

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045546.D
 Acq On : 02 Apr 2025 14:54
 Operator : JC/MD
 Sample : Q1697-05 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IW-03-55-040125

Quant Time: Apr 03 01:52:56 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)

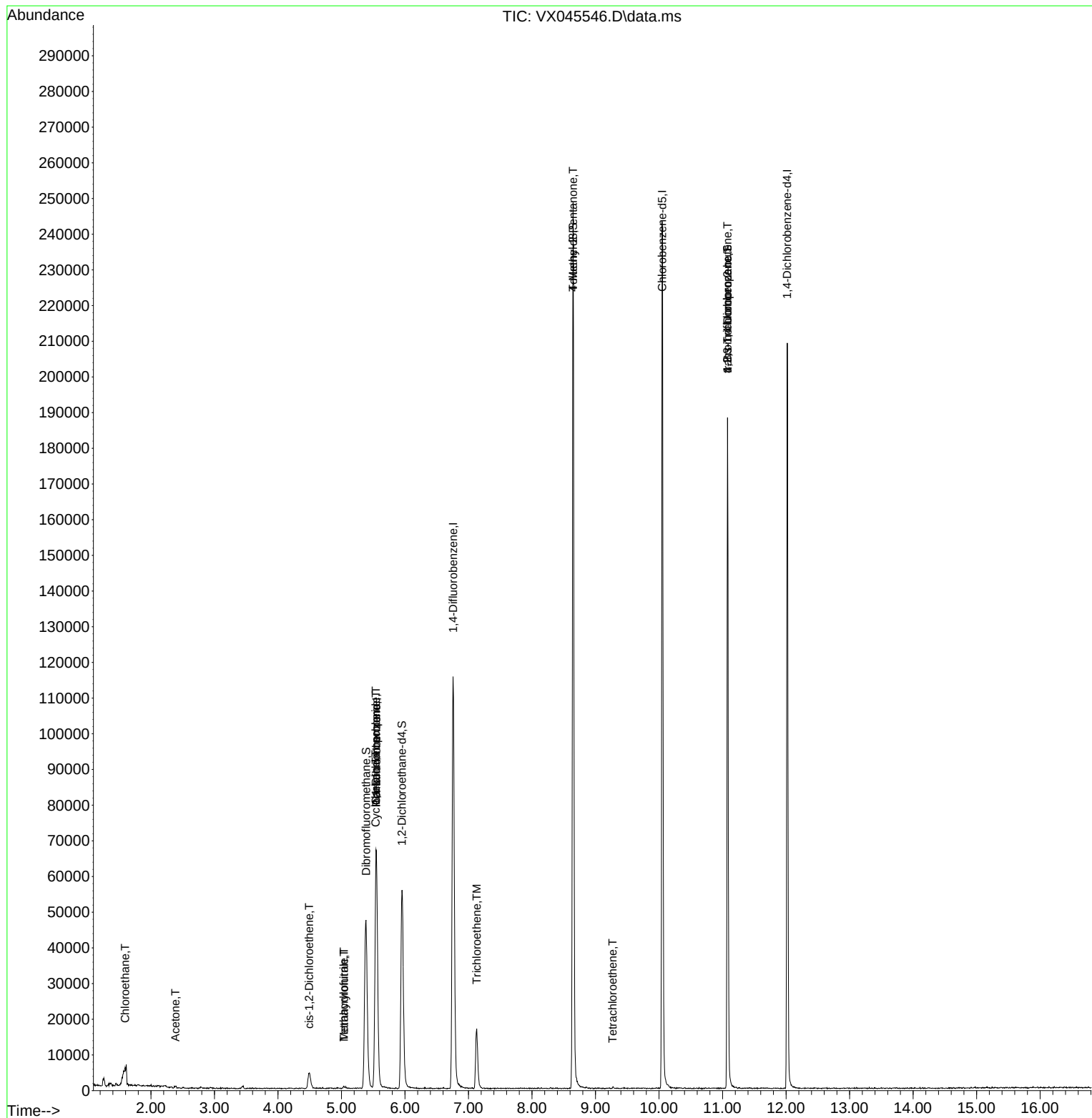
Internal Standards						
1) Pentafluorobenzene	5.549	168	58143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	113862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	102695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	39273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57174	53.771	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.540%		
35) Dibromofluoromethane	5.385	113	41733	51.659	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.320%		
50) Toluene-d8	8.646	98	141159	50.061	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.120%		
62) 4-Bromofluorobenzene	11.079	95	48414	47.137	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 94.280%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.593	64	99	0.228	ug/l #	42
16) Acetone	2.385	43	707	1.619	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	2922	3.363	ug/l	90
29) Tetrahydrofuran	5.037	42	274	0.661	ug/l #	67
31) Cyclohexane	5.537	56	1858	1.424	ug/l #	19
36) 1,1-Dichloropropene	5.543	75	5664	5.193	ug/l #	50
38) Carbon Tetrachloride	5.543	117	6836	5.799	ug/l #	17
41) Methacrylonitrile	5.037	41	201	0.277	ug/l #	30
44) Trichloroethene	7.128	130	6502	8.212	ug/l	100
51) 4-Methyl-2-Pentanone	8.646	43	884	0.640	ug/l #	1
64) Tetrachloroethene	9.268	164	148	0.204	ug/l #	5
76) 1,2,3-Trichloropropane	11.079	75	27886	29.110	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	27886	98.795	ug/l #	1

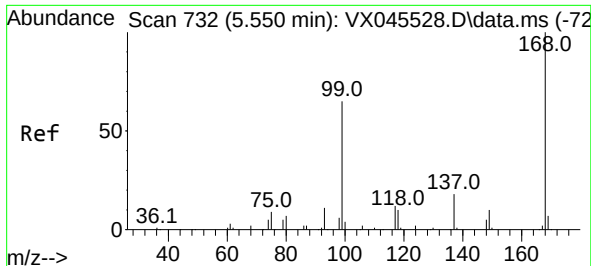
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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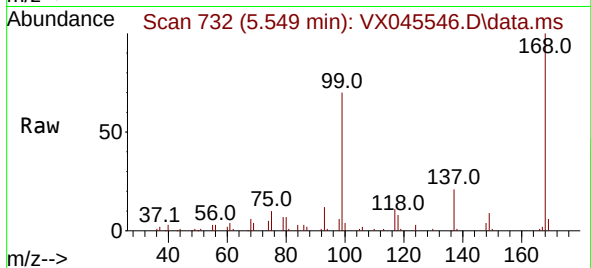
Quant Time: Apr 03 01:52:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



