

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046599.D
 Acq On : 10 Jun 2025 13:55
 Operator : JC/MD
 Sample : Q2234-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-060425DL

Quant Time: Jun 11 01:47:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

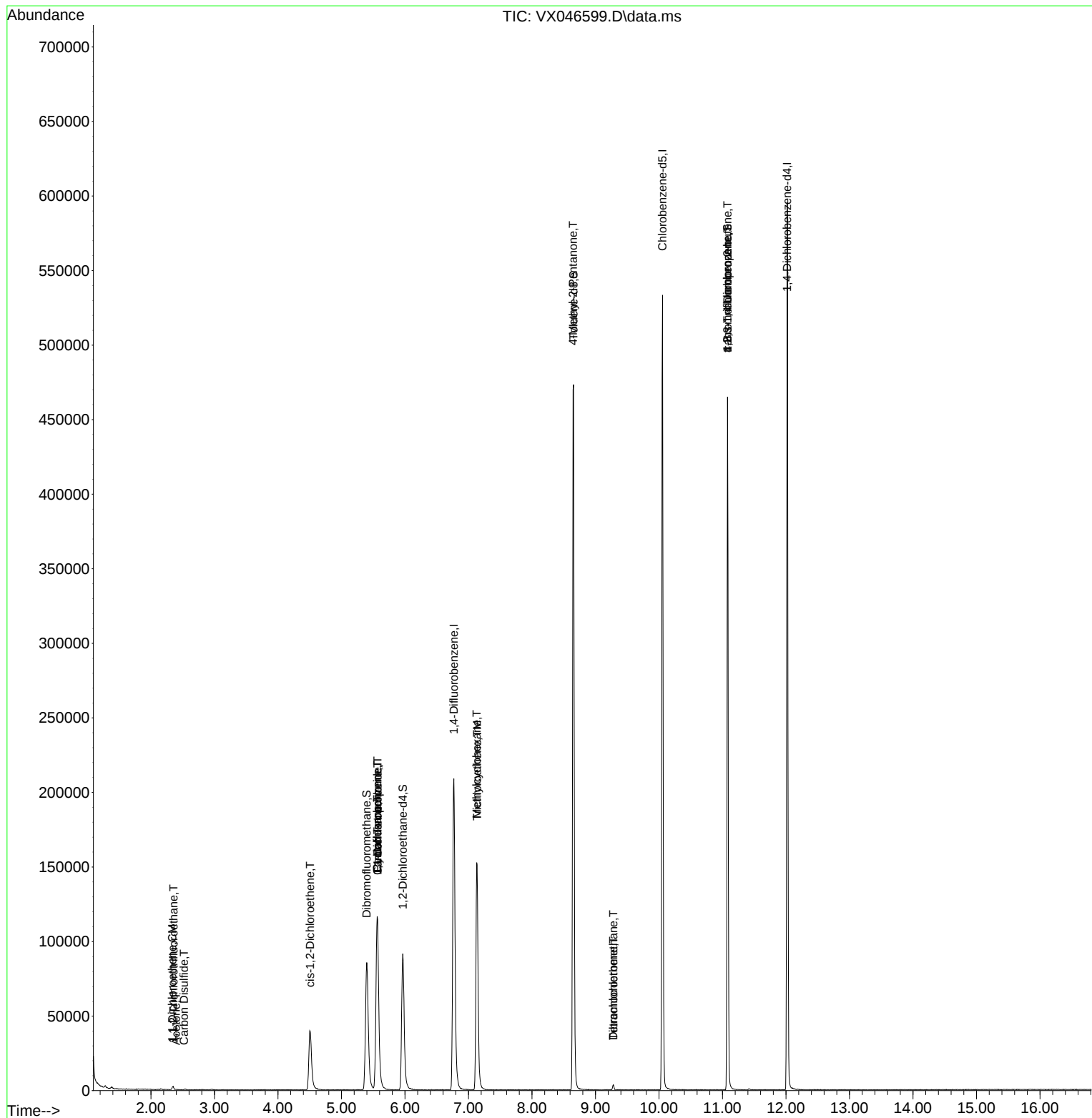
Internal Standards						
1) Pentafluorobenzene	5.562	168	110214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	112148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98868	50.422	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.840%	
35) Dibromofluoromethane	5.397	113	80756	50.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.440%	
50) Toluene-d8	8.653	98	288466	54.414	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.820%	
62) 4-Bromofluorobenzene	11.079	95	120075	54.744	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.480%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.355	101	976	0.674	ug/l	93
12) 1,1-Dichloroethene	2.337	96	289	0.221	ug/l	98
16) Acetone	2.392	43	382	5.081	ug/l #	48
17) Carbon Disulfide	2.520	76	232	0.286	ug/l #	76
27) cis-1,2-Dichloroethene	4.507	96	27823	16.322	ug/l	86
31) Cyclohexane	5.562	56	2736	1.200	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	10220	4.449	ug/l #	51
38) Carbon Tetrachloride	5.568	117	13025	5.063	ug/l #	16
39) Methylcyclohexane	7.129	83	801	0.295	ug/l #	1
44) Trichloroethene	7.135	130	61302	37.312	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1398	0.563	ug/l #	1
60) Dibromochloromethane	9.281	129	677	0.361	ug/l #	10
64) Tetrachloroethene	9.281	164	662	0.442	ug/l #	79
76) 1,2,3-Trichloropropane	11.079	75	66242	27.886	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	66242	80.441	ug/l #	1

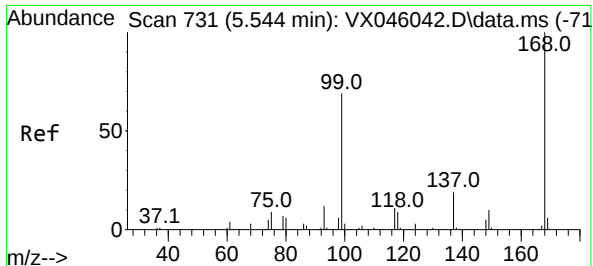
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046599.D
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Sample : Q2234-01 100X
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Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

