

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045741.D
 Acq On : 11 Apr 2025 15:04
 Operator : JC/MD
 Sample : Q1782-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Apr 11 23:05:32 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

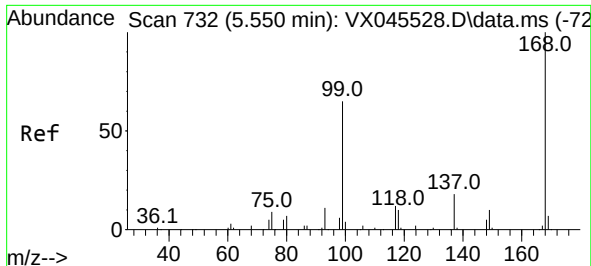
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	68722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132692	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66987	53.302	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.600%	
35) Dibromofluoromethane	5.379	113	48989	52.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.080%	
50) Toluene-d8	8.647	98	167371	50.934	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	11.079	95	60578	50.611	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	758	0.718	ug/l	89
11) Tert butyl alcohol	2.940	59	215	1.273	ug/l #	72
16) Acetone	2.379	43	915	1.773	ug/l #	84
18) Methyl Acetate	2.709	43	281	0.237	ug/l #	54
31) Cyclohexane	5.550	56	2027	1.315	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	6748	5.309	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8077	5.879	ug/l #	16
44) Trichloroethene	7.129	130	203	0.220	ug/l	55
51) 4-Methyl-2-Pentanone	8.647	43	996	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34963	29.292	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34963	99.414	ug/l #	1

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

Quant Time: Apr 11 23:05:32 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

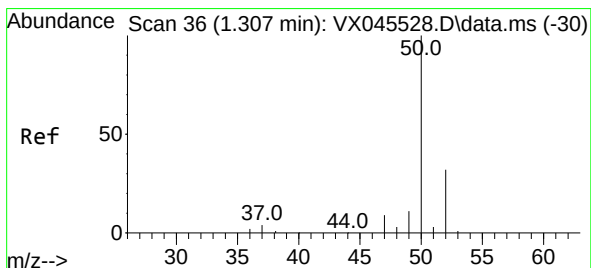
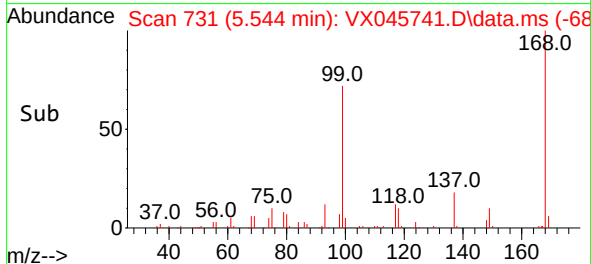
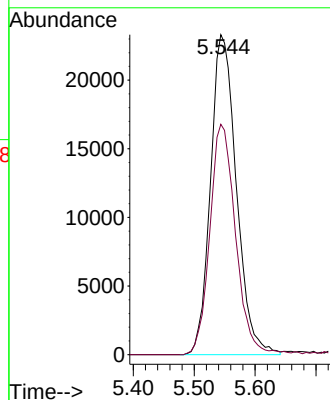
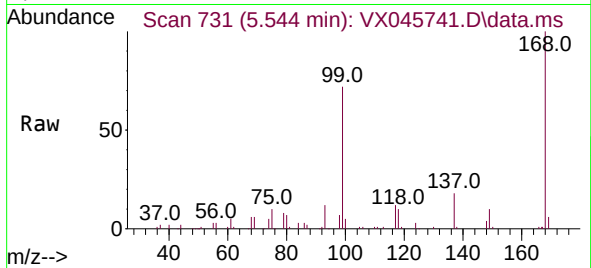




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045741.D
Acq: 11 Apr 2025 15:04

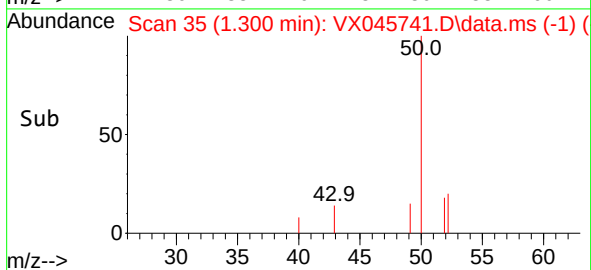
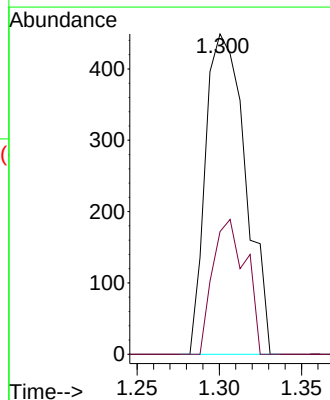
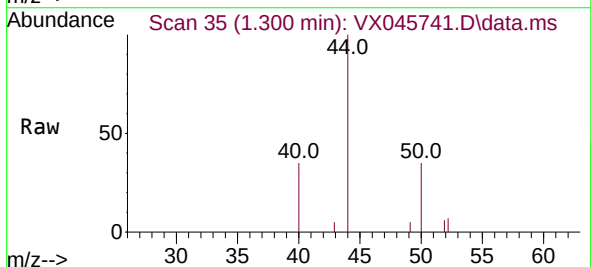
Instrument :
MSVOA_X
ClientSampleId :
MW-1