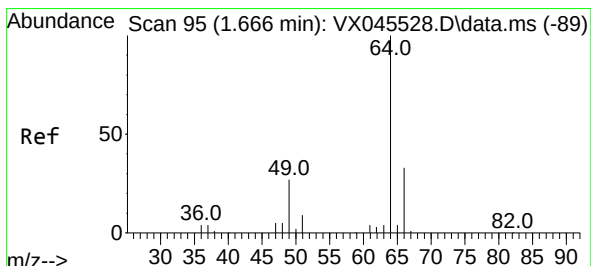
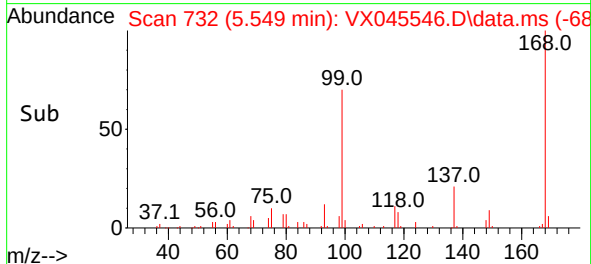
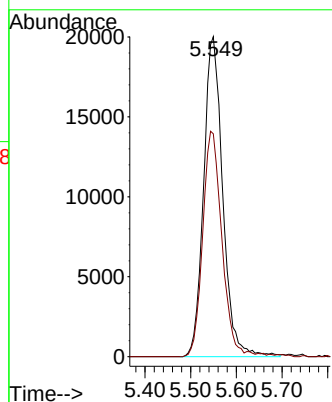


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045546.D
Acq: 02 Apr 2025 14:54

Instrument :
MSVOA_X
ClientSampleId :
IW-03-55-040125

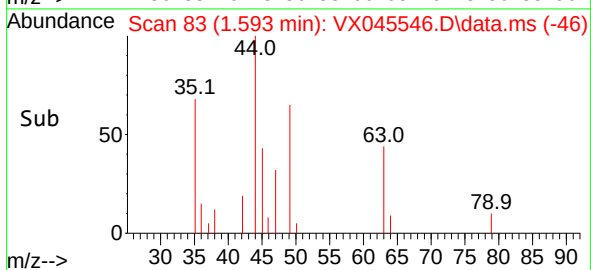
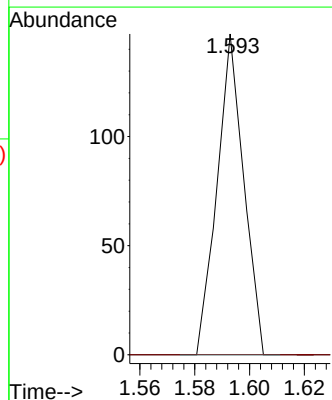
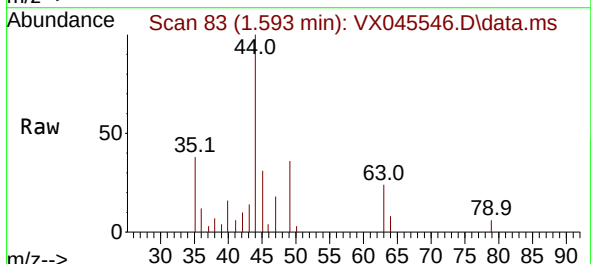


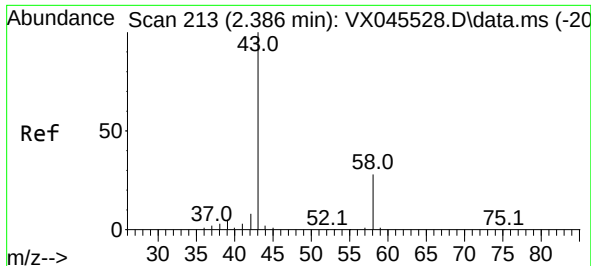
Tgt Ion:168 Resp: 58143
Ion Ratio Lower Upper
168 100
99 69.6 52.3 78.5



#6
Chloroethane
Concen: 0.228 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.073 min
Lab File: VX045546.D
Acq: 02 Apr 2025 14:54

Tgt Ion: 64 Resp: 99
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5

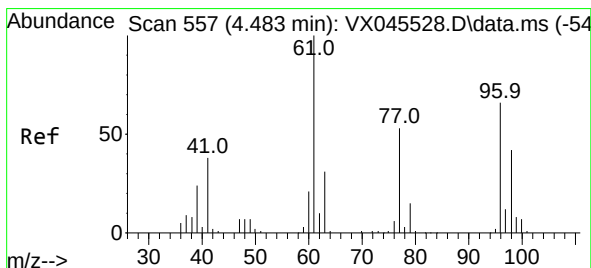
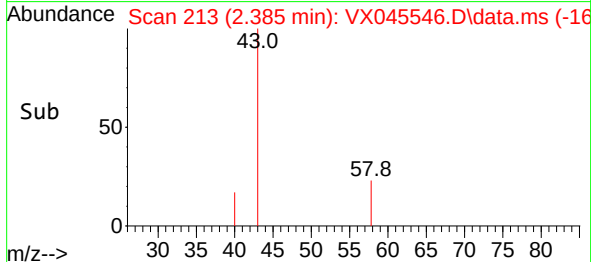
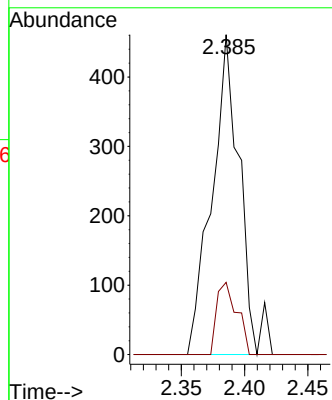
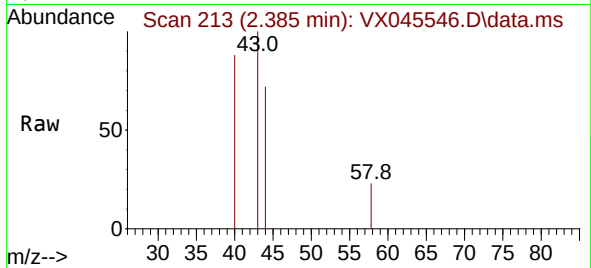




#16
Acetone
Concen: 1.619 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045546.D
Acq: 02 Apr 2025 14:54

