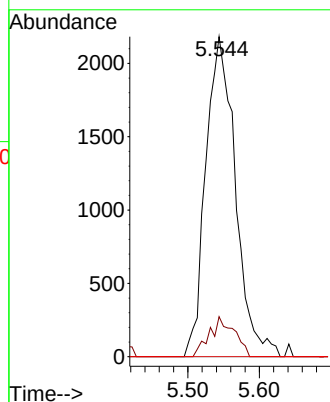
Tgt Ion: 75 Resp: 6299

Ion Ratio Lower Upper

75 100

110 10.5 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.803 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045569.D

Acq: 03 Apr 2025 14:27

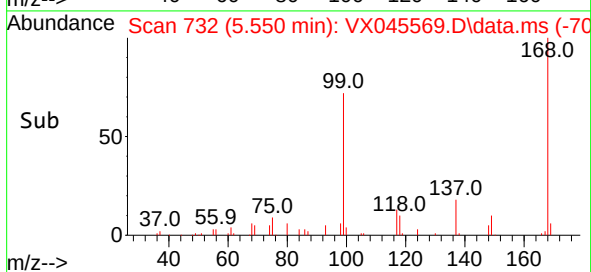
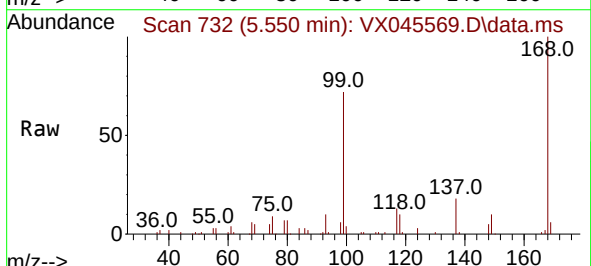
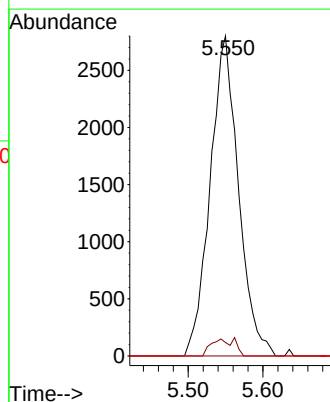
Tgt Ion: 117 Resp: 7387

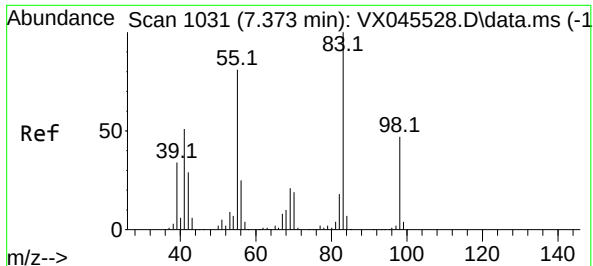
Ion Ratio Lower Upper

117 100

119 4.2 76.9 115.3#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.941 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.250 min

Lab File: VX045569.D

Acq: 03 Apr 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-040225

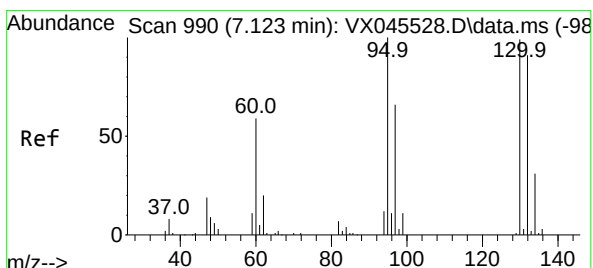
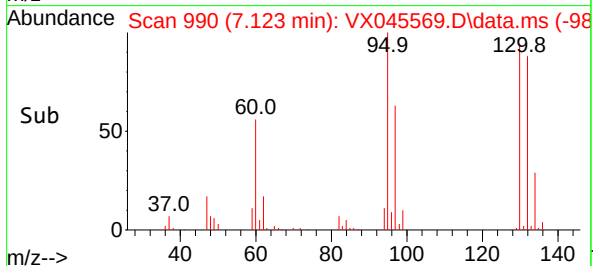
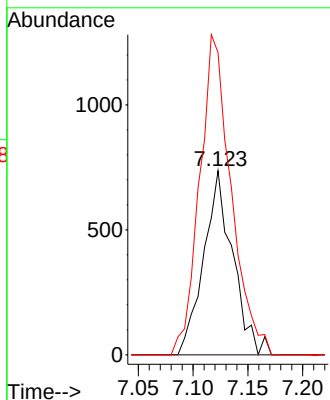
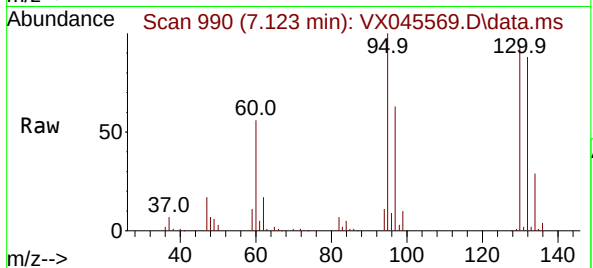
Tgt Ion: 83 Resp: 1359