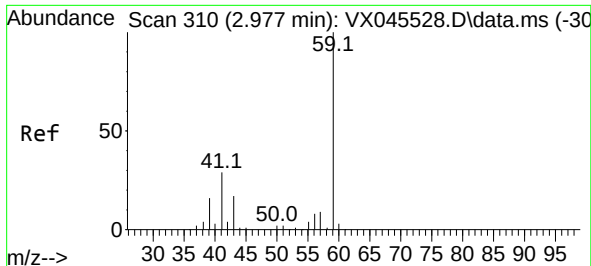
Tgt Ion:168 Resp: 68722
Ion Ratio Lower Upper
168 100
99 72.0 52.3 78.5



#3
Chloromethane
Concen: 0.718 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045741.D
Acq: 11 Apr 2025 15:04

Tgt Ion: 50 Resp: 758
Ion Ratio Lower Upper
50 100
52 38.3 25.9 38.9





#11

Tert butyl alcohol

Concen: 1.273 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.037 min

Lab File: VX045741.D

Acq: 11 Apr 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

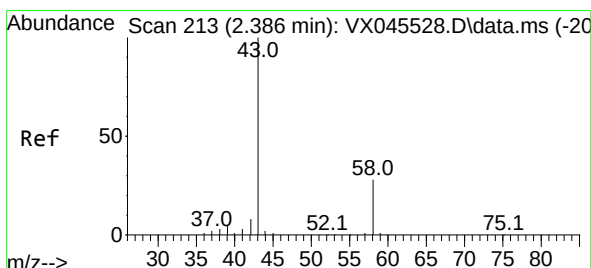
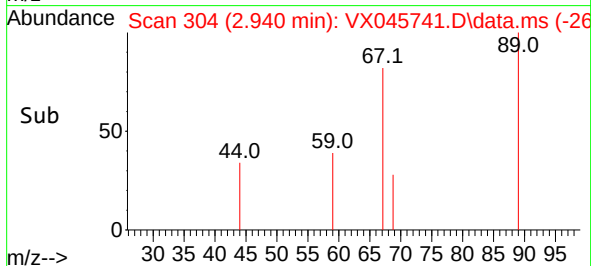
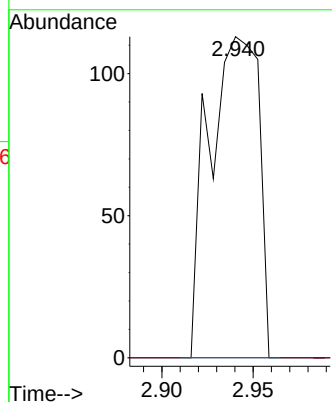
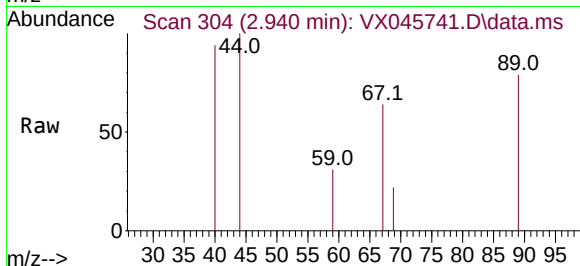
MW-1

Tgt Ion: 59 Resp: 215

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 1.773 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045741.D

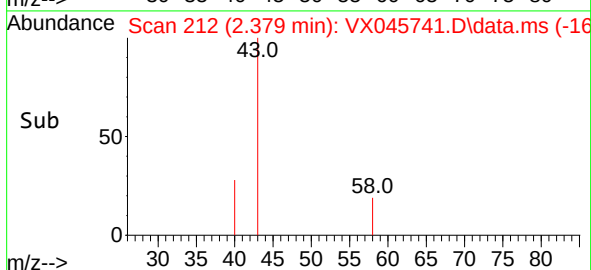
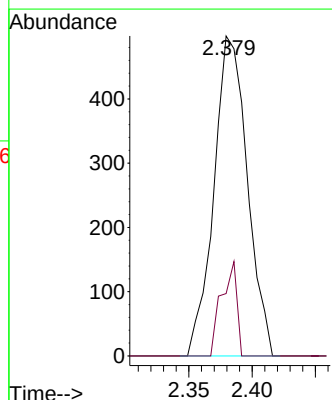
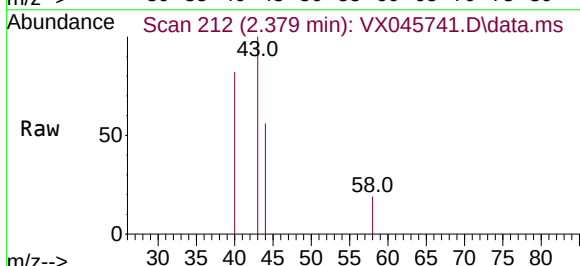
Acq: 11 Apr 2025 15:04

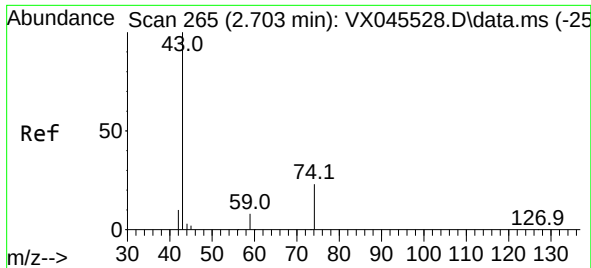
Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