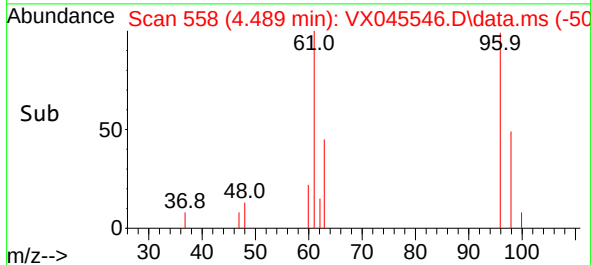
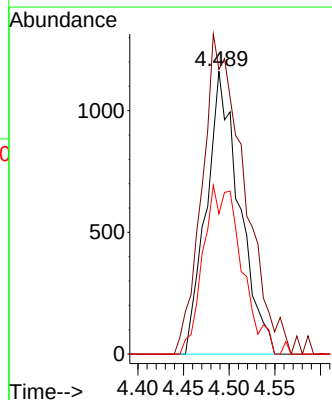
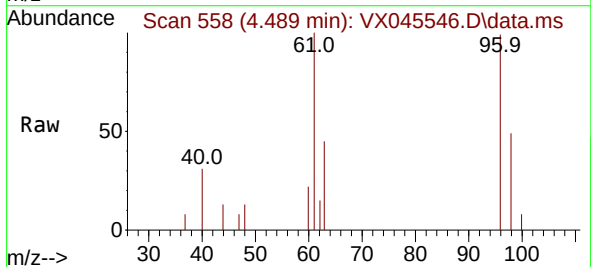
Instrument :
MSVOA_X
ClientSampleId :
IW-03-55-040125

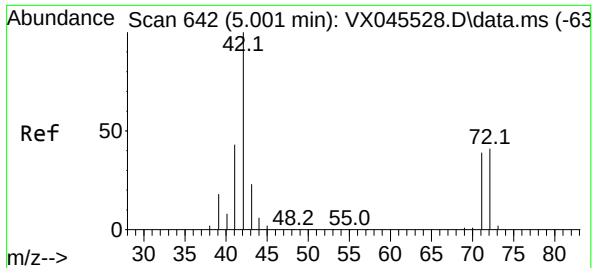
Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
58 22.6 22.3 33.5



#27
cis-1,2-Dichloroethene
Concen: 3.363 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX045546.D
Acq: 02 Apr 2025 14:54

Tgt Ion: 96 Resp: 2922
Ion Ratio Lower Upper
96 100
61 142.2 0.0 313.2
98 69.2 0.0 126.4





#29

Tetrahydrofuran

Concen: 0.661 ug/l

RT: 5.037 min Scan# 64

Delta R.T. 0.036 min

Lab File: VX045546.D

Acq: 02 Apr 2025 14:54

Instrument :

MSVOA_X

ClientSampleId :

IW-03-55-040125

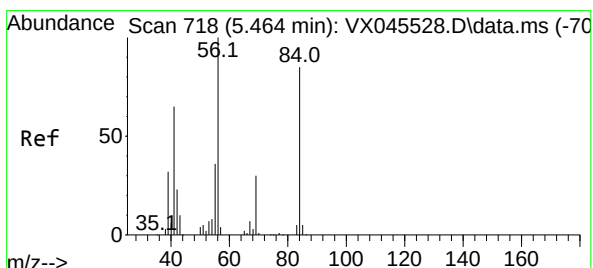
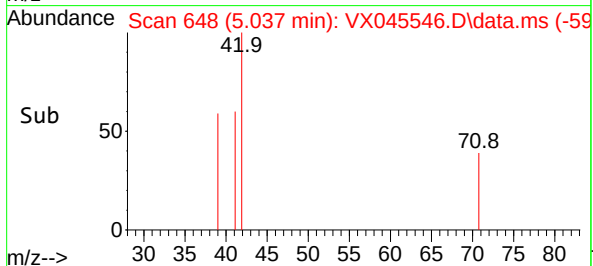
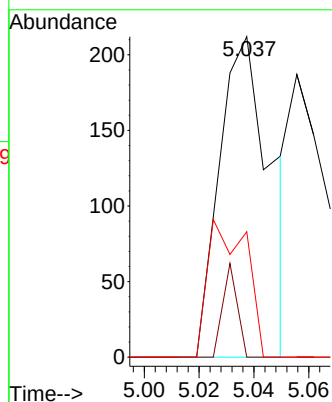
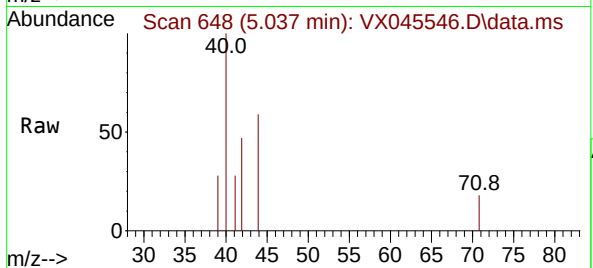
Tgt Ion: 42 Resp: 274

Ion Ratio Lower Upper

42 100

72 8.4 33.4 50.0#

71 32.5 31.4 47.0



#31

Cyclohexane

Concen: 1.424 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX045546.D

Acq: 02 Apr 2025 14:54

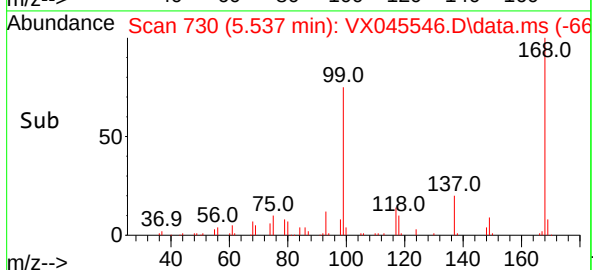
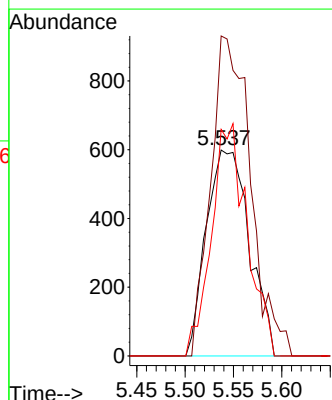
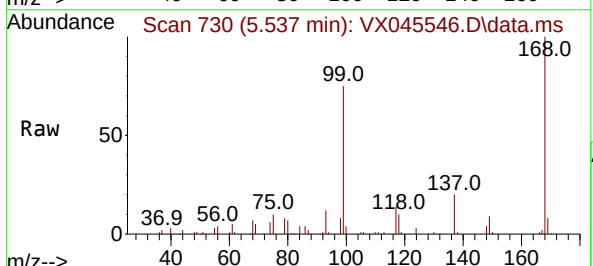
Tgt Ion: 56 Resp: 1858

