

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045742.D
 Acq On : 11 Apr 2025 15:28
 Operator : JC/MD
 Sample : Q1782-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Apr 11 23:05:42 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)

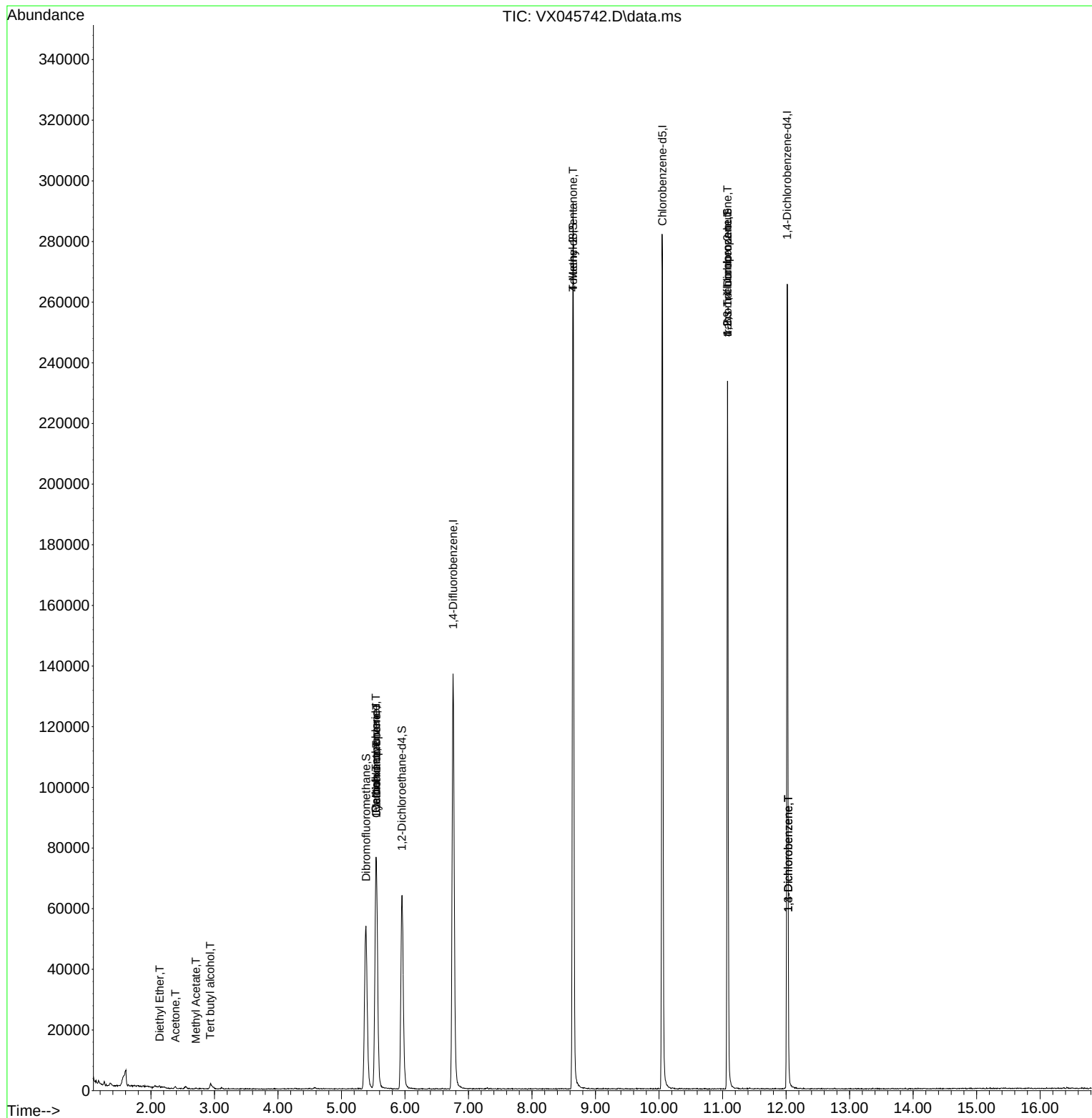
Internal Standards						
1) Pentafluorobenzene	5.543	168	65299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66071	55.329	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.660%
35) Dibromofluoromethane	5.385	113	46646	51.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.380%
50) Toluene-d8	8.646	98	163762	51.487	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.980%
62) 4-Bromofluorobenzene	11.079	95	59714	51.542	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.080%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.135	74	111	0.241	ug/l #	44
11) Tert butyl alcohol	2.934	59	1500	9.347	ug/l #	72
16) Acetone	2.385	43	724	1.476	ug/l	92
18) Methyl Acetate	2.708	43	290	0.257	ug/l #	54
31) Cyclohexane	5.549	56	2095	1.430	ug/l #	51
36) 1,1-Dichloropropene	5.549	75	7085	5.758	ug/l #	50
38) Carbon Tetrachloride	5.543	117	7952	5.980	ug/l #	14
51) 4-Methyl-2-Pentanone	8.646	43	1061	0.681	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34782	28.974	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34782	98.335	ug/l #	1
87) 1,3-Dichlorobenzene	12.036	146	490	0.296	ug/l #	63
88) 1,4-Dichlorobenzene	12.036	146	490	0.292	ug/l #	65

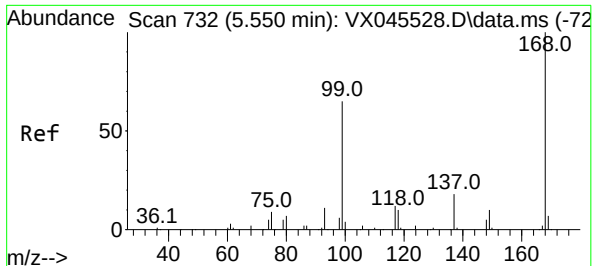
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
Data File : VX045742.D
Acq On : 11 Apr 2025 15:28
Operator : JC/MD
Sample : Q1782-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Apr 11 23:05:42 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