58 19.5 22.3 33.5#

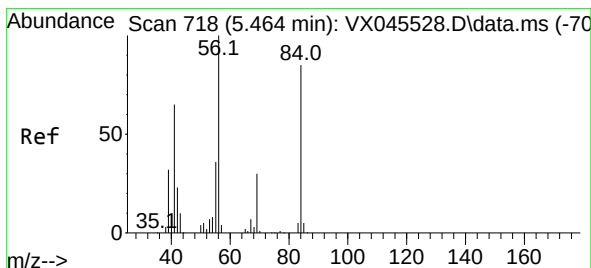
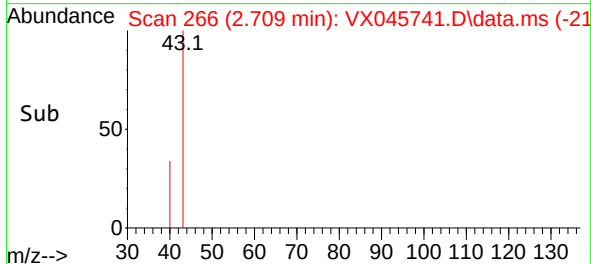
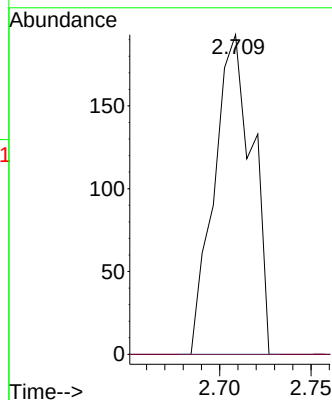
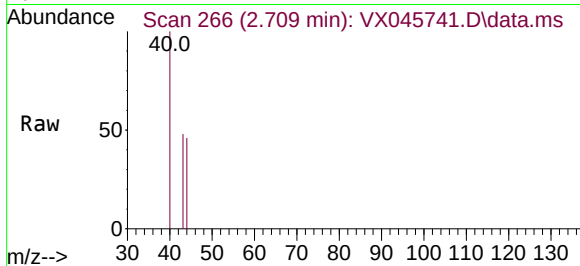




#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045741.D
Acq: 11 Apr 2025 15:04

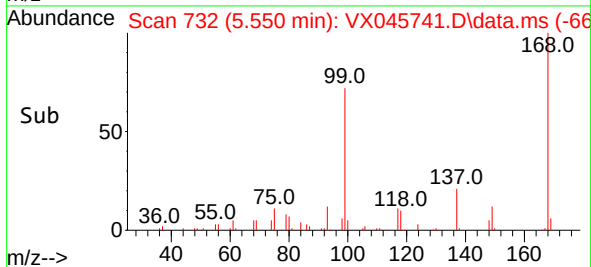
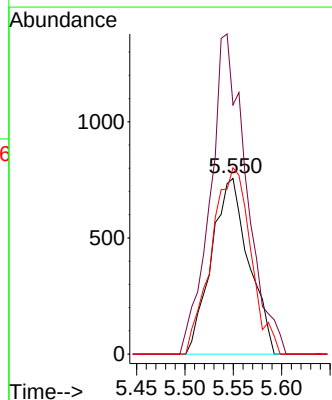
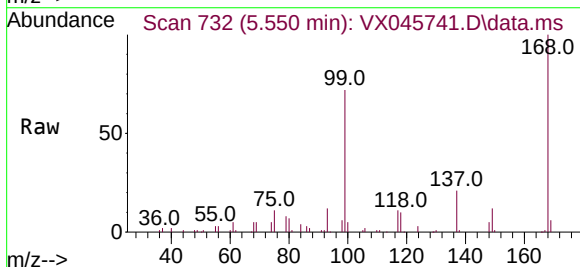
Instrument :
MSVOA_X
ClientSampleId :
MW-1

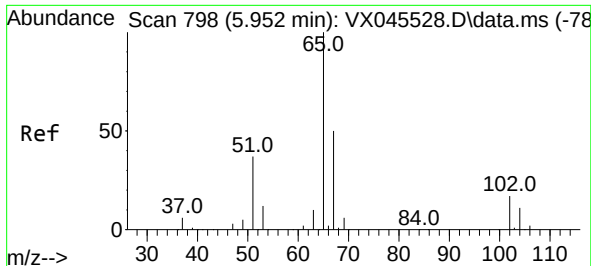
Tgt Ion: 43 Resp: 281
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045741.D
Acq: 11 Apr 2025 15:04

Tgt Ion: 56 Resp: 2027
Ion Ratio Lower Upper
56 100
69 141.9 23.6 35.4#
84 106.1 67.7 101.5#