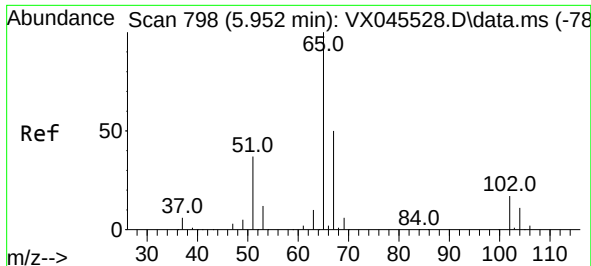
Ion Ratio Lower Upper

56 100

69 155.4 23.6 35.4#

84 110.0 67.7 101.5#





#33

1,2-Dichloroethane-d4

Concen: 53.771 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045546.D

Acq: 02 Apr 2025 14:54

Instrument :

MSVOA_X

ClientSampleId :

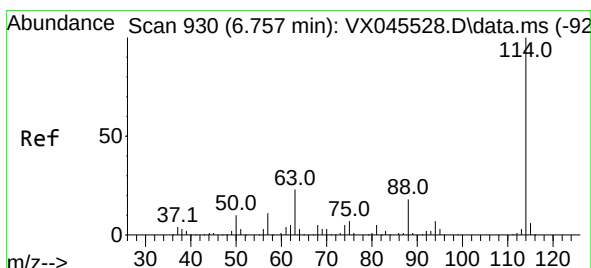
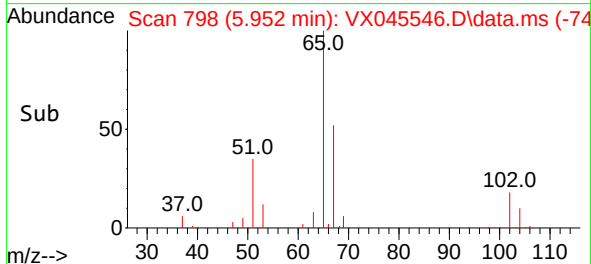
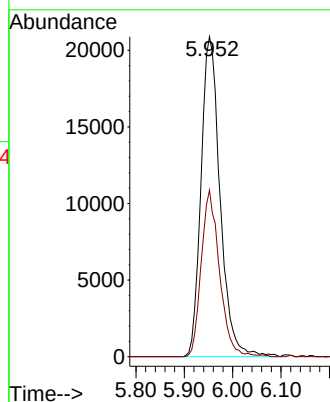
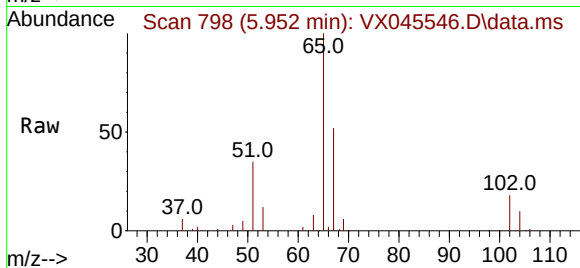
IW-03-55-040125

Tgt Ion: 65 Resp: 57174

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045546.D

Acq: 02 Apr 2025 14:54

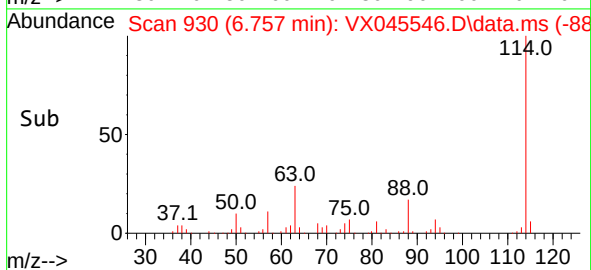
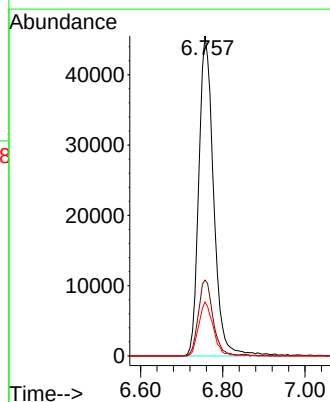
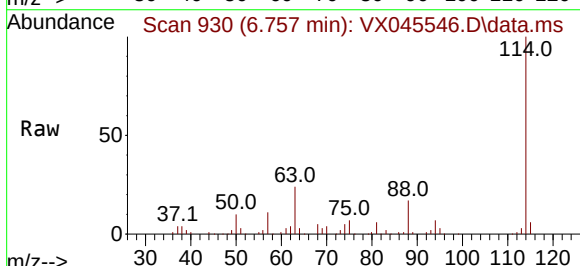
Tgt Ion: 114 Resp: 113862

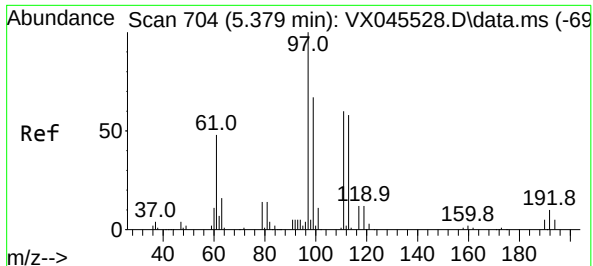
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.8

88 16.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.659 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045546.D

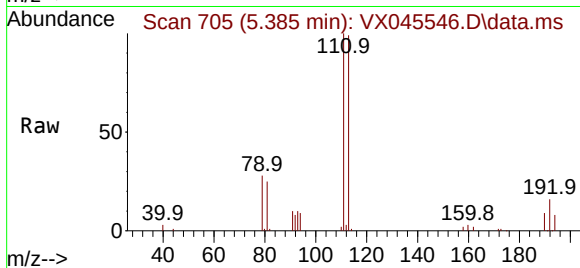
Acq: 02 Apr 2025 14:54

Instrument :

MSVOA_X

ClientSampleId :

IW-03-55-040125



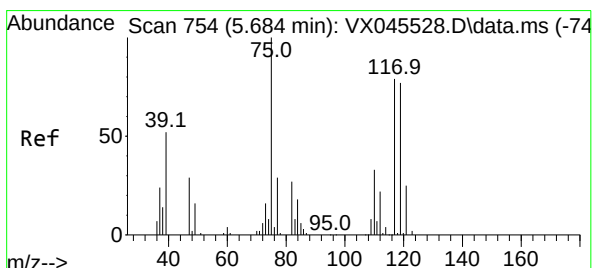
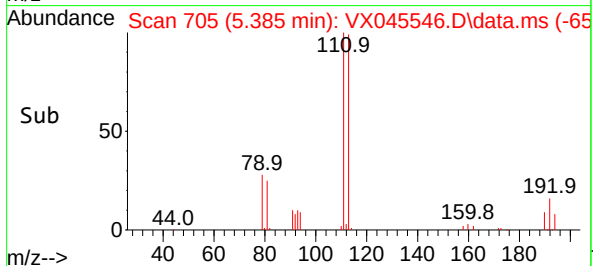
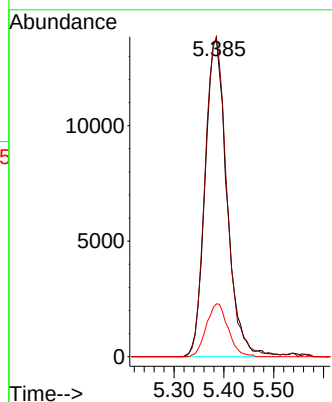
Tgt Ion:113 Resp: 41733