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

98 164.0 37.4 56.0#



#44

Trichloroethene

Concen: 114.405 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045569.D

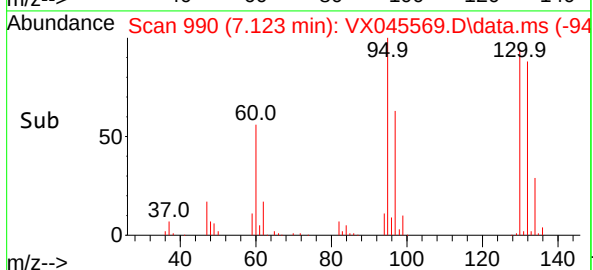
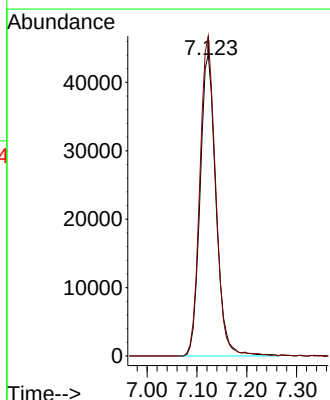
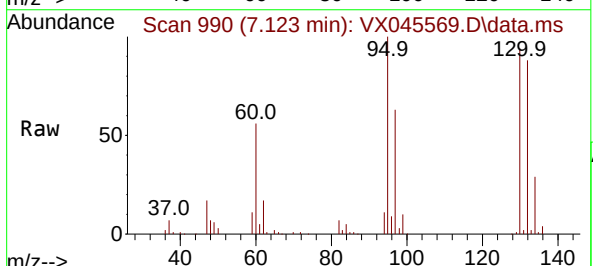
Acq: 03 Apr 2025 14:27