#33

1,2-Dichloroethane-d4

Concen: 53.302 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045741.D

Acq: 11 Apr 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

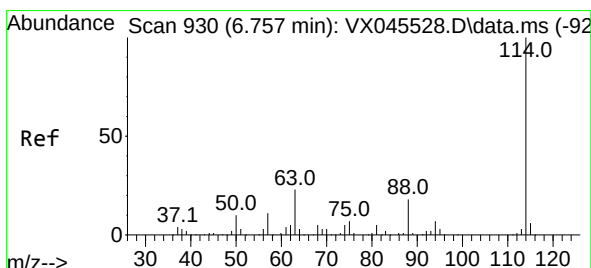
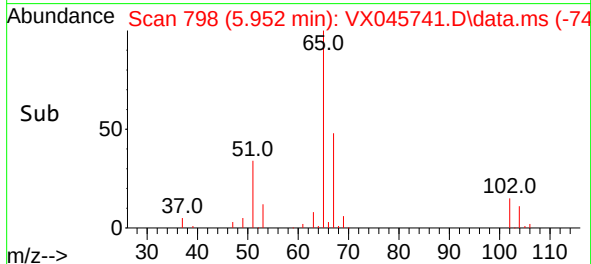
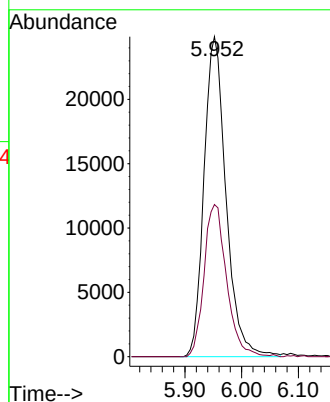
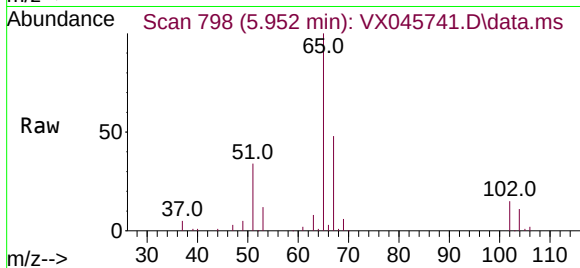
MW-1

Tgt Ion: 65 Resp: 66987

Ion Ratio Lower Upper

65 100

67 48.8 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: VX045741.D

Acq: 11 Apr 2025 15:04

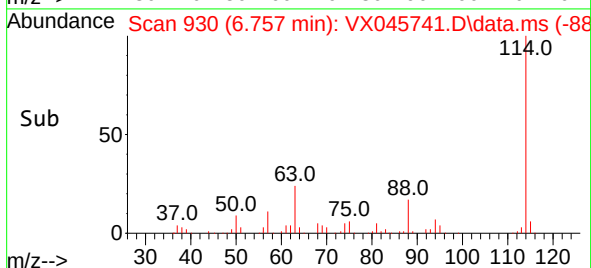
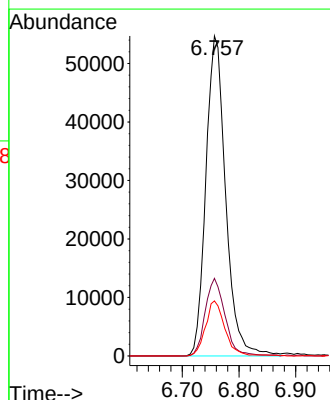
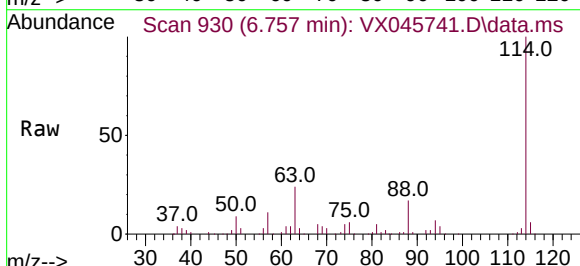
Tgt Ion: 114 Resp: 132692

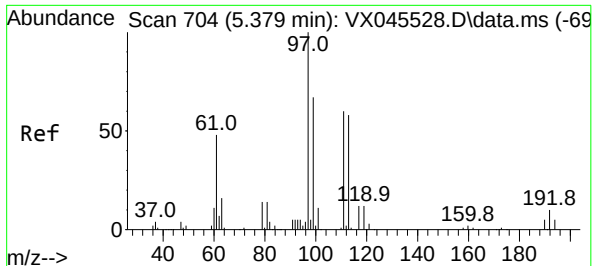
Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.8

88 17.2 0.0 35.4

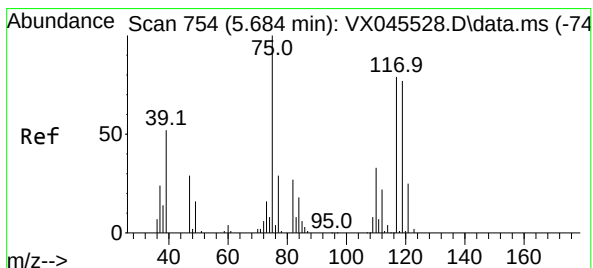
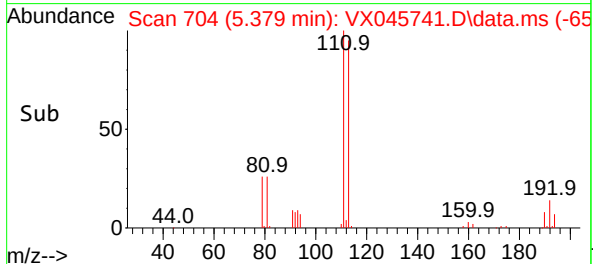
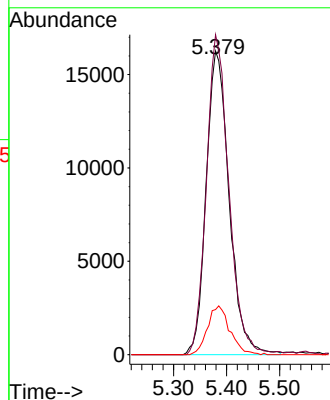
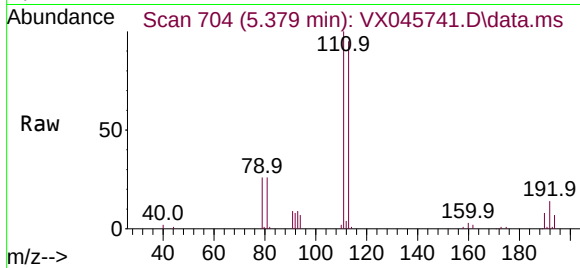