Quant Time: Jun 11 01:47:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

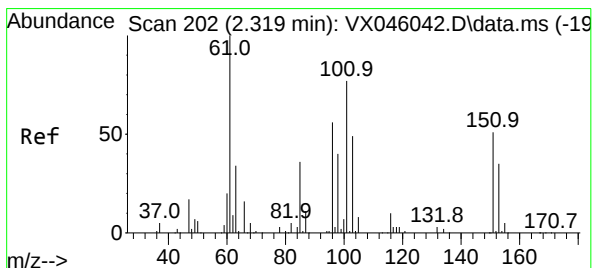
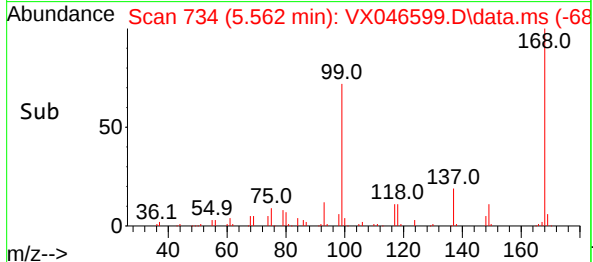
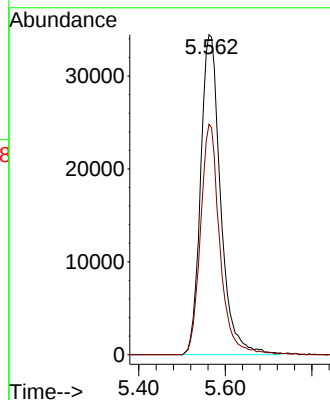
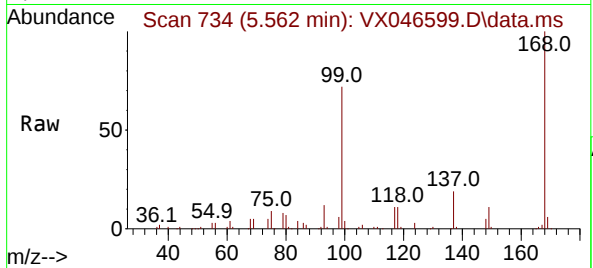




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

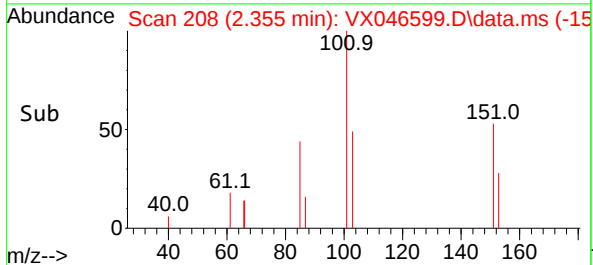
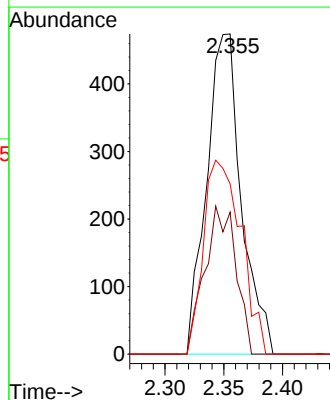
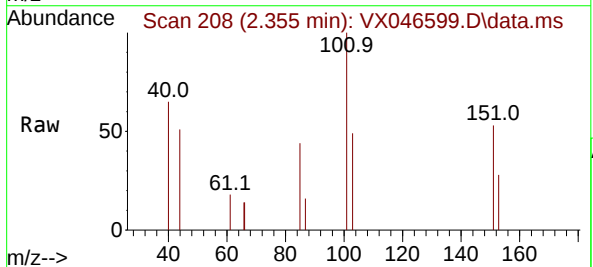
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

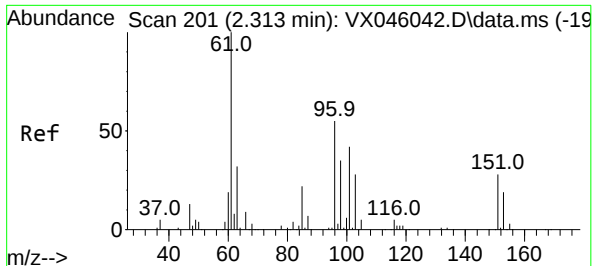
Tgt Ion:168 Resp: 110214
Ion Ratio Lower Upper
168 100
99 72.0 54.9 82.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.674 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion:101 Resp: 976
Ion Ratio Lower Upper
101 100
85 41.3 38.6 58.0
151 65.7 55.2 82.8





#12

1,1-Dichloroethene

Concen: 0.221 ug/l

RT: 2.337 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX046599.D

Acq: 10 Jun 2025 13:55

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-060425DL

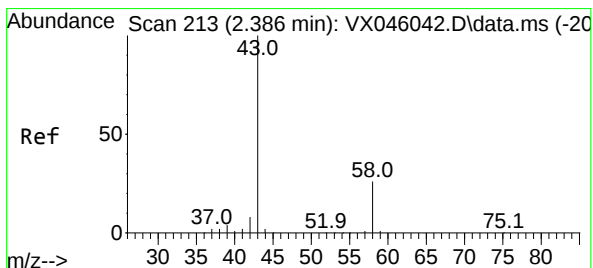
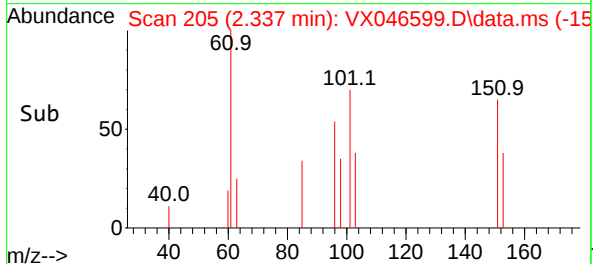
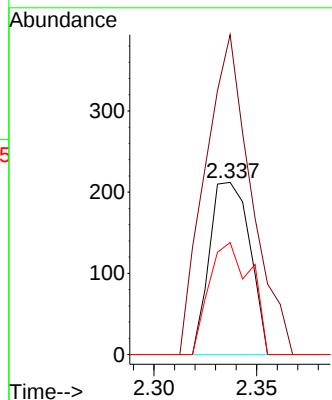
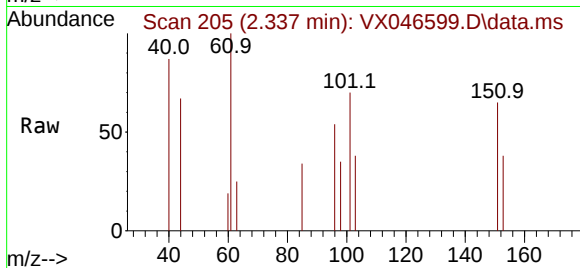
Tgt Ion: 96 Resp: 289