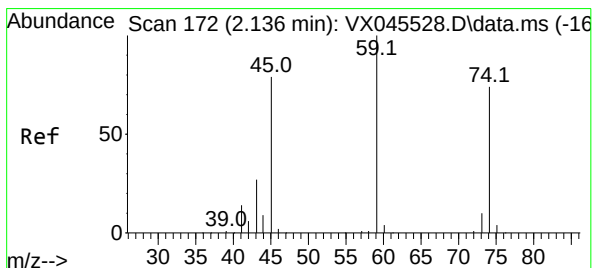
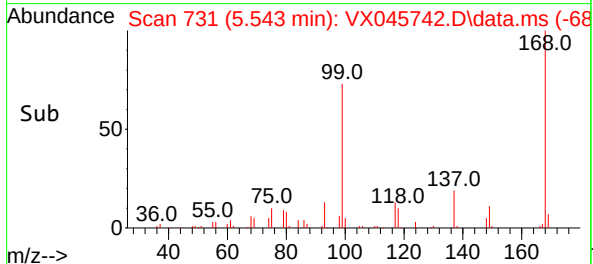
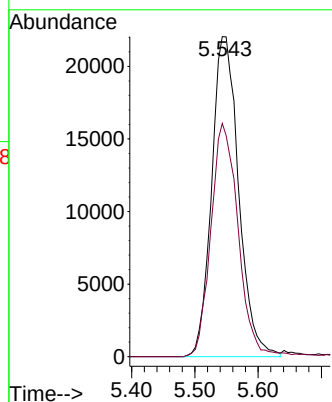
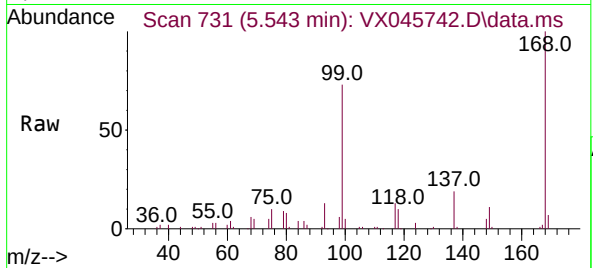




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.007 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

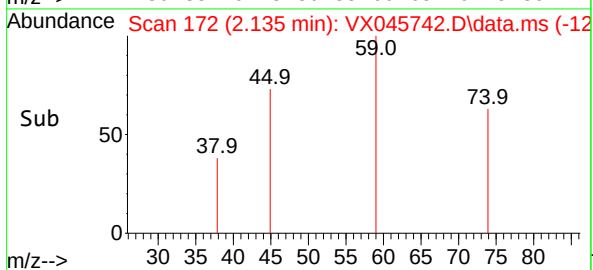
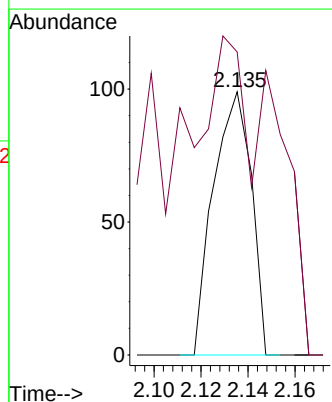
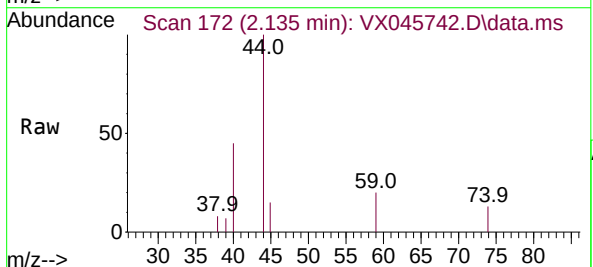
Instrument :
MSVOA_X
ClientSampleId :
MW-2

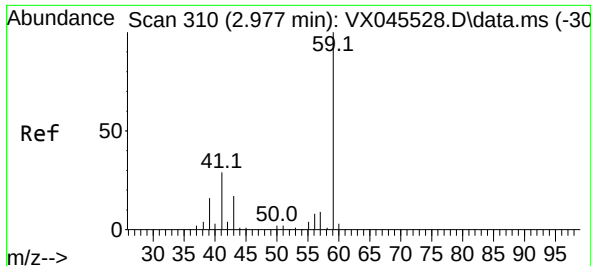
Tgt Ion:168 Resp: 65299
Ion Ratio Lower Upper
168 100
99 72.9 52.3 78.5



#8
Diethyl Ether
Concen: 0.241 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

Tgt Ion: 74 Resp: 111
Ion Ratio Lower Upper
74 100
45 48.6 53.0 159.1#





#11

Tert butyl alcohol

Concen: 9.347 ug/l

RT: 2.934 min Scan# 310

Delta R.T. -0.043 min

Lab File: VX045742.D

Acq: 11 Apr 2025 15:28

Instrument :

MSVOA_X

ClientSampleId :

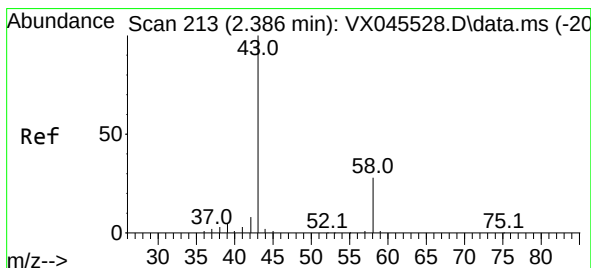
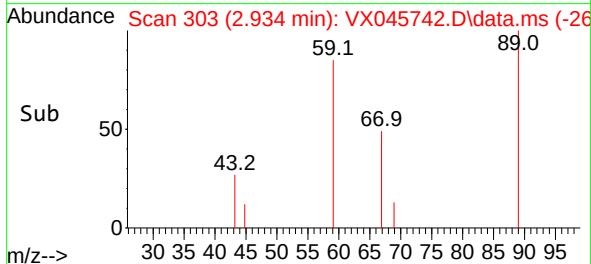
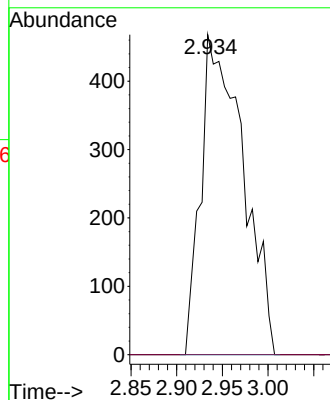
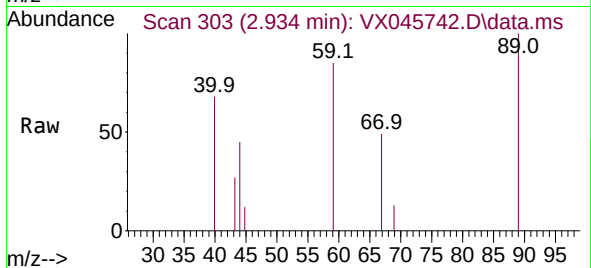
MW-2