#35
Dibromofluoromethane
Concen: 52.036 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045741.D
Acq: 11 Apr 2025 15:04

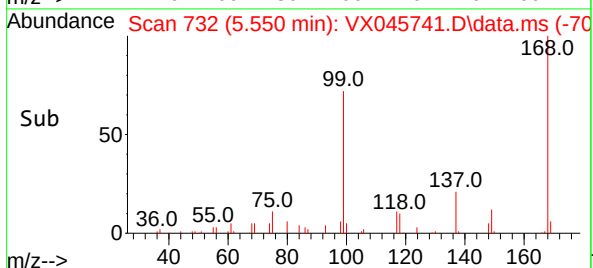
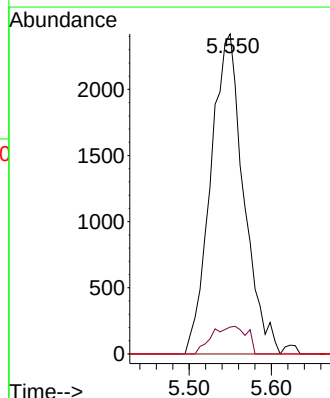
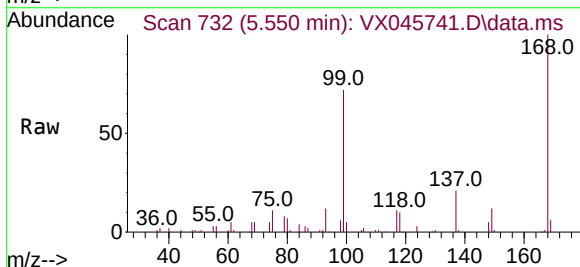
Instrument :
MSVOA_X
ClientSampleId :
MW-1

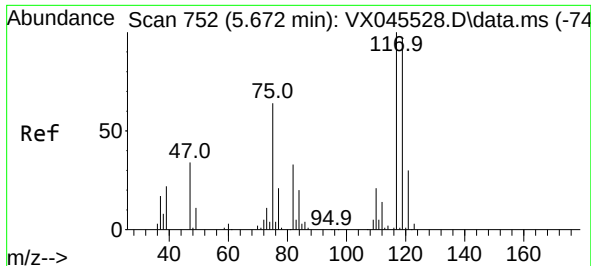
Tgt Ion:	113	Resp:	48989
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	15.7	13.8	20.6



#36
1,1-Dichloropropene
Concen: 5.309 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045741.D
Acq: 11 Apr 2025 15:04

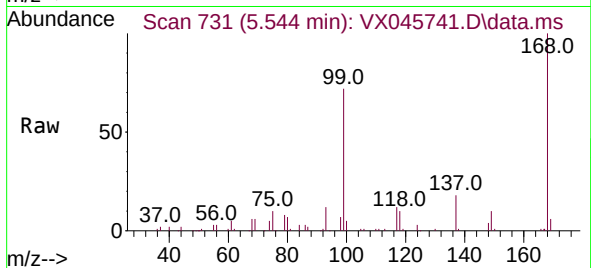
Tgt Ion:	75	Resp:	6748
Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.9	50.6#
77	0.0	25.0	37.4#



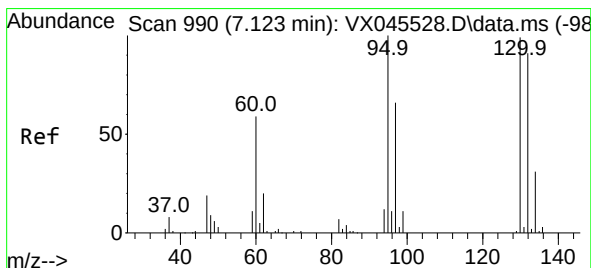
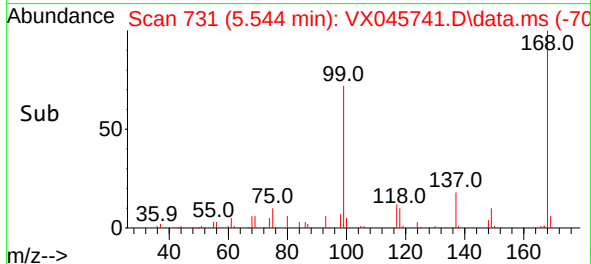
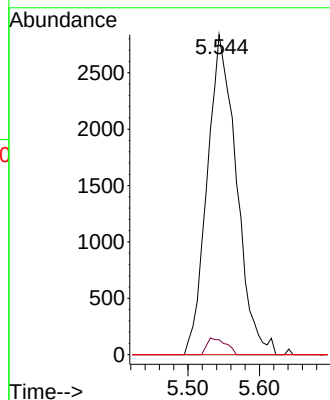


#38
Carbon Tetrachloride
Concen: 5.879 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045741.D
Acq: 11 Apr 2025 15:04