Ion Ratio Lower Upper

96 100

61 185.8 146.2 219.2

98 65.1 51.0 76.6



#16

Acetone

Concen: 5.081 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX046599.D

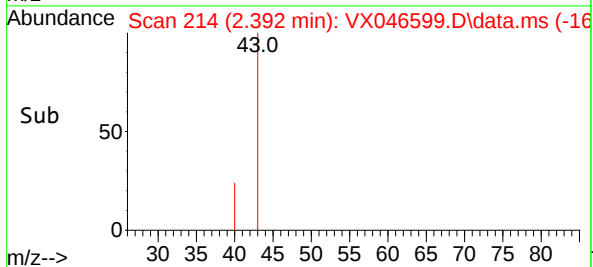
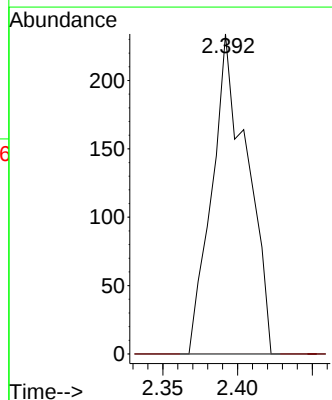
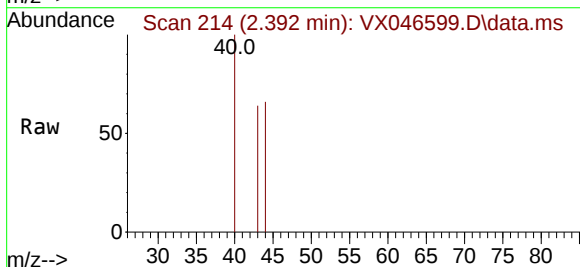
Acq: 10 Jun 2025 13:55

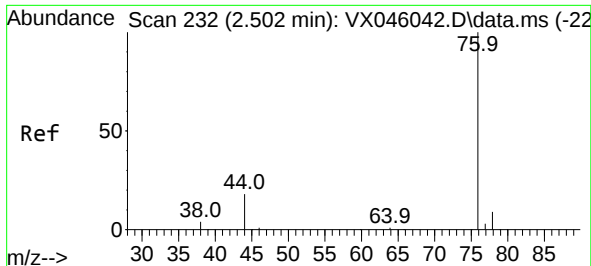
Tgt Ion: 43 Resp: 382

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#

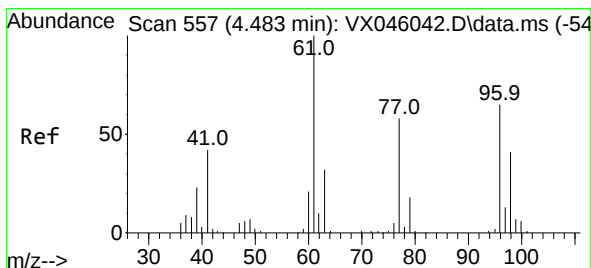
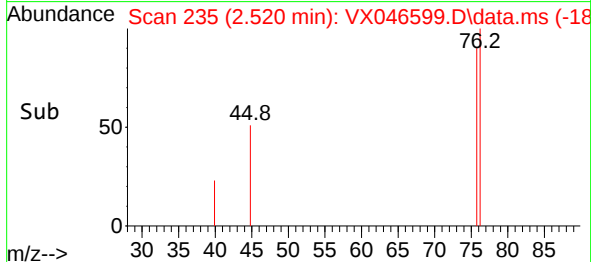
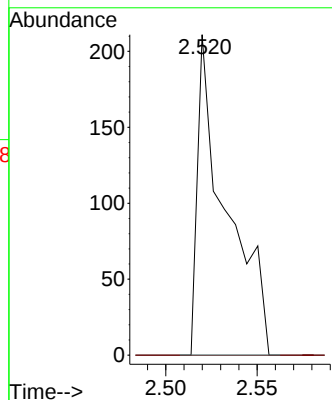
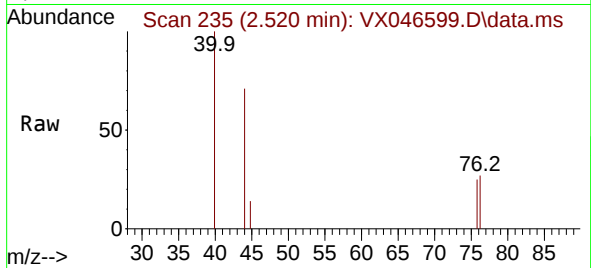




#17
Carbon Disulfide
Concen: 0.286 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

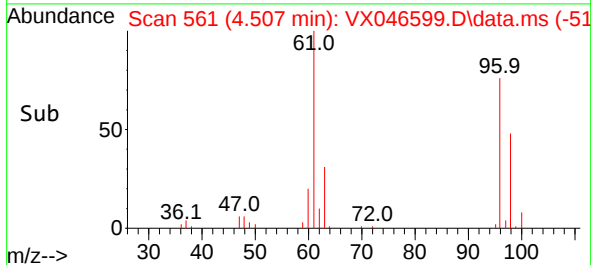
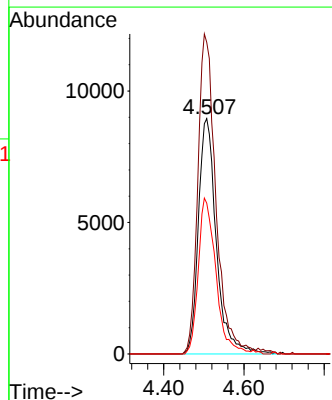
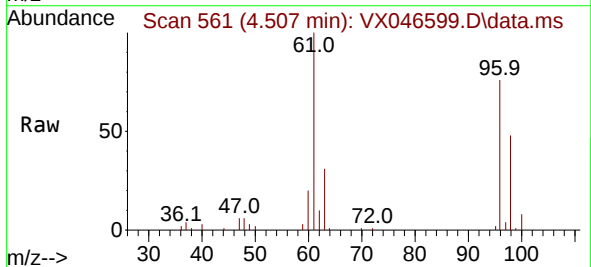
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