Tgt Ion: 59 Resp: 1500

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 1.476 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045742.D

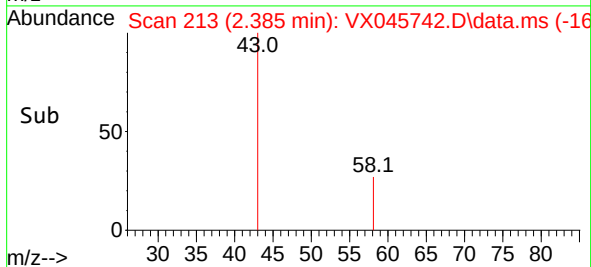
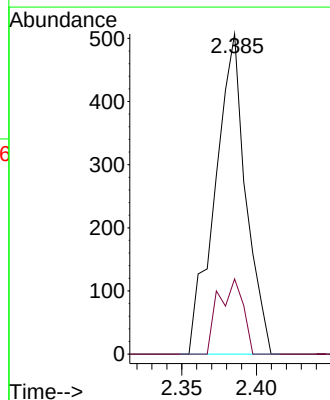
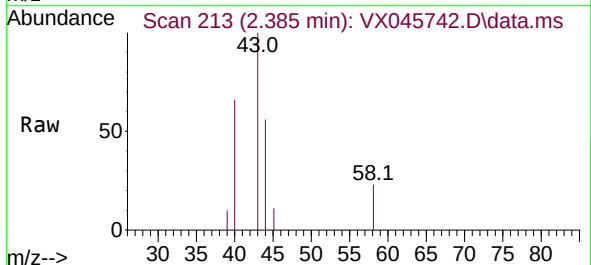
Acq: 11 Apr 2025 15:28

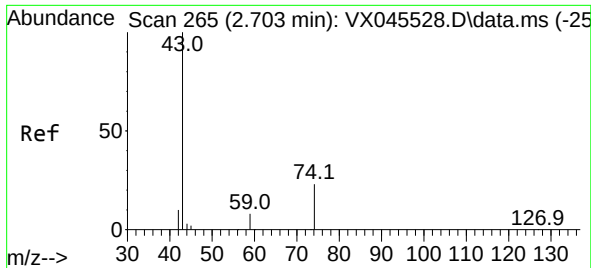
Tgt Ion: 43 Resp: 724

Ion Ratio Lower Upper

43 100

58 23.5 22.3 33.5

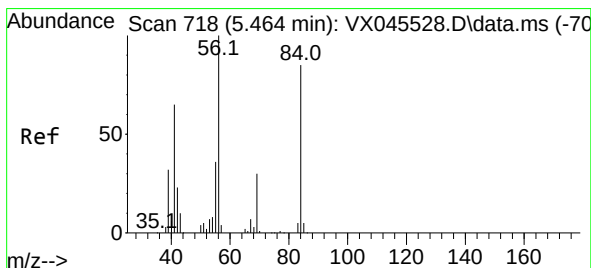
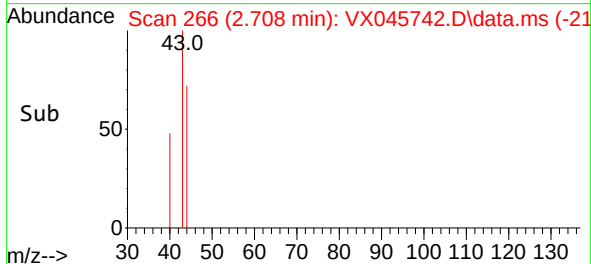
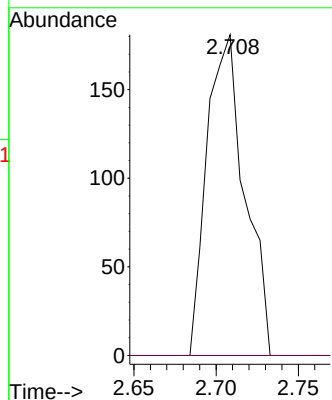
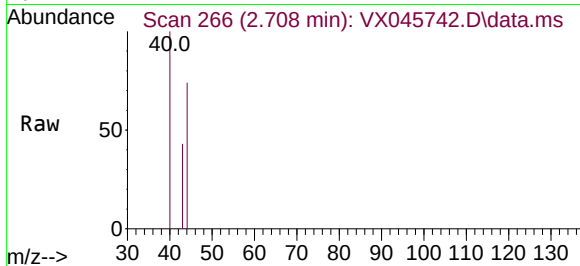




#18
Methyl Acetate
Concen: 0.257 ug/l
RT: 2.708 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

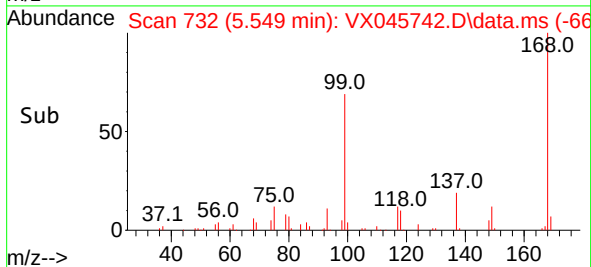
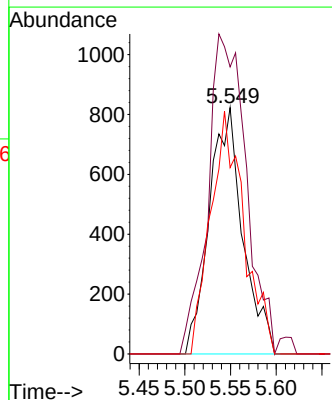
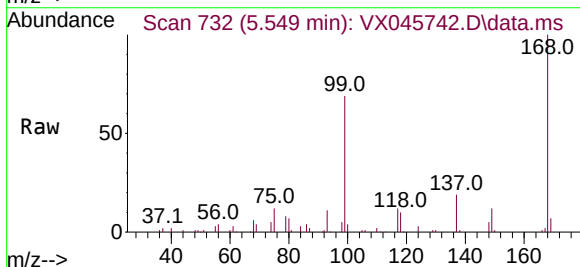
Instrument :
MSVOA_X
ClientSampleId :
MW-2