Instrument :
MSVOA_X
ClientSampleId :
MW-1

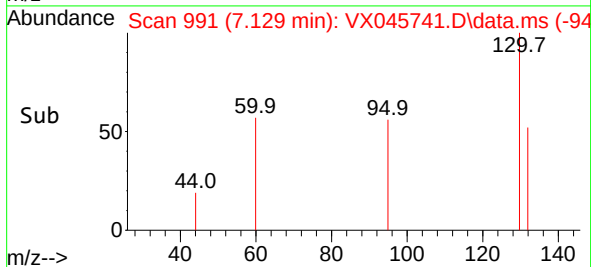
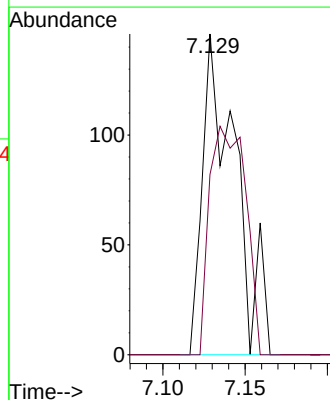
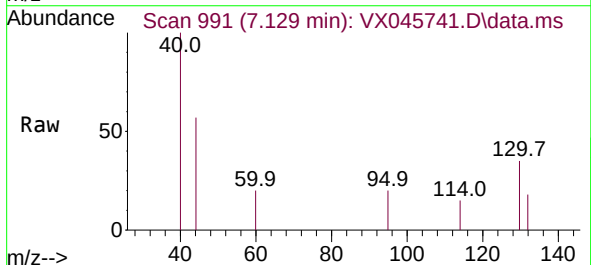


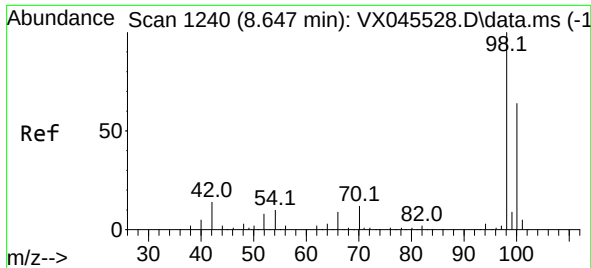
Tgt Ion:117 Resp: 8077
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.220 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045741.D
Acq: 11 Apr 2025 15:04

Tgt Ion:130 Resp: 203
Ion Ratio Lower Upper
130 100
95 56.2 0.0 202.0

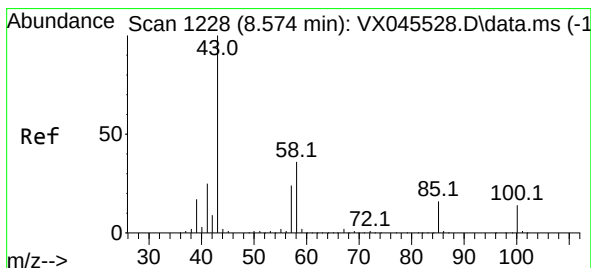
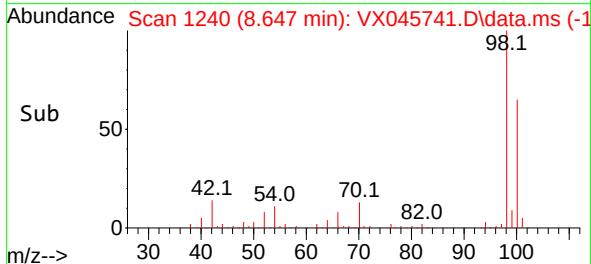
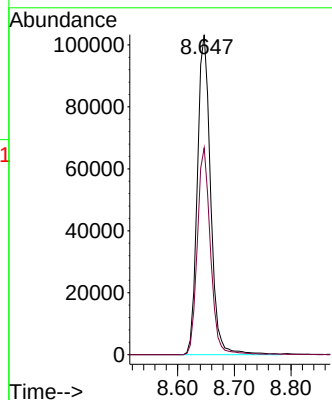
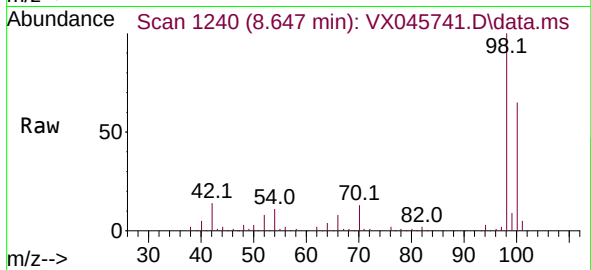




#50
Toluene-d8
Concen: 50.934 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045741.D
Acq: 11 Apr 2025 15:04

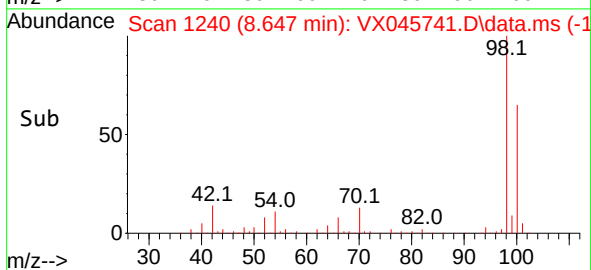
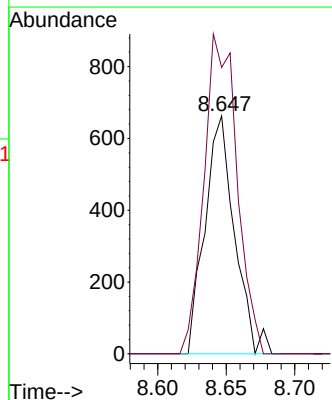
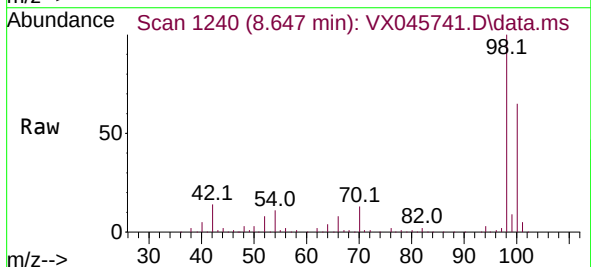
Instrument :
MSVOA_X
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MW-1