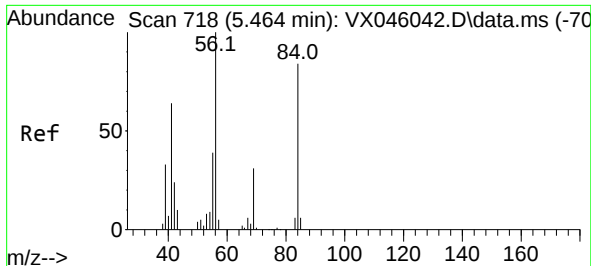
Tgt Ion: 76 Resp: 232
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#27
cis-1,2-Dichloroethene
Concen: 16.322 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.000 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion: 96 Resp: 27823
Ion Ratio Lower Upper
96 100
61 136.5 0.0 322.8
98 65.1 0.0 129.0

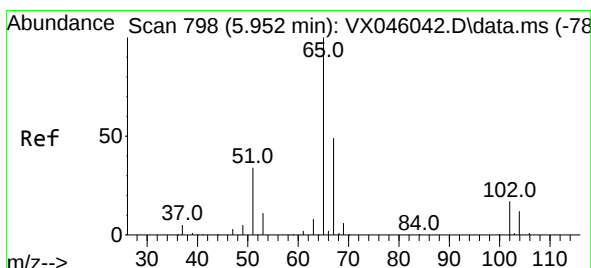
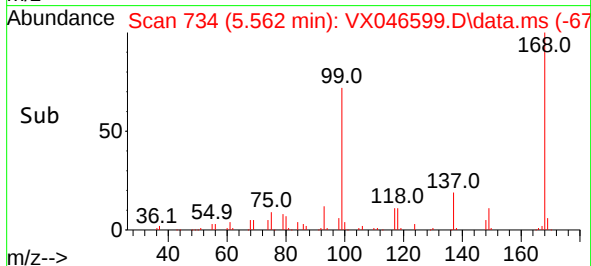
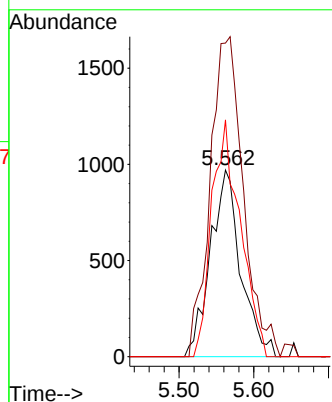
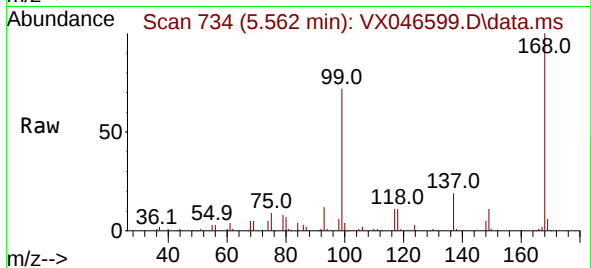




#31
Cyclohexane
Concen: 1.200 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

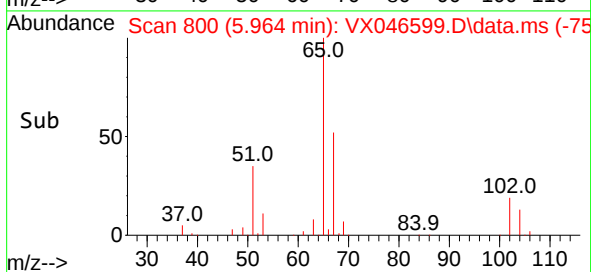
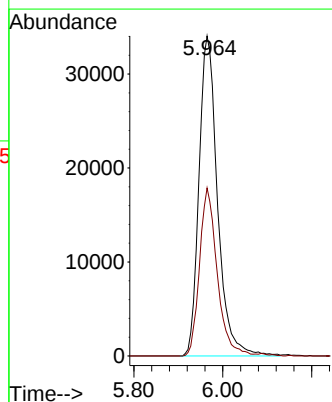
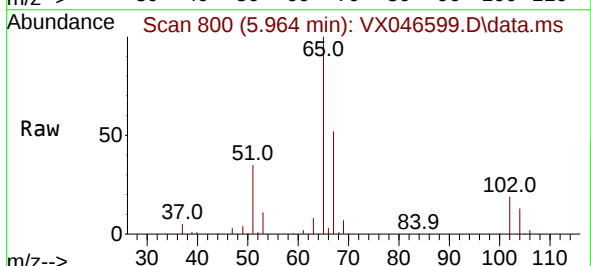
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

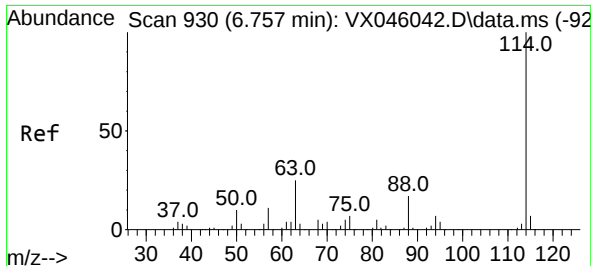
Tgt Ion: 56 Resp: 2736
Ion Ratio Lower Upper
56 100
69 168.1 24.4 36.6#
84 126.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.422 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion: 65 Resp: 98868
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0