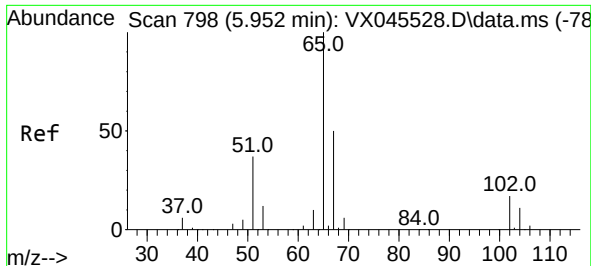
Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 1.430 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

Tgt Ion: 56 Resp: 2095
Ion Ratio Lower Upper
56 100
69 116.5 23.6 35.4#
84 75.7 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 55.329 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045742.D

Acq: 11 Apr 2025 15:28

Instrument :

MSVOA_X

ClientSampleId :

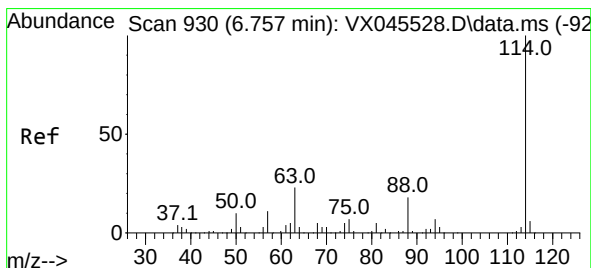
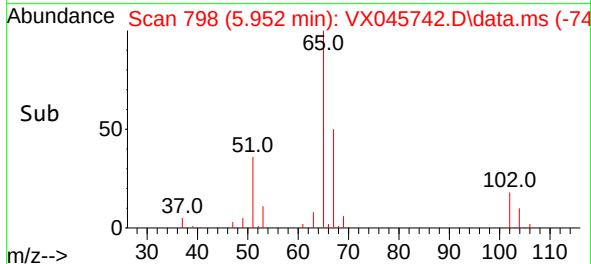
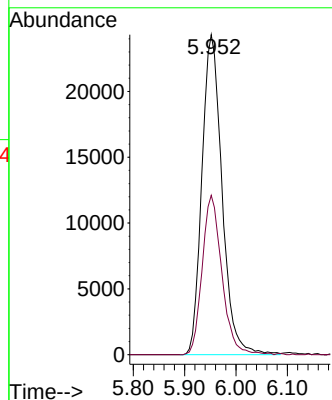
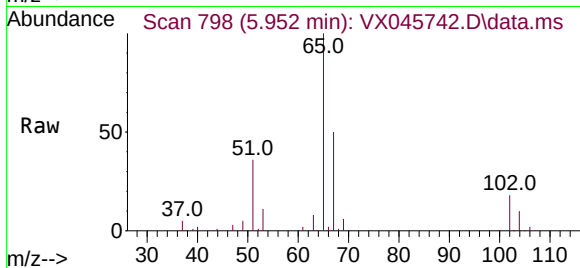
MW-2

Tgt Ion: 65 Resp: 66071

Ion Ratio Lower Upper

65 100

67 48.7 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: VX045742.D

Acq: 11 Apr 2025 15:28

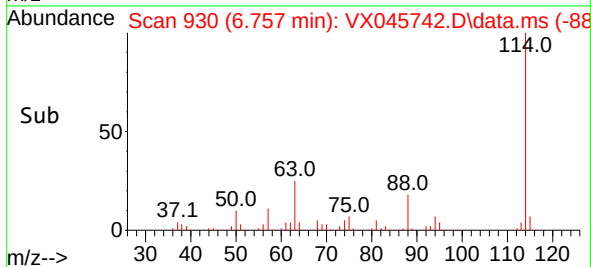
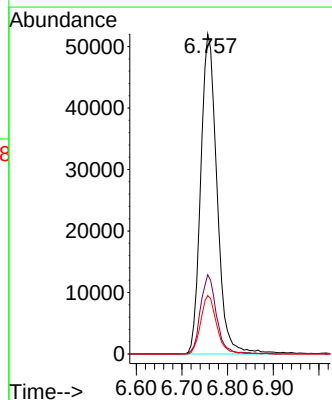
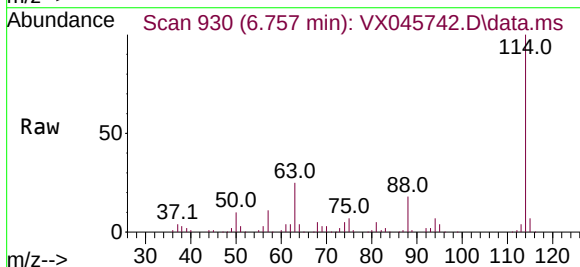
Tgt Ion: 114 Resp: 128436