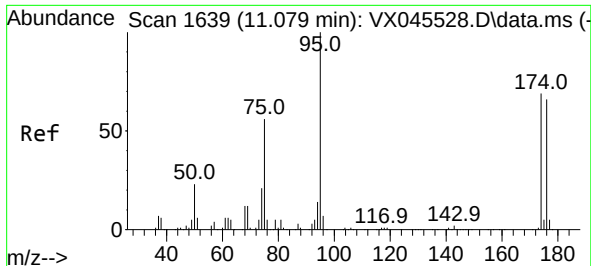
Tgt Ion: 98 Resp: 167371
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.619 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045741.D
Acq: 11 Apr 2025 15:04

Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 149.8 28.5 42.7#





#62

4-Bromofluorobenzene

Concen: 50.611 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045741.D

Acq: 11 Apr 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

MW-1

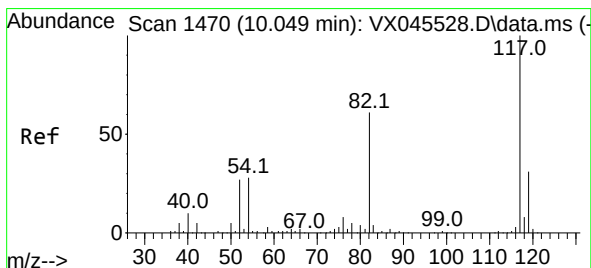
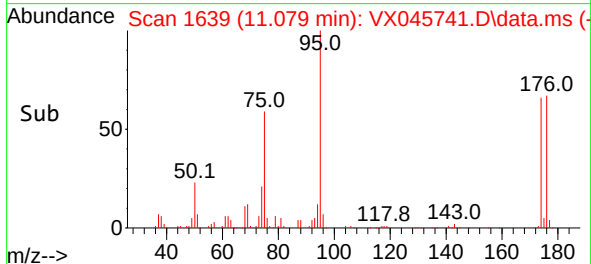
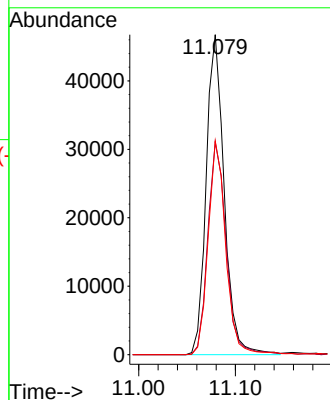
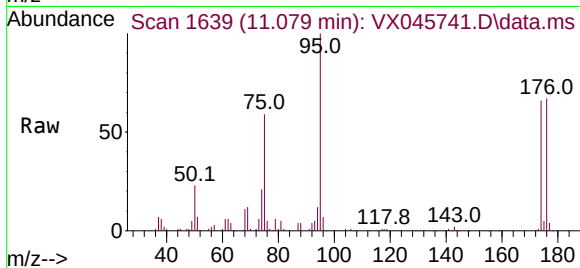
Tgt Ion: 95 Resp: 60578

Ion Ratio Lower Upper

95 100

174 68.1 0.0 135.8

176 65.3 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: VX045741.D

Acq: 11 Apr 2025 15:04

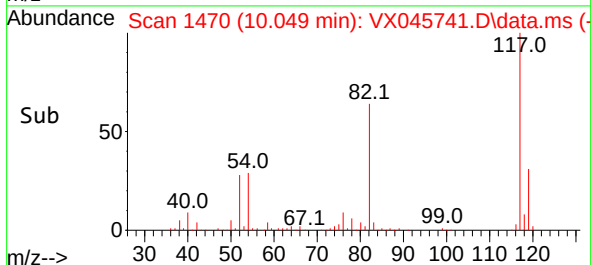
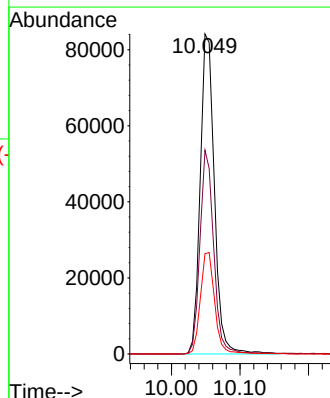
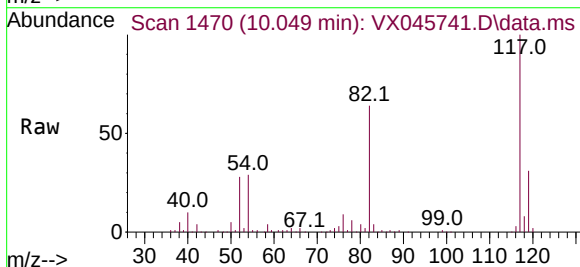
Tgt Ion: 117 Resp: 121469