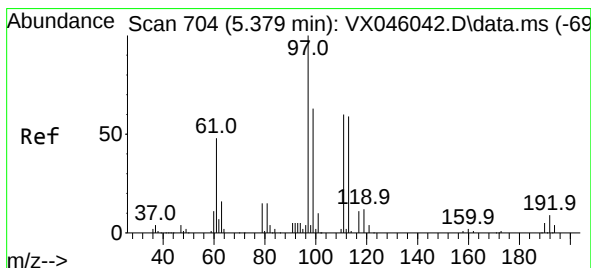
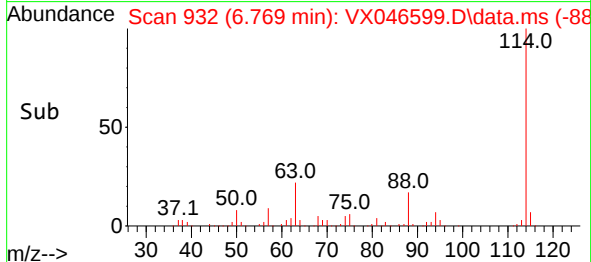
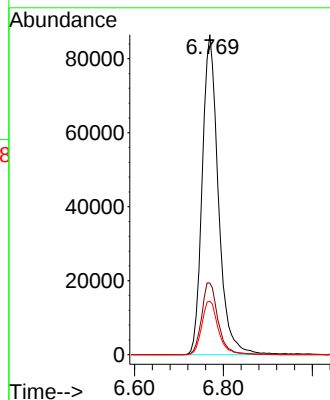
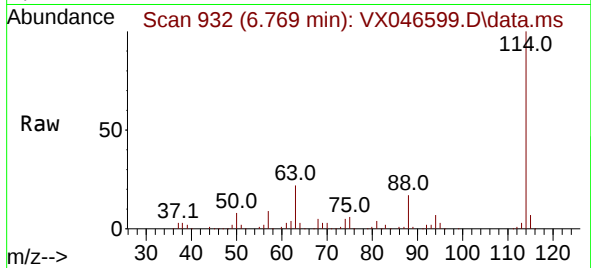




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

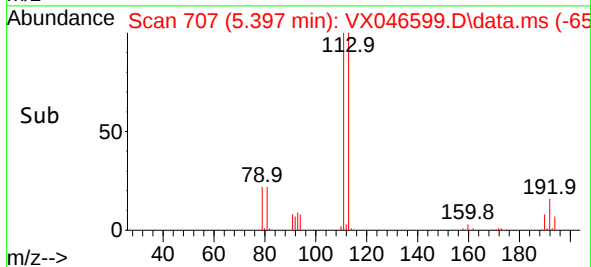
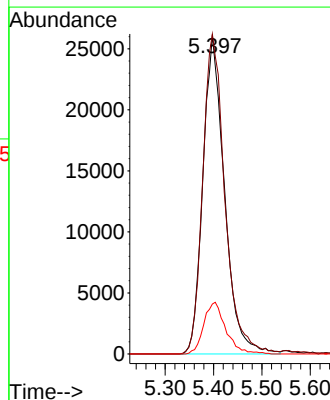
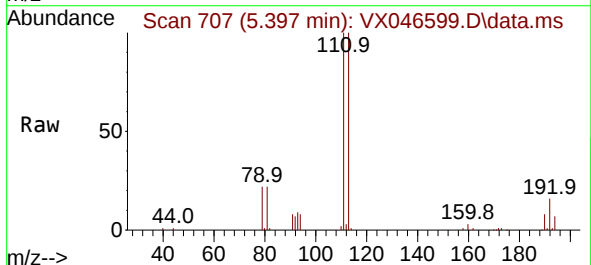
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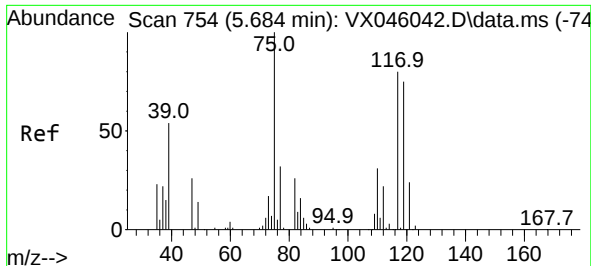
Tgt Ion:114 Resp: 218656
Ion Ratio Lower Upper
114 100
63 22.4 0.0 49.2
88 16.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.222 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion:113 Resp: 80756
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 16.6 13.3 19.9

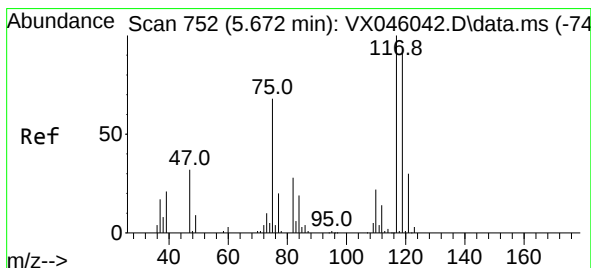
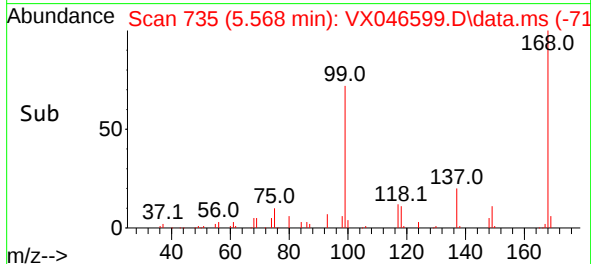
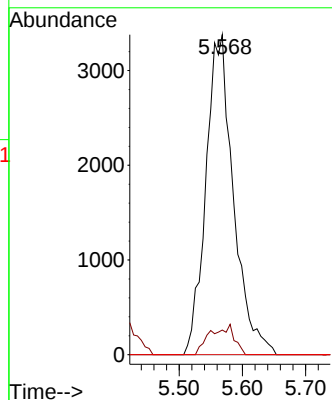
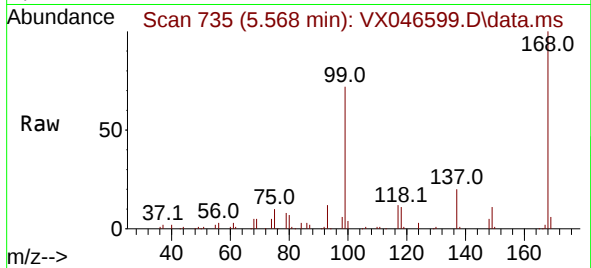




#36
1,1-Dichloropropene
Concen: 4.449 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