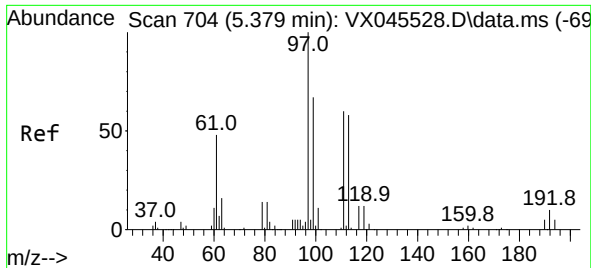
Ion Ratio Lower Upper

114 100

63 24.8 0.0 46.8

88 18.3 0.0 35.4

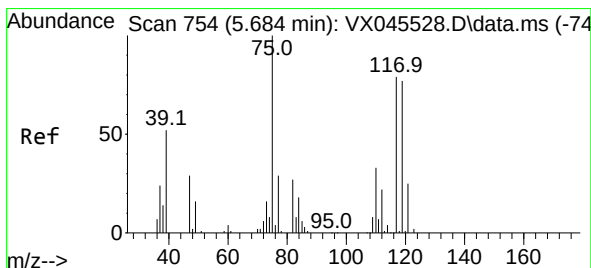
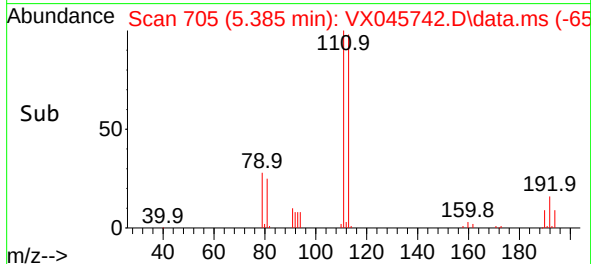
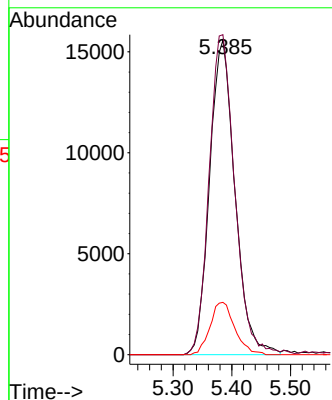
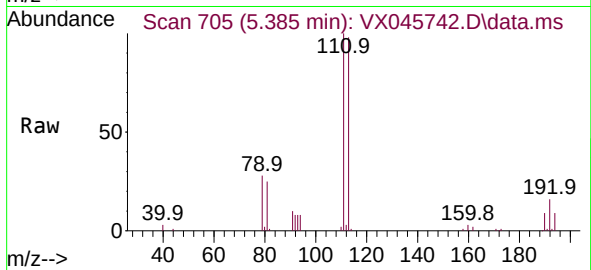




#35
Dibromofluoromethane
Concen: 51.189 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

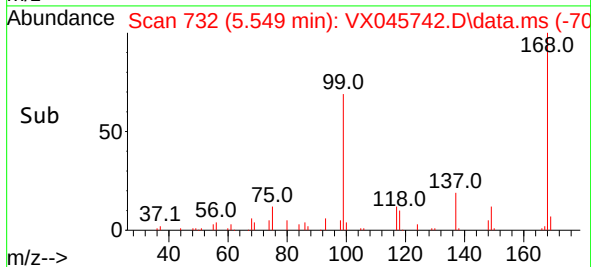
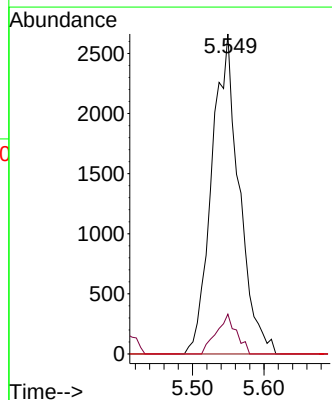
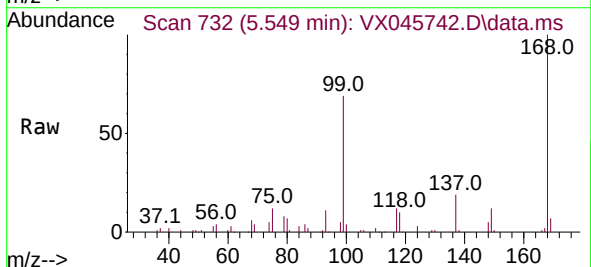
Instrument :
MSVOA_X
ClientSampleId :
MW-2

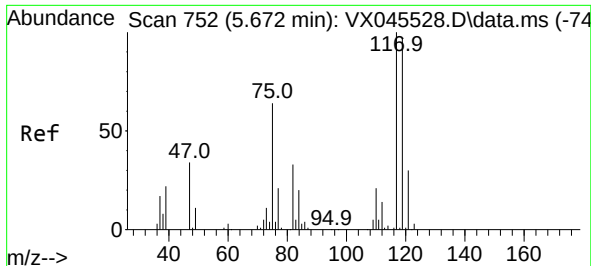
Tgt Ion:113 Resp: 46646
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 16.3 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.758 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

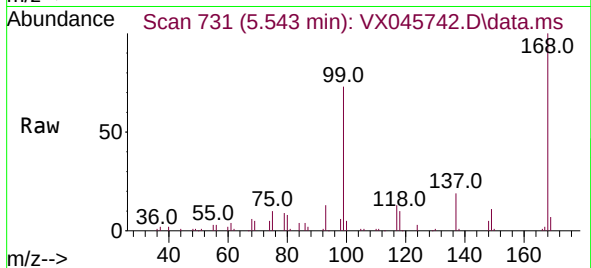
Tgt Ion: 75 Resp: 7085
Ion Ratio Lower Upper
75 100
110 9.1 16.9 50.6#
77 0.0 25.0 37.4#



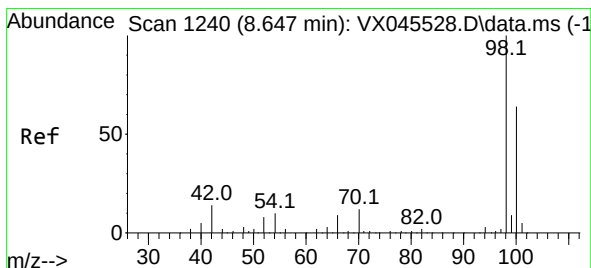
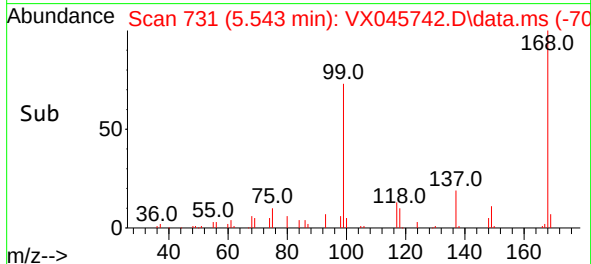
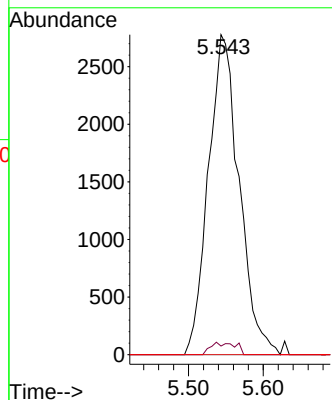