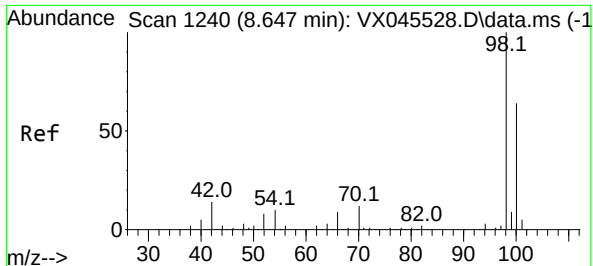
Tgt Ion:130 Resp: 97815

Ion Ratio Lower Upper

130 100

95 106.1 0.0 202.0

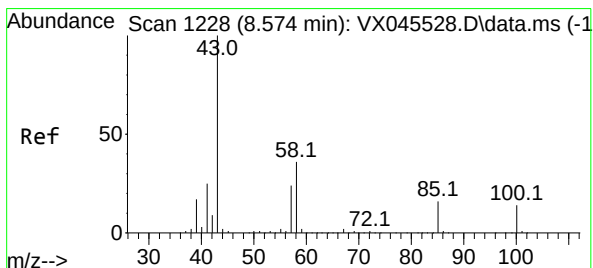
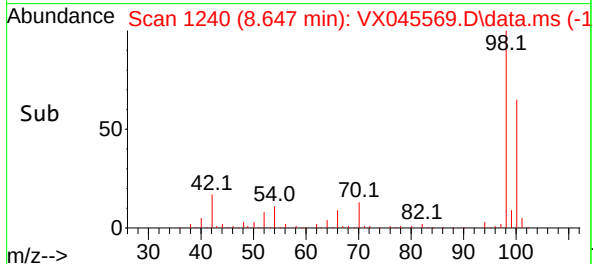
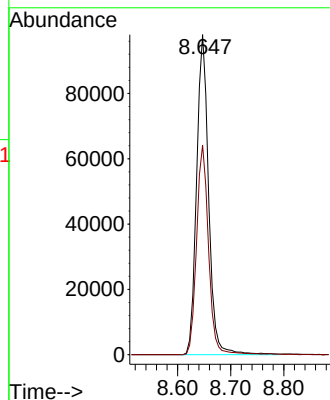
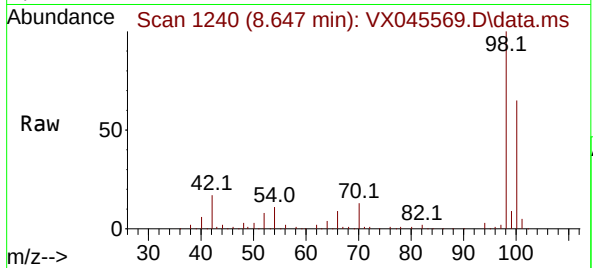




#50
Toluene-d8
Concen: 50.702 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

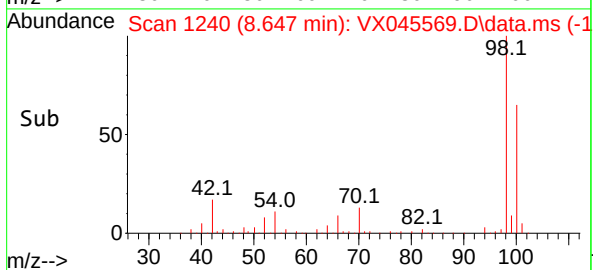
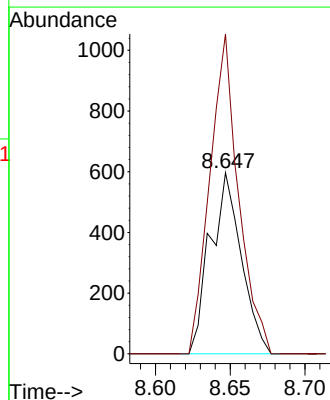
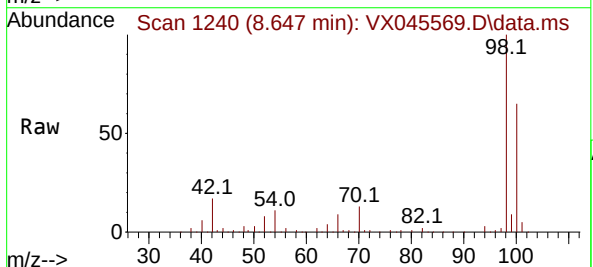
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

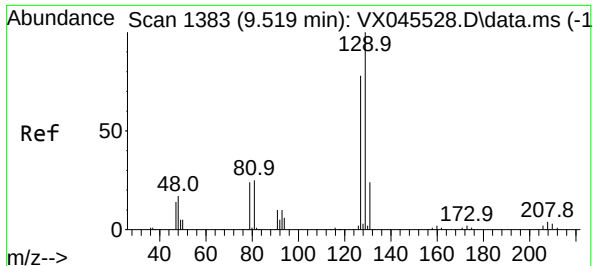
Tgt Ion: 98 Resp: 154375
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 163.2 28.5 42.7#