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.6

192 16.6 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.193 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.141 min

Lab File: VX045546.D

Acq: 02 Apr 2025 14:54

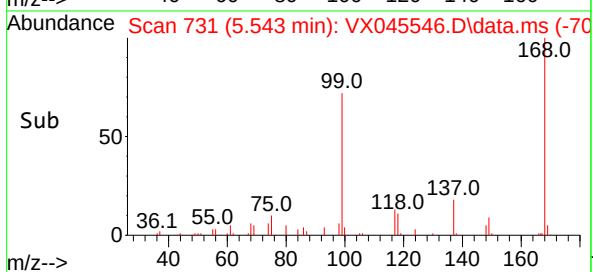
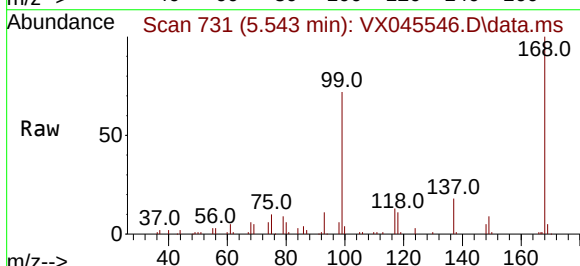
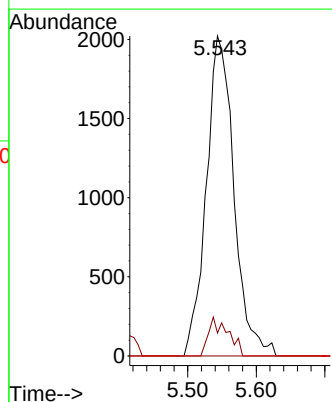
Tgt Ion: 75 Resp: 5664

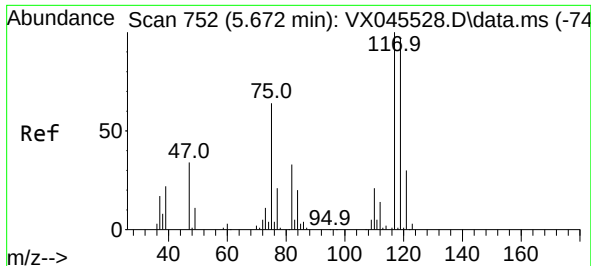
Ion Ratio Lower Upper

75 100

110 8.5 16.9 50.6#

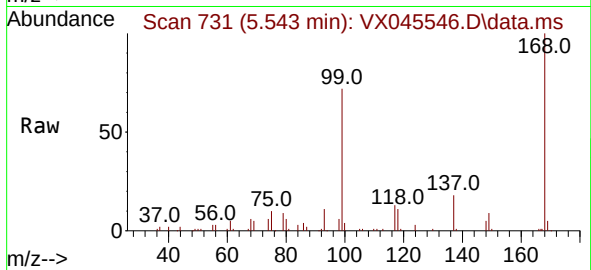
77 0.0 25.0 37.4#



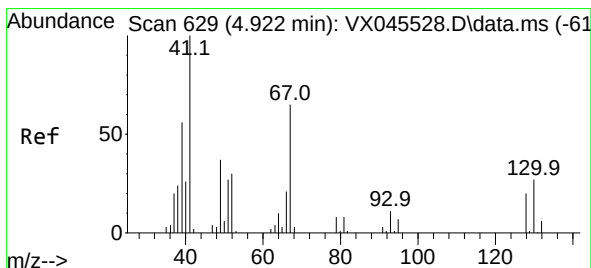
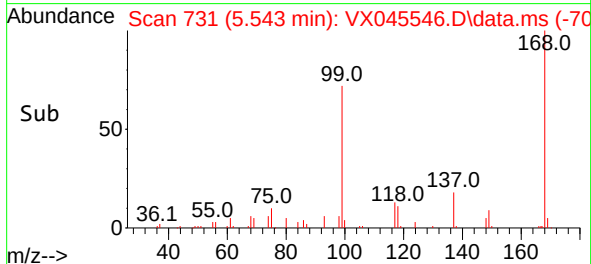
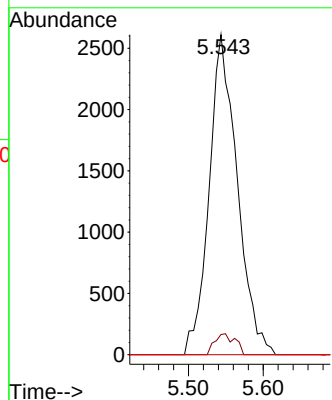


#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045546.D
Acq: 02 Apr 2025 14:54

Instrument :
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ClientSampleId :
IW-03-55-040125

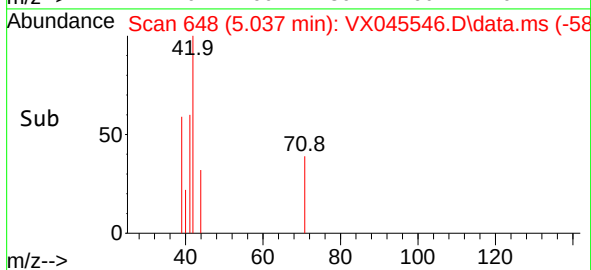
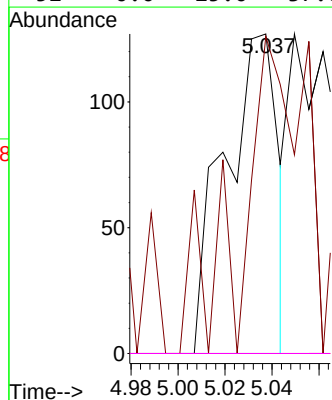
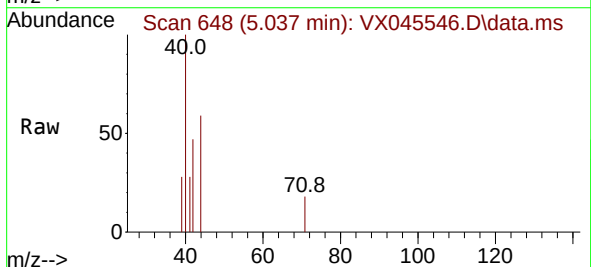