#38
Carbon Tetrachloride
Concen: 5.980 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

Instrument :
MSVOA_X
ClientSampleId :
MW-2

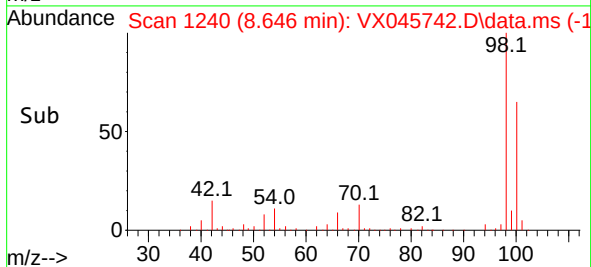
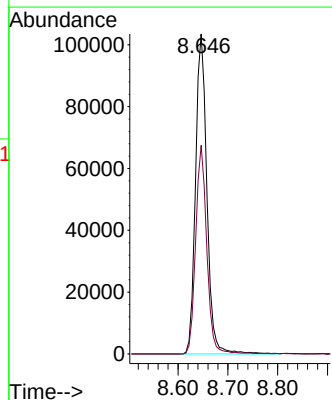
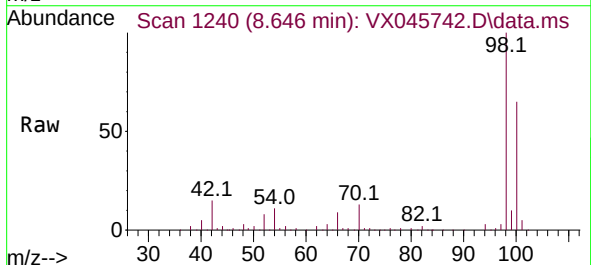


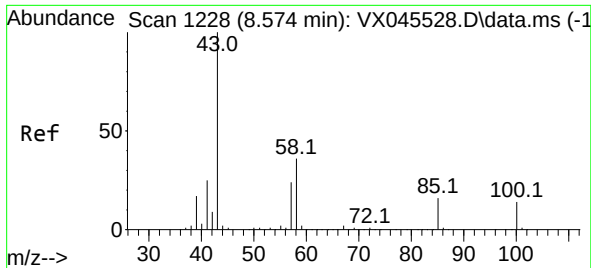
Tgt Ion:117 Resp: 7952
Ion Ratio Lower Upper
117 100
119 2.7 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.487 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

Tgt Ion: 98 Resp: 163762
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4

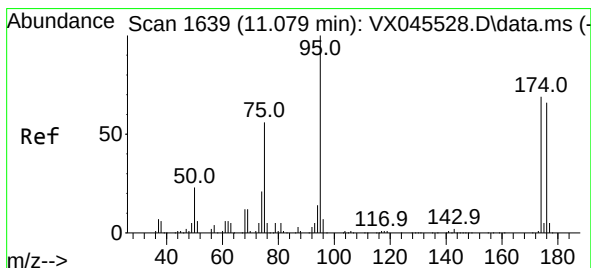
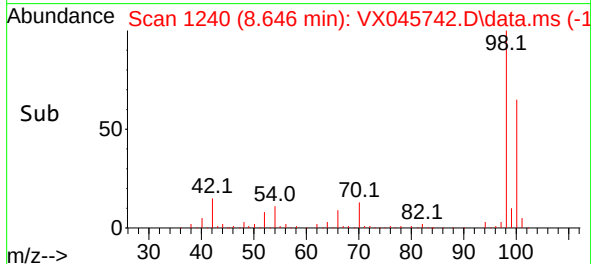
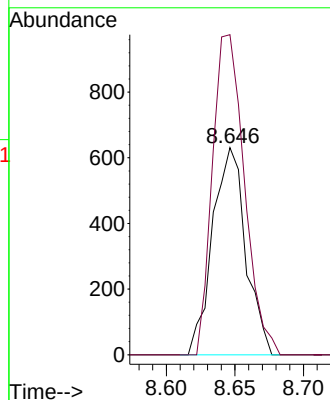
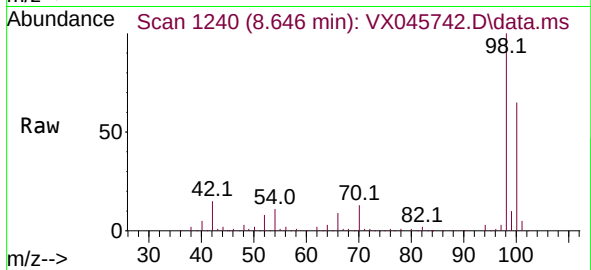




#51
 4-Methyl-2-Pentanone
 Concen: 0.681 ug/l
 RT: 8.646 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX045742.D
 Acq: 11 Apr 2025 15:28

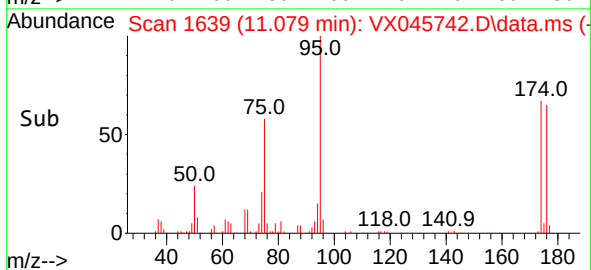
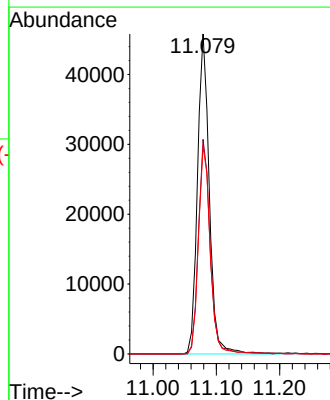
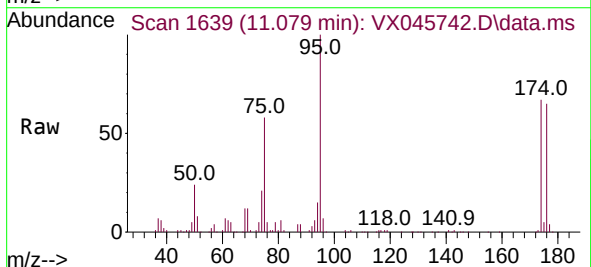
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