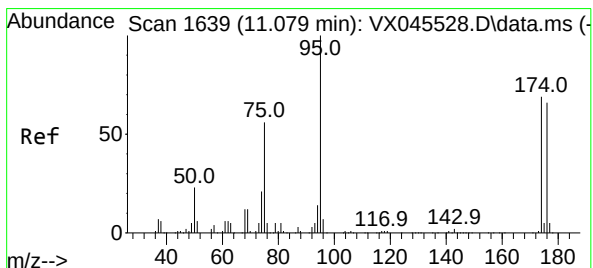
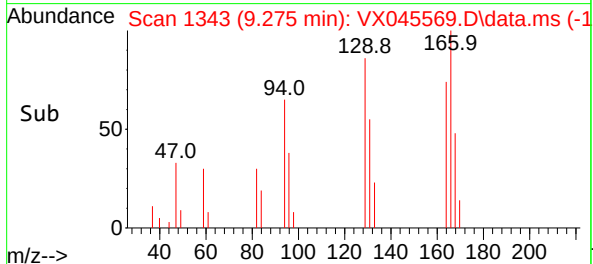
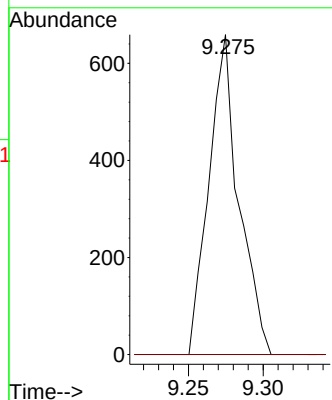
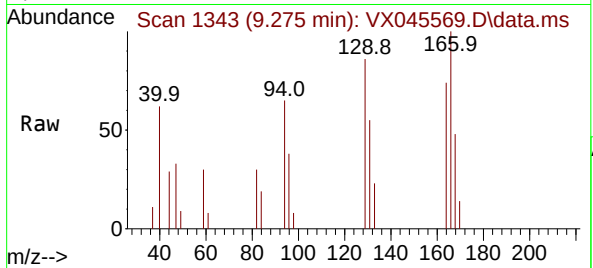




#60
Dibromochloromethane
Concen: 0.969 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

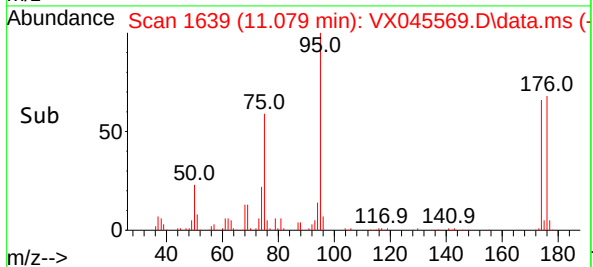
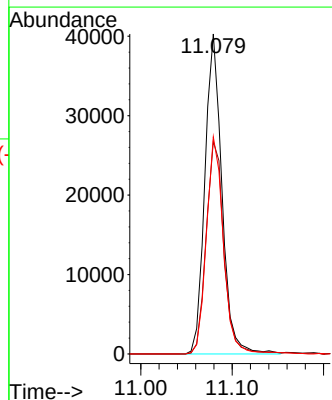
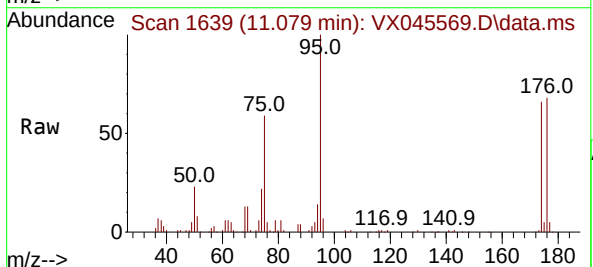
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

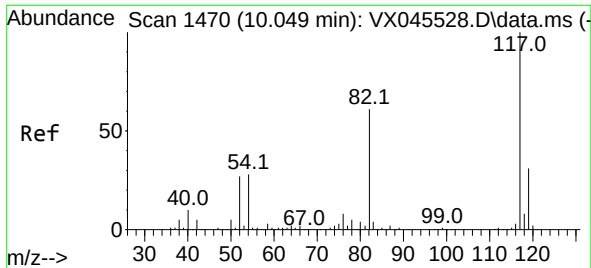
Tgt Ion:129 Resp: 916
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.2#



#62
4-Bromofluorobenzene
Concen: 46.882 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Tgt Ion: 95 Resp: 51995
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.8
176 68.1 0.0 131.4