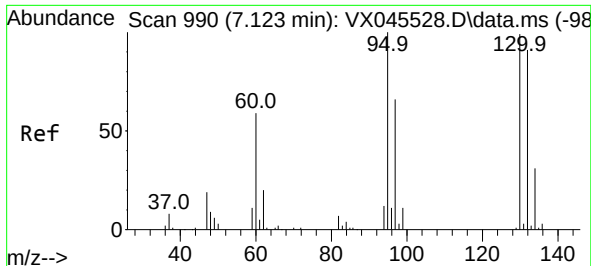
Tgt Ion: 117 Resp: 6836
Ion Ratio Lower Upper
117 100
119 6.3 76.9 115.3#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.277 ug/l
RT: 5.037 min Scan# 648
Delta R.T. 0.116 min
Lab File: VX045546.D
Acq: 02 Apr 2025 14:54

Tgt Ion: 41 Resp: 201
Ion Ratio Lower Upper
41 100
39 106.0 47.0 70.6#
67 0.0 53.2 79.8#
52 0.0 25.0 37.6#

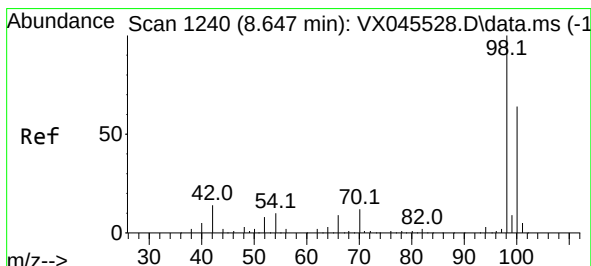
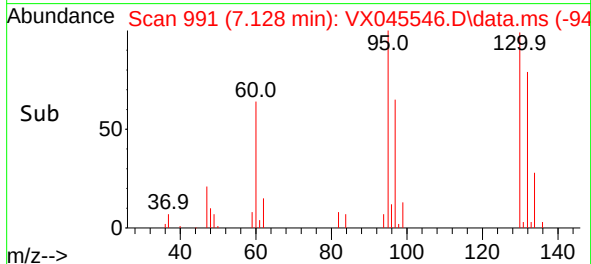
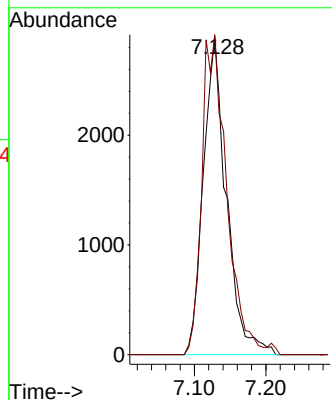
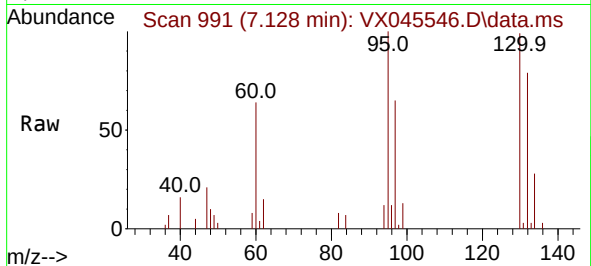




#44
Trichloroethene
Concen: 8.212 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045546.D
Acq: 02 Apr 2025 14:54

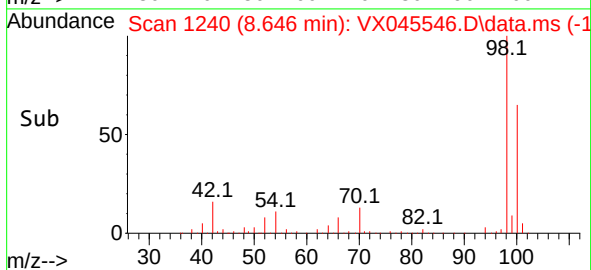
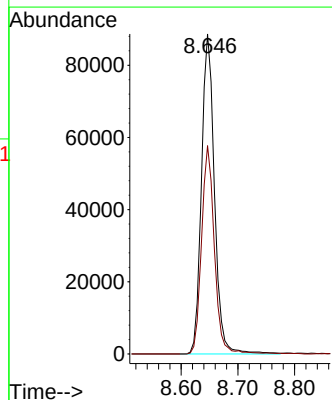
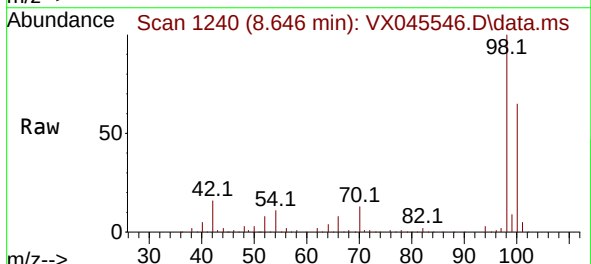
Instrument :
MSVOA_X
ClientSampleId :
IW-03-55-040125

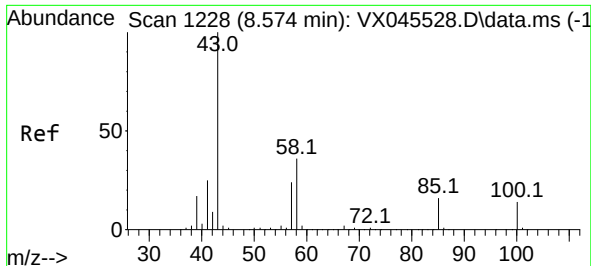
Tgt Ion:130 Resp: 6502
Ion Ratio Lower Upper
130 100
95 100.7 0.0 202.0



#50
Toluene-d8
Concen: 50.061 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045546.D
Acq: 02 Apr 2025 14:54