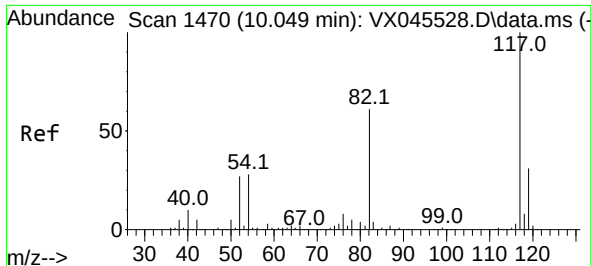
Tgt Ion: 43 Resp: 1061
 Ion Ratio Lower Upper
 43 100
 58 149.1 28.5 42.7#



#62
 4-Bromofluorobenzene
 Concen: 51.542 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX045742.D
 Acq: 11 Apr 2025 15:28

Tgt Ion: 95 Resp: 59714
 Ion Ratio Lower Upper
 95 100
 174 66.2 0.0 135.8
 176 65.0 0.0 131.4

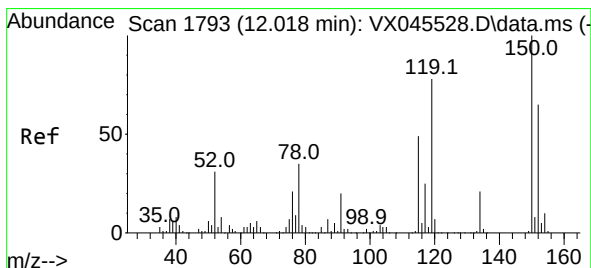
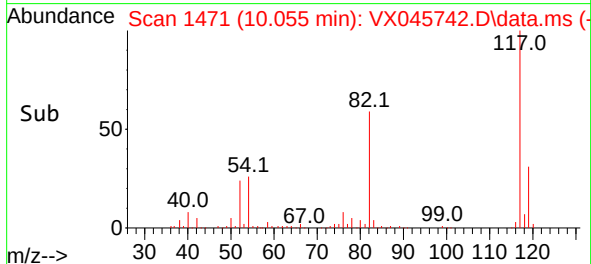
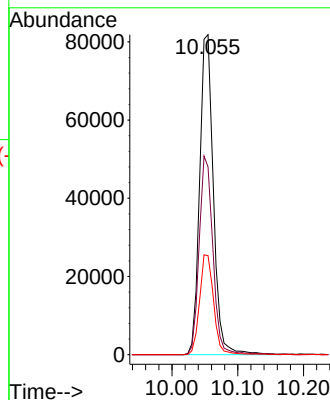
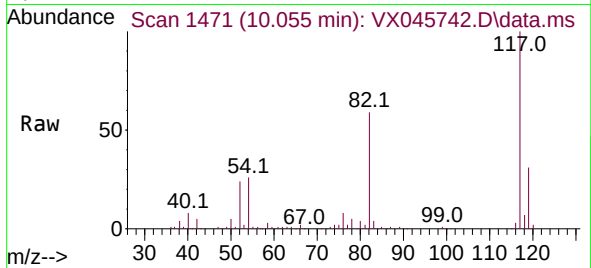




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

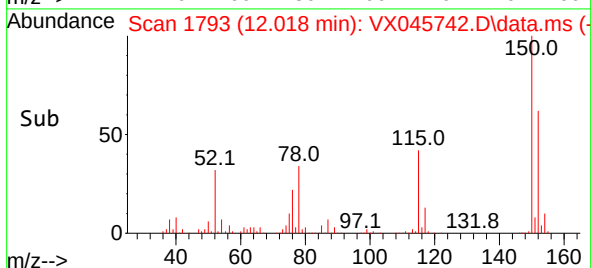
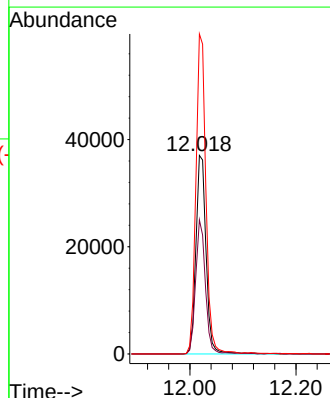
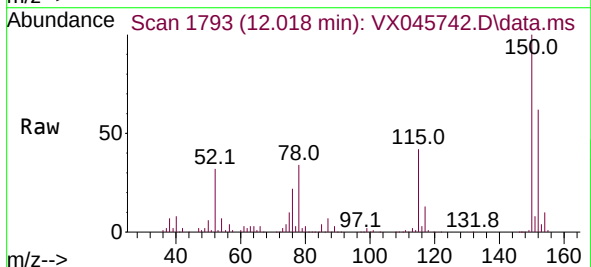
Instrument :
MSVOA_X
ClientSampleId :
MW-2

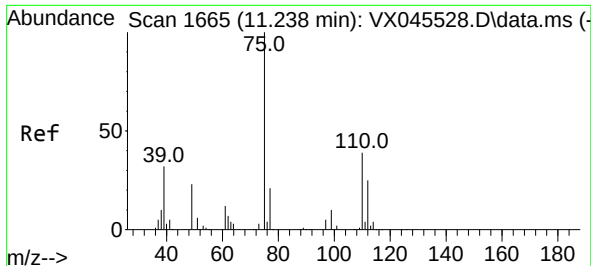
Tgt Ion:117 Resp: 119025
Ion Ratio Lower Upper
117 100
82 58.6 49.2 73.8
119 31.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

Tgt Ion:152 Resp: 49214
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 158.0 0.0 349.4