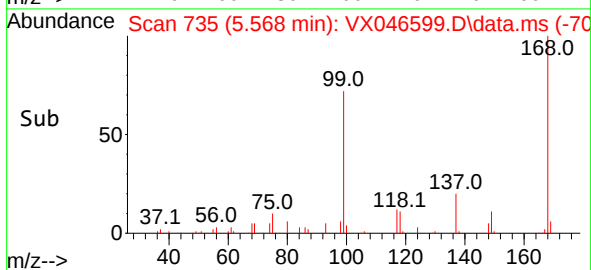
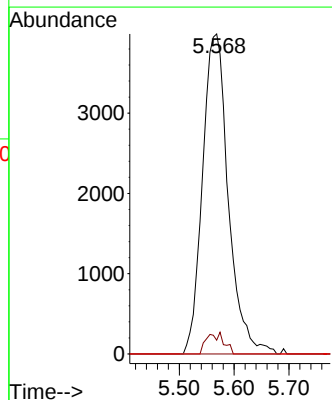
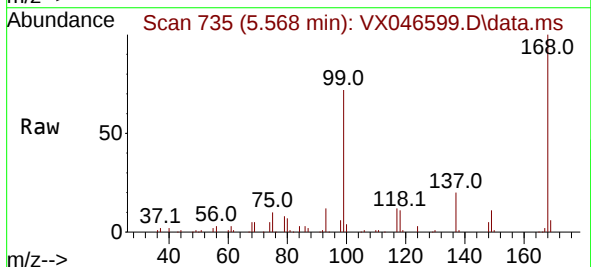
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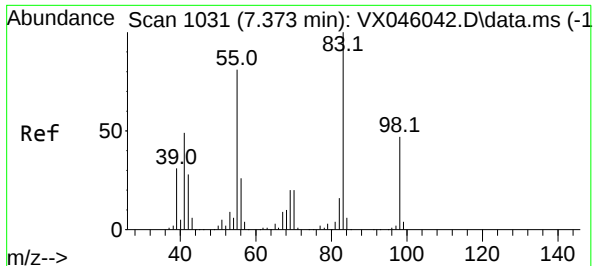
Tgt Ion: 75 Resp: 10220
Ion Ratio Lower Upper
75 100
110 8.2 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.063 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.128 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion: 117 Resp: 13025
Ion Ratio Lower Upper
117 100
119 4.3 75.2 112.8#
121 0.0 24.2 36.4#





#39

Methylcyclohexane

Concen: 0.295 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.262 min

Lab File: VX046599.D

Acq: 10 Jun 2025 13:55

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-060425DL

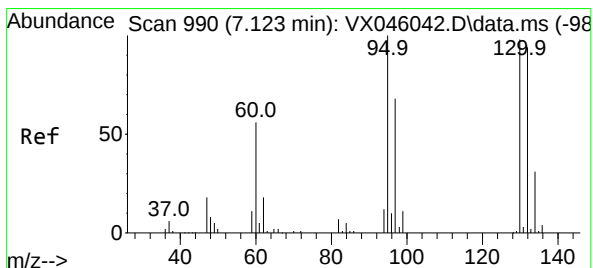
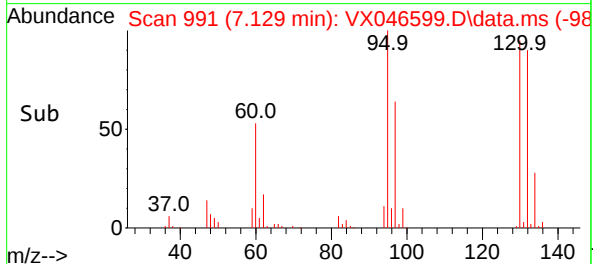
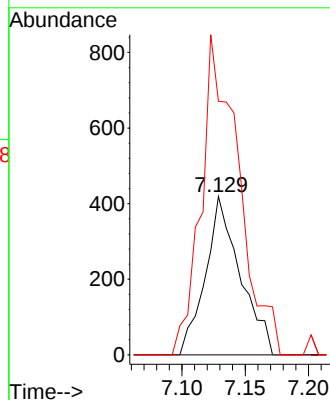
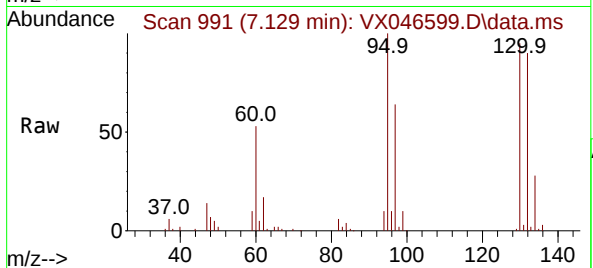
Tgt Ion: 83 Resp: 801

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 160.1 37.4 56.2#



#44

Trichloroethene

Concen: 37.312 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX046599.D

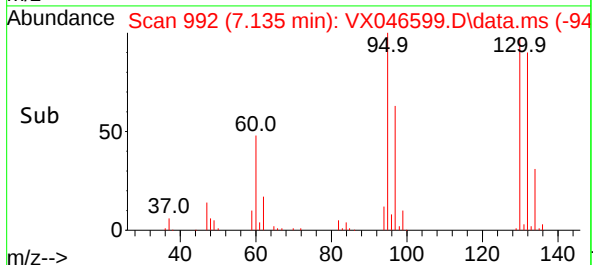
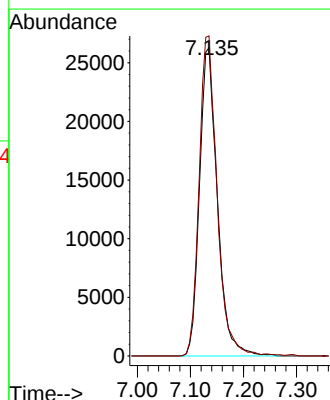
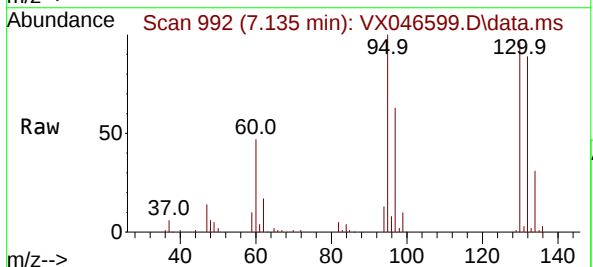
Acq: 10 Jun 2025 13:55