Tgt Ion: 98 Resp: 141159
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4

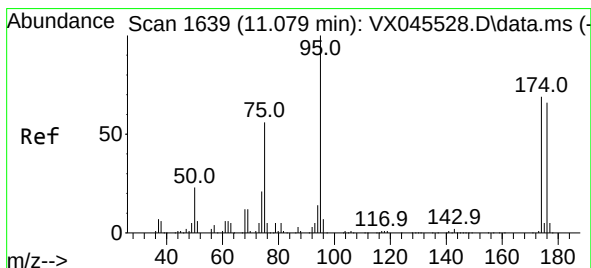
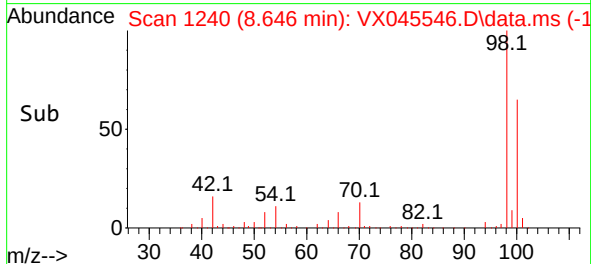
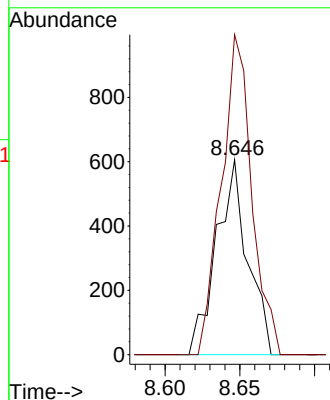
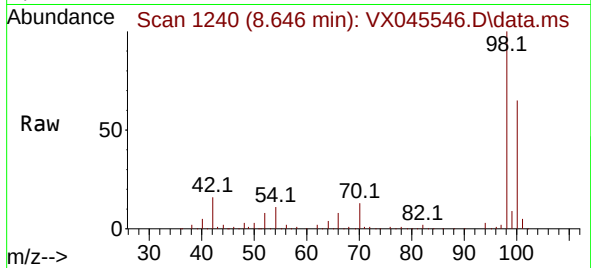




#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045546.D
Acq: 02 Apr 2025 14:54

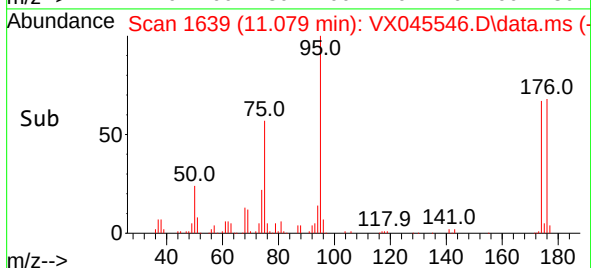
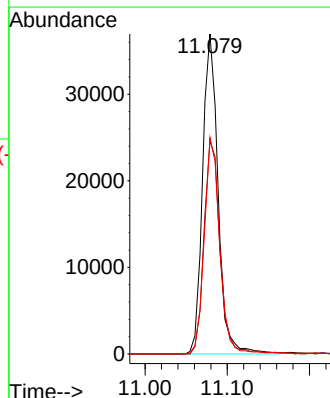
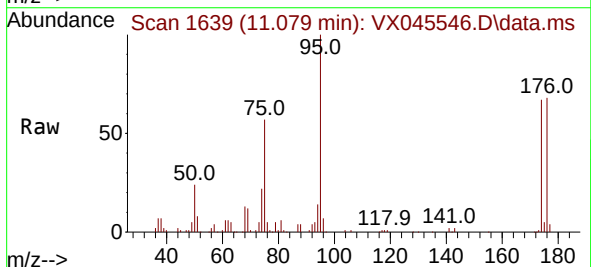
Instrument :
MSVOA_X
ClientSampleId :
IW-03-55-040125

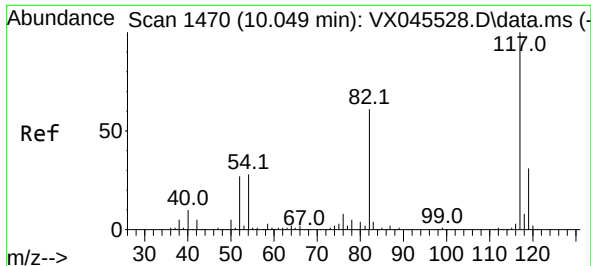
Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
58 159.5 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 47.137 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045546.D
Acq: 02 Apr 2025 14:54

Tgt Ion: 95 Resp: 48414
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 67.3 0.0 131.4

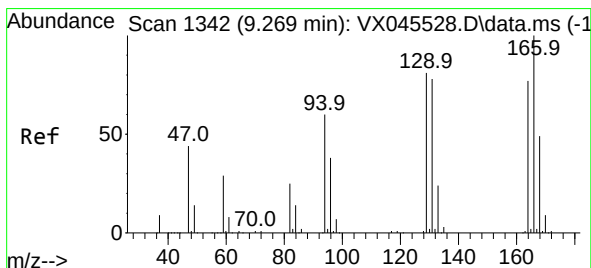
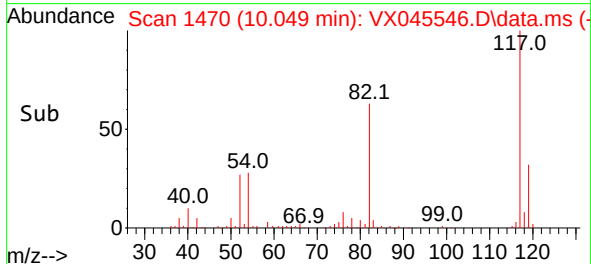
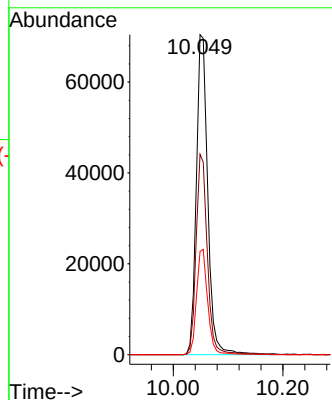
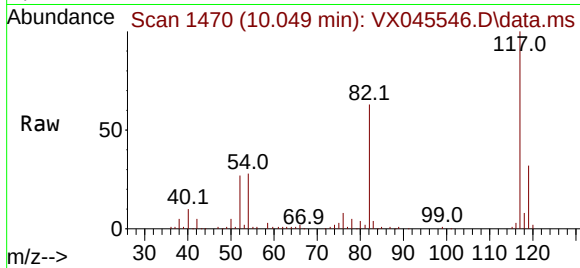




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045546.D
Acq: 02 Apr 2025 14:54