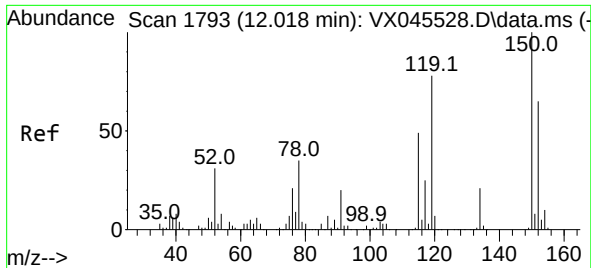
Ion Ratio Lower Upper

117 100

82 63.7 49.2 73.8

119 31.4 25.1 37.7

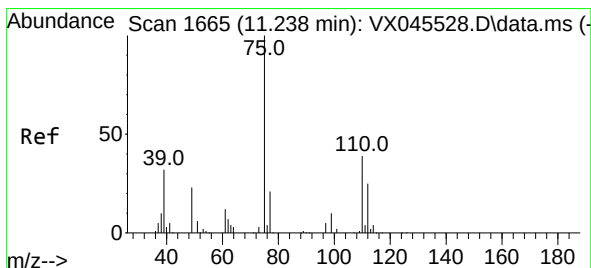
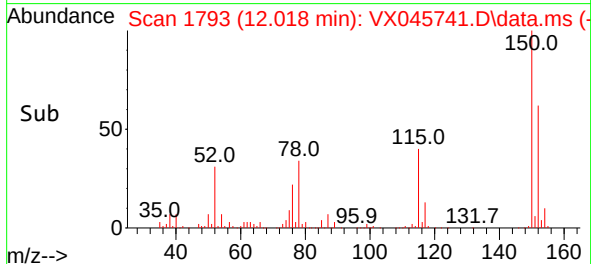
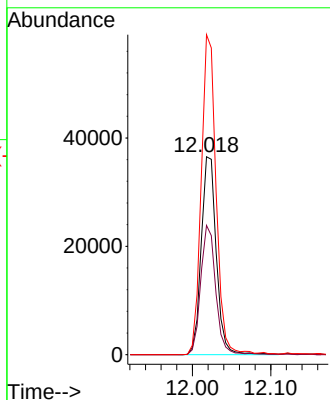
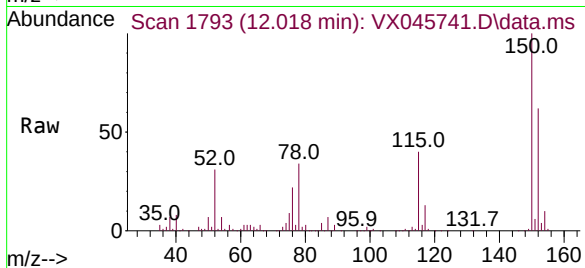




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045741.D
 Acq: 11 Apr 2025 15:04

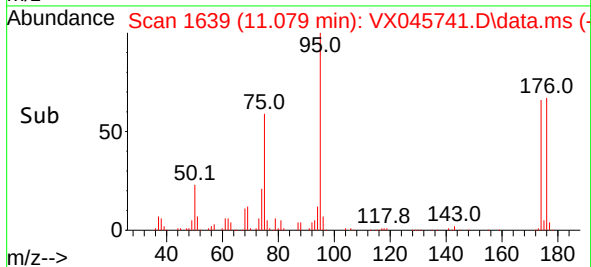
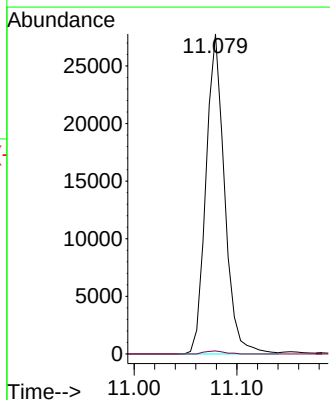
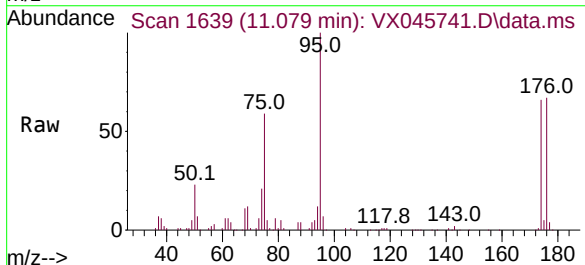
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

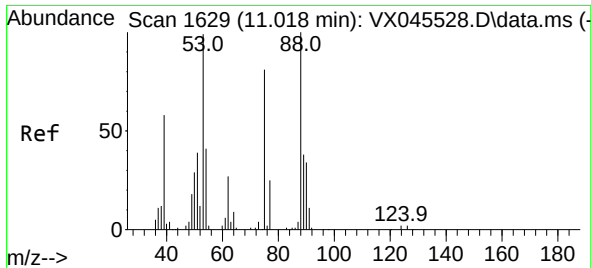
Tgt Ion:152 Resp: 48933
 Ion Ratio Lower Upper
 152 100
 115 64.8 46.9 140.7
 150 159.0 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 29.292 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045741.D
 Acq: 11 Apr 2025 15:04

Tgt Ion: 75 Resp: 34963
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.414 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045741.D
 Acq: 11 Apr 2025 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tgt Ion: 75 Resp: 34963
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