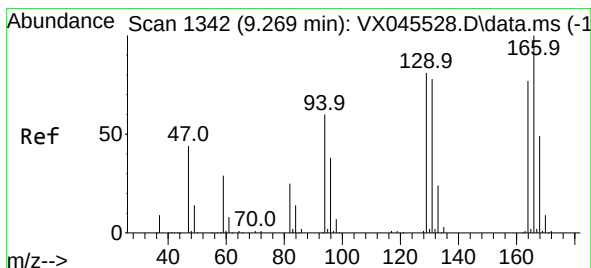
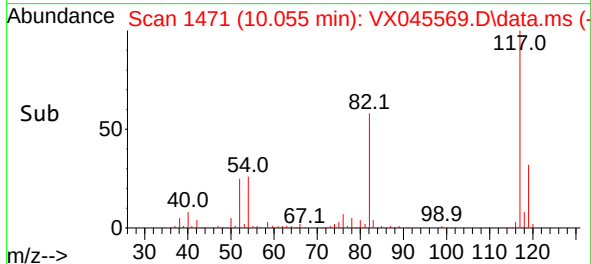
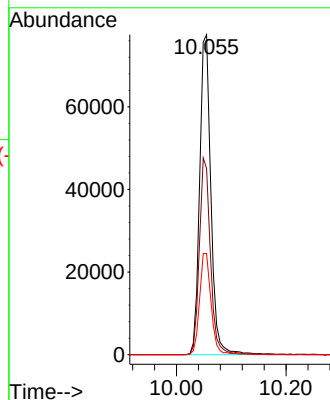
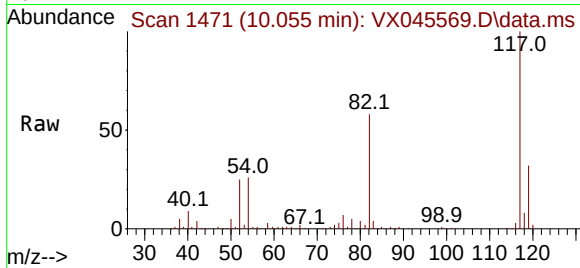




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

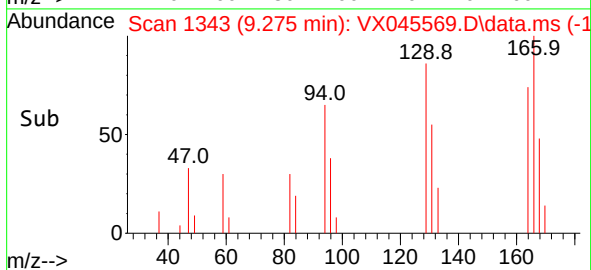
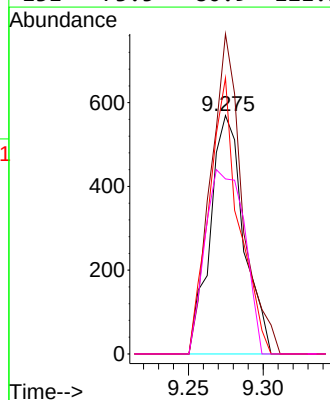
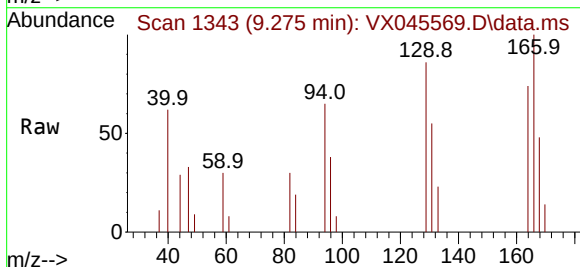
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

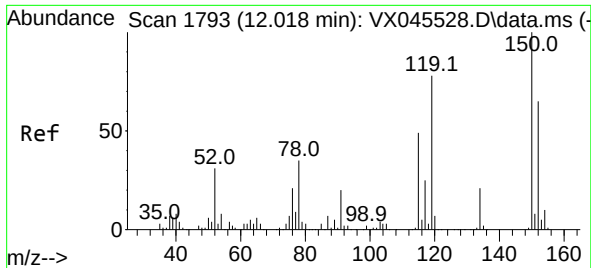
Tgt Ion:117 Resp: 111016
Ion Ratio Lower Upper
117 100
82 58.2 49.2 73.8
119 31.6 25.1 37.7



#64
Tetrachloroethene
Concen: 1.132 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Tgt Ion:164 Resp: 887
Ion Ratio Lower Upper
164 100
166 134.3 103.8 155.8
129 115.8 84.3 126.5
131 73.5 80.9 121.3#