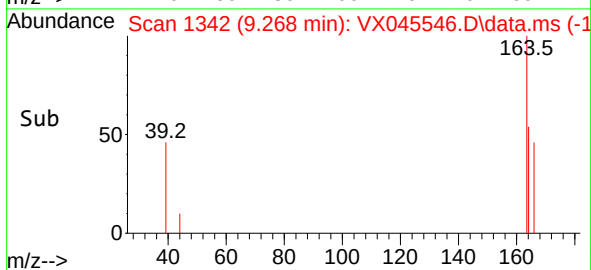
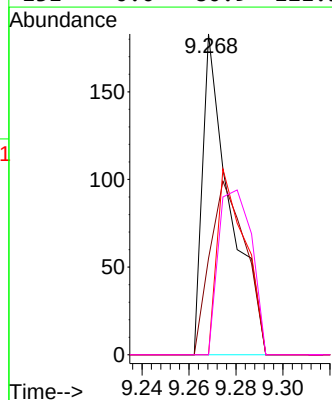
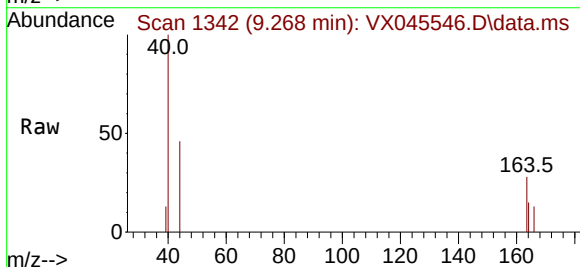
Instrument :
MSVOA_X
ClientSampleId :
IW-03-55-040125

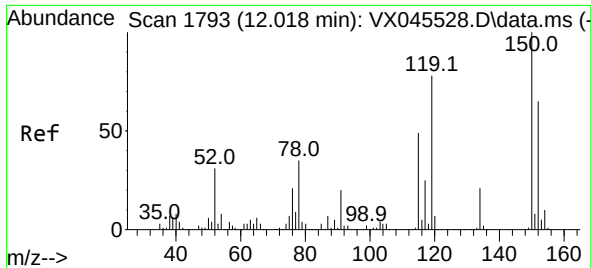
Tgt Ion:117 Resp: 102695
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 32.2 25.1 37.7



#64
Tetrachloroethene
Concen: 0.204 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045546.D
Acq: 02 Apr 2025 14:54

Tgt Ion:164 Resp: 148
Ion Ratio Lower Upper
164 100
166 30.1 103.8 155.8#
129 0.0 84.3 126.5#
131 0.0 80.9 121.3#

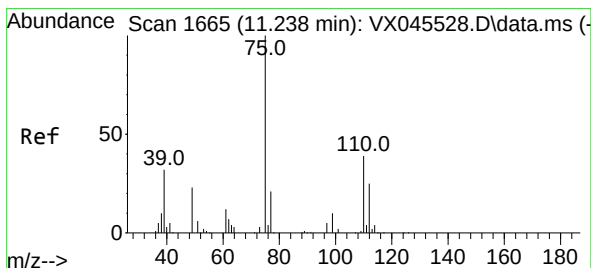
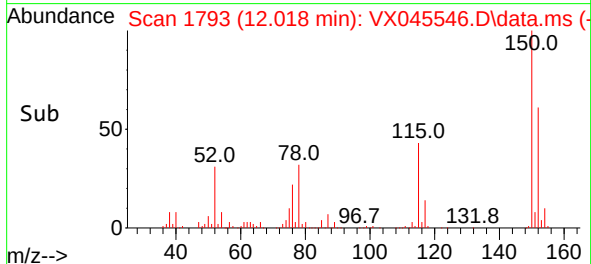
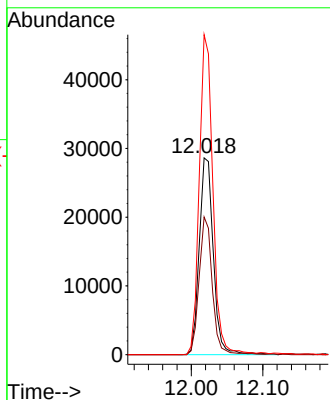
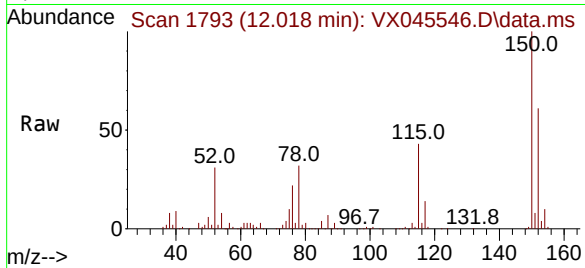




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045546.D
 Acq: 02 Apr 2025 14:54

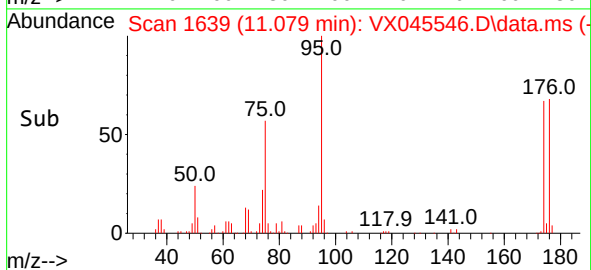
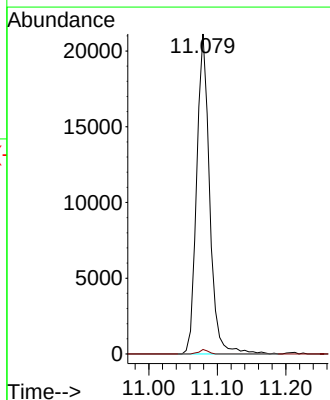
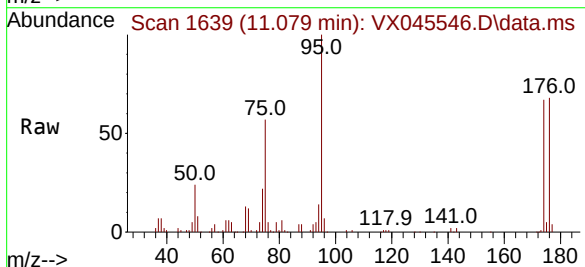
Instrument :
 MSVOA_X
 ClientSampleId :
 IW-03-55-040125

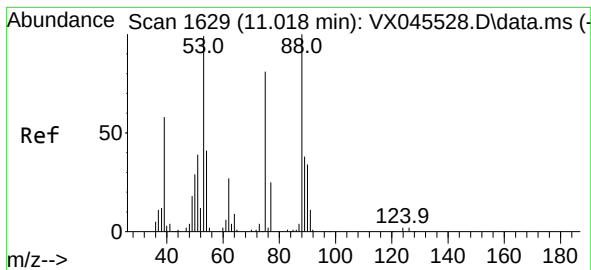
Tgt Ion:152 Resp: 39273
 Ion Ratio Lower Upper
 152 100
 115 65.6 46.9 140.7
 150 156.8 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 29.110 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045546.D
 Acq: 02 Apr 2025 14:54

Tgt Ion: 75 Resp: 27886
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.795 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045546.D
 Acq: 02 Apr 2025 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 IW-03-55-040125

Tgt Ion: 75 Resp: 27886
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