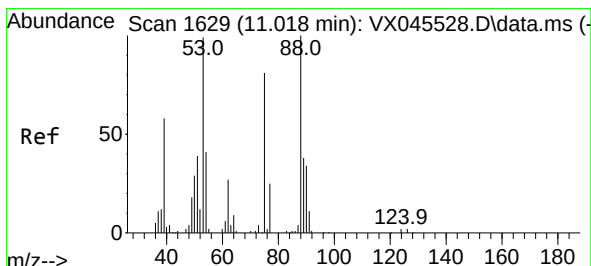
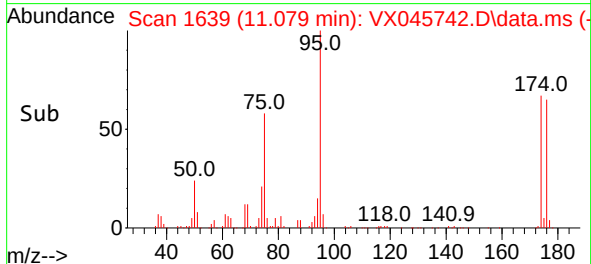
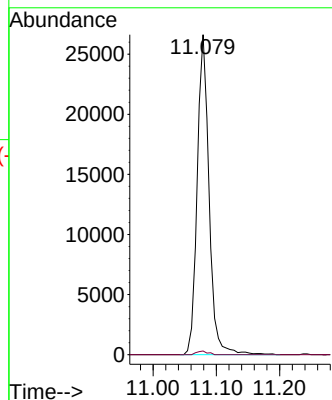
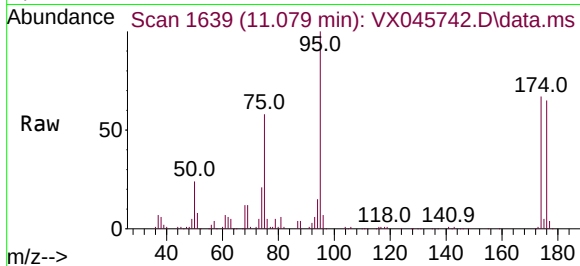




#76
1,2,3-Trichloropropane
Concen: 28.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

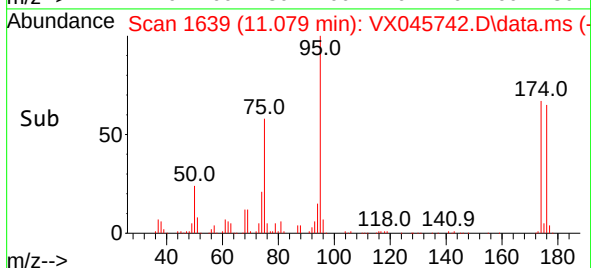
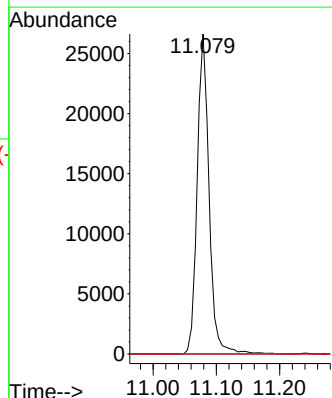
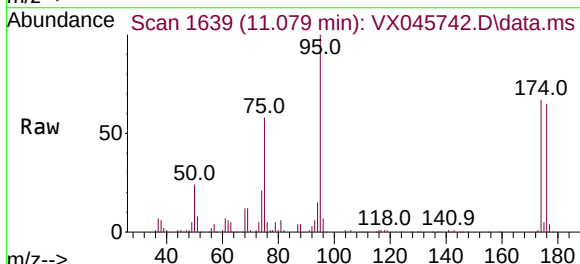
Instrument :
MSVOA_X
ClientSampleId :
MW-2

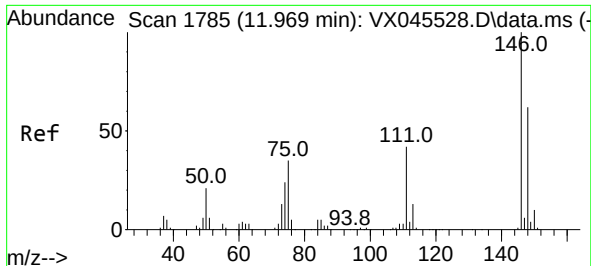
Tgt Ion: 75 Resp: 34782
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.335 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

Tgt Ion: 75 Resp: 34782
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

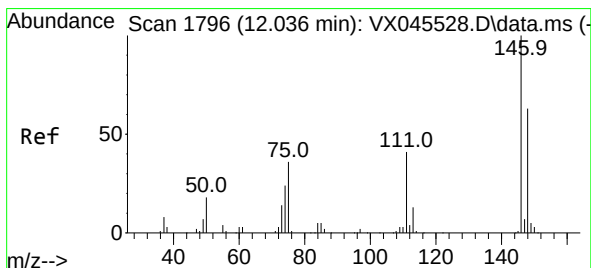
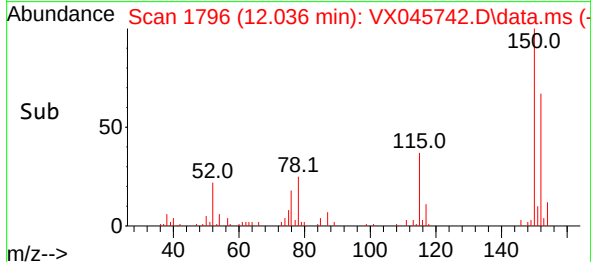
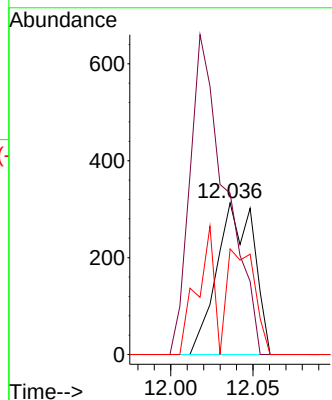
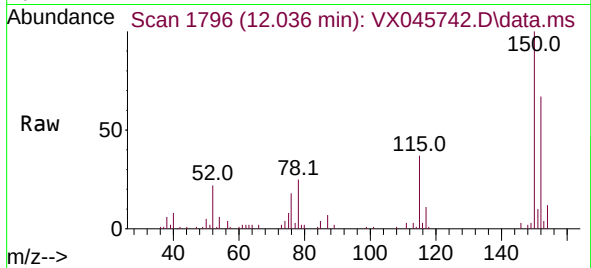




#87
1,3-Dichlorobenzene
Concen: 0.296 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.067 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:146 Resp: 490
Ion Ratio Lower Upper
146 100
111 0.0 22.2 66.6#
148 51.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 0.292 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045742.D
Acq: 11 Apr 2025 15:28

Tgt Ion:146 Resp: 490
Ion Ratio Lower Upper
146 100
111 0.0 20.9 62.8#
148 51.8 31.5 94.5