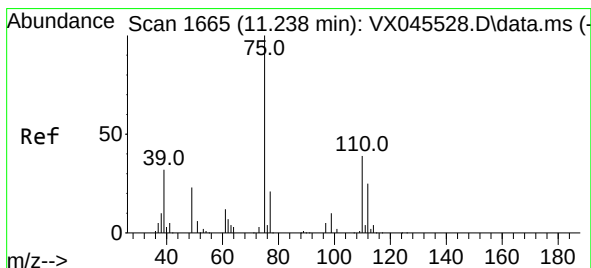
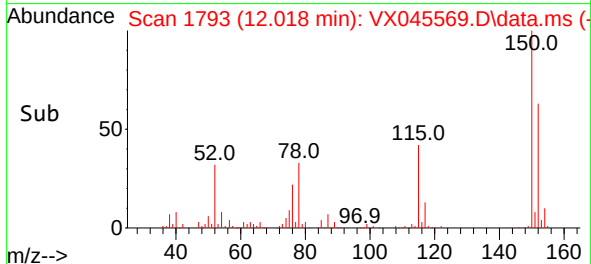
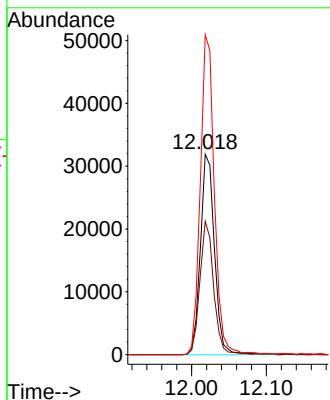
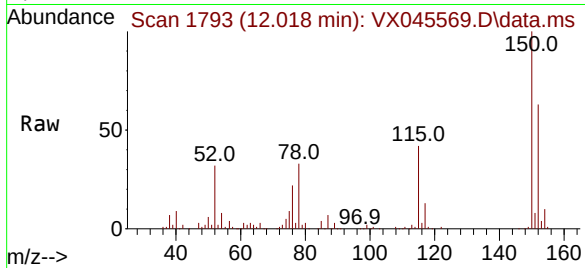




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045569.D
 Acq: 03 Apr 2025 14:27

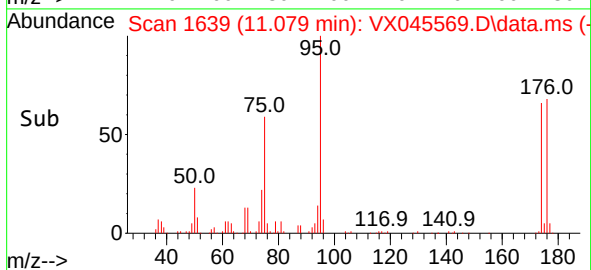
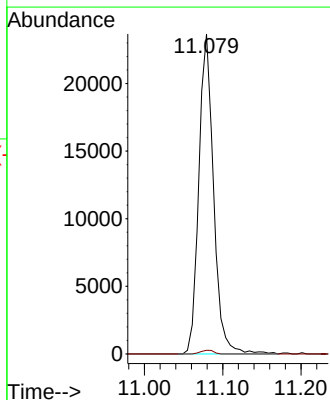
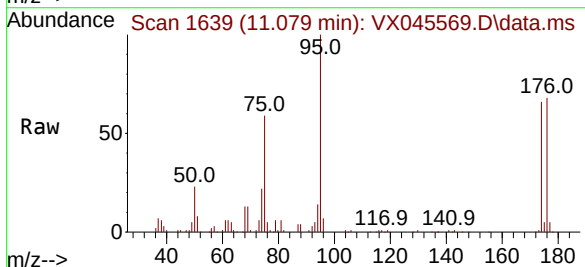
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-040225

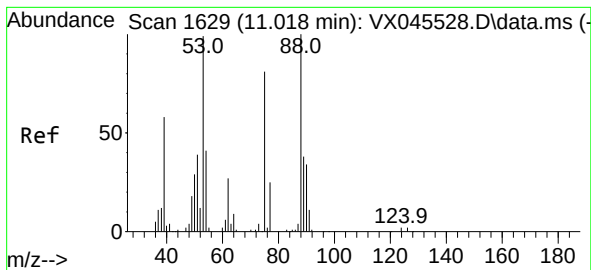
Tgt Ion:152 Resp: 41790
 Ion Ratio Lower Upper
 152 100
 115 65.3 46.9 140.7
 150 159.4 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 30.413 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045569.D
 Acq: 03 Apr 2025 14:27

Tgt Ion: 75 Resp: 31002
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 103.219 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045569.D
Acq: 03 Apr 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-040225

Tgt Ion: 75 Resp: 31002
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