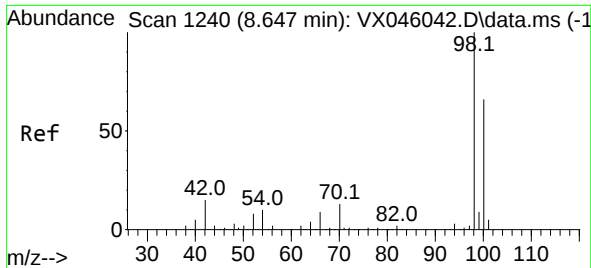
Tgt Ion:130 Resp: 61302

Ion Ratio Lower Upper

130 100

95 103.8 0.0 204.2

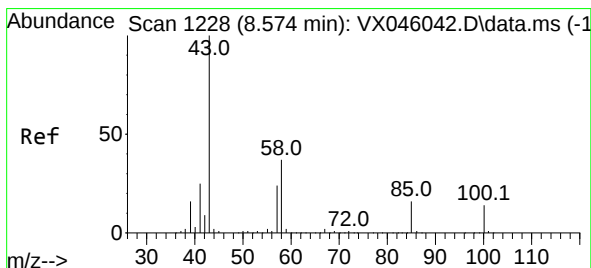
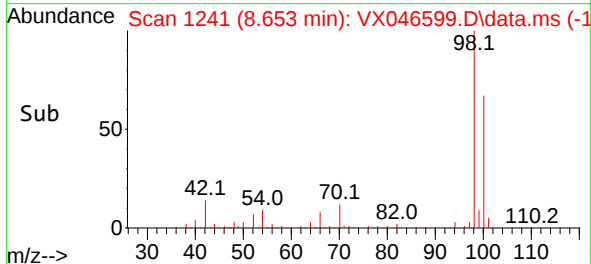
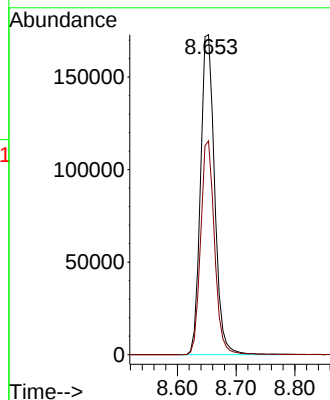
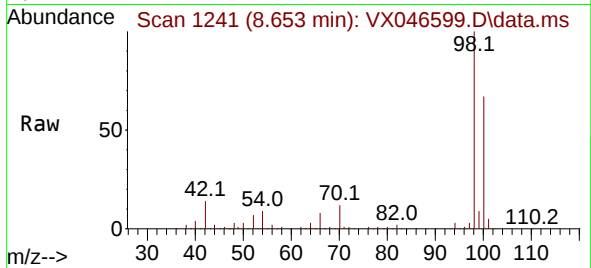




#50
Toluene-d8
Concen: 54.414 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

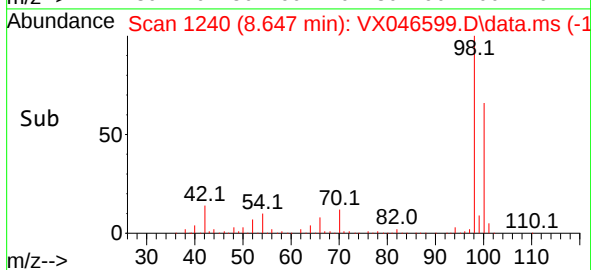
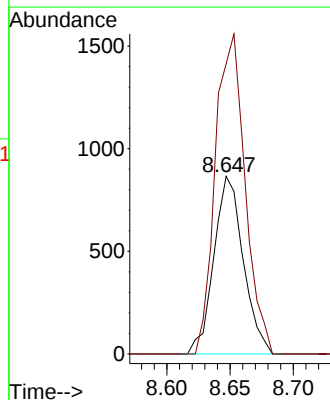
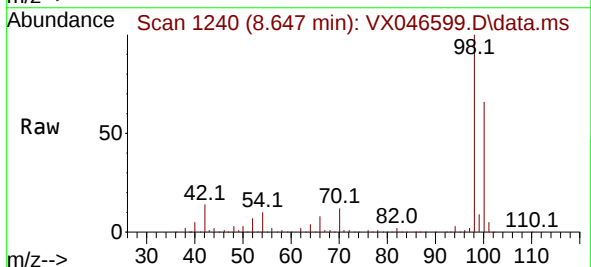
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

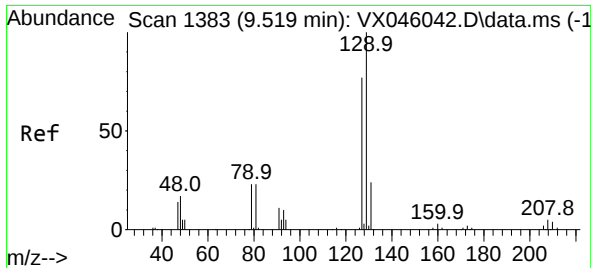
Tgt Ion: 98 Resp: 288466
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion: 43 Resp: 1398
Ion Ratio Lower Upper
43 100
58 182.2 28.9 43.3#

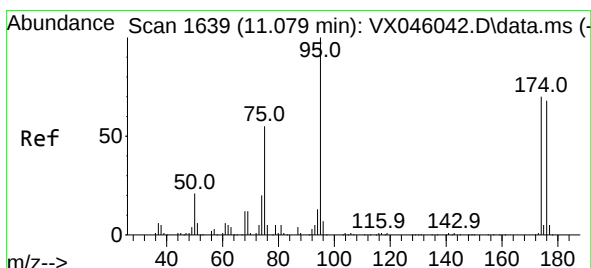
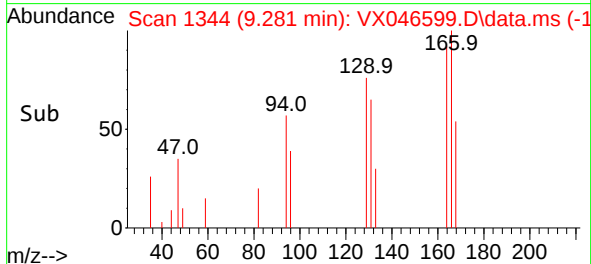
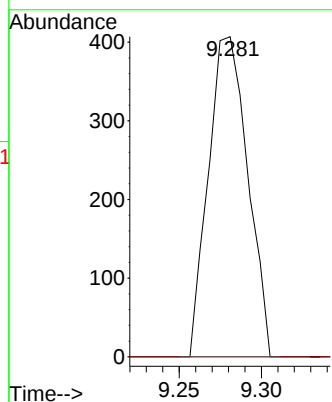
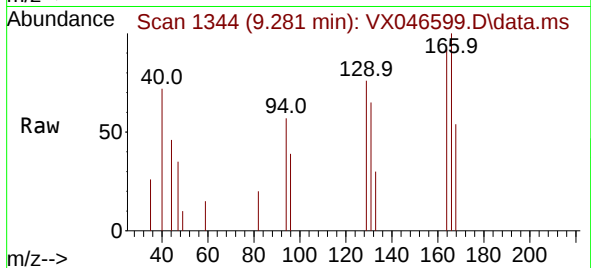




#60
Dibromochloromethane
Concen: 0.361 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

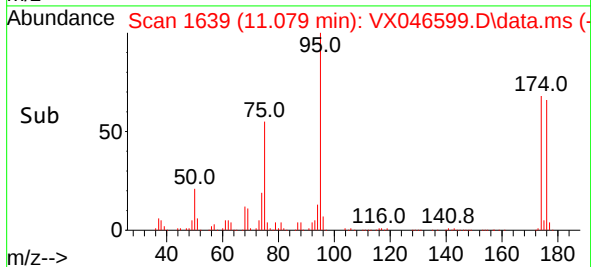
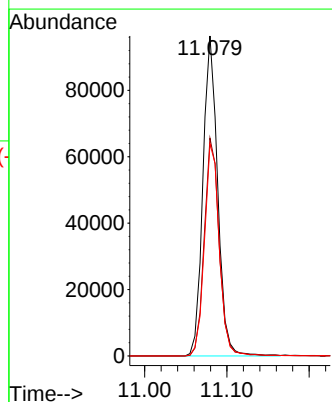
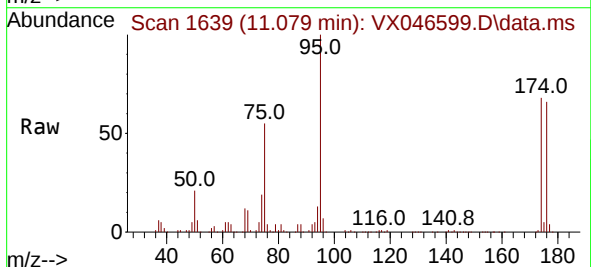
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

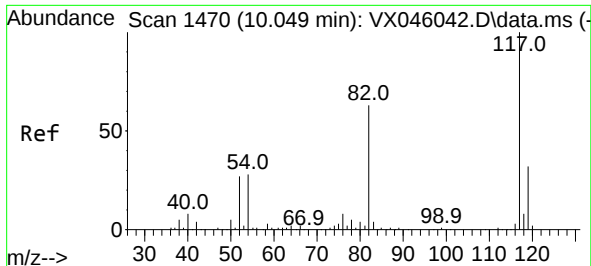
Tgt Ion:129 Resp: 677
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.8#



#62
4-Bromofluorobenzene
Concen: 54.744 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion: 95 Resp: 120075
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.8
176 66.9 0.0 131.4

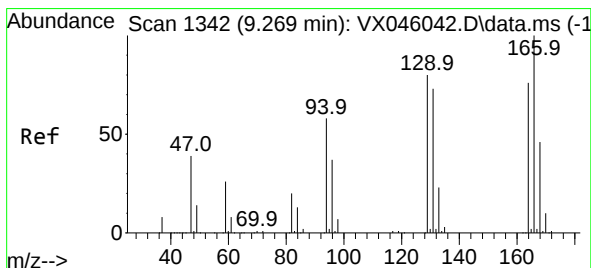
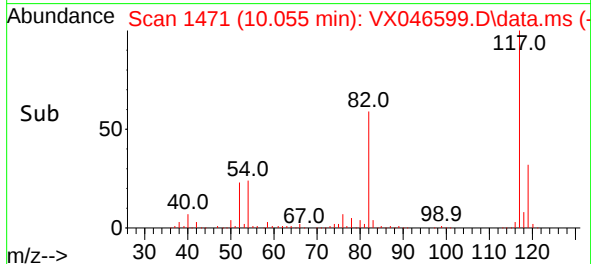
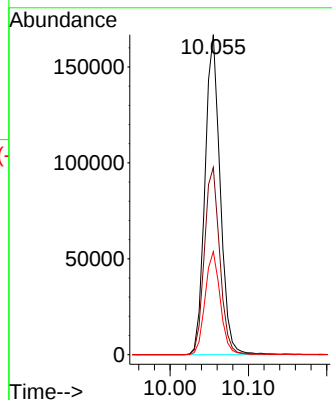
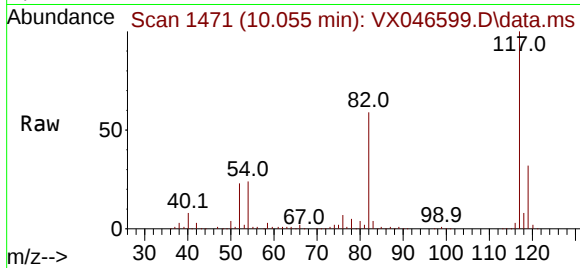




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

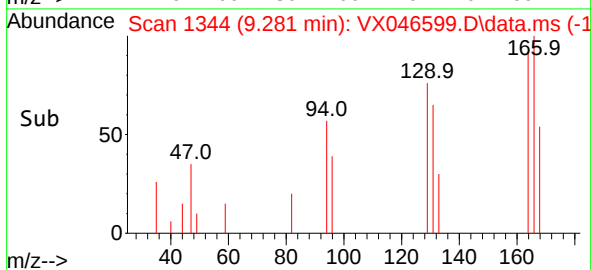
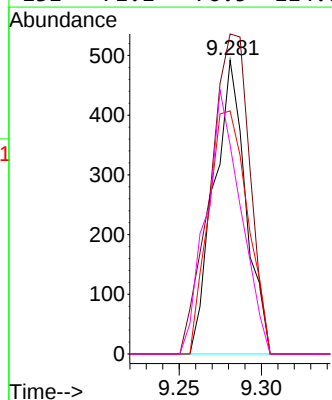
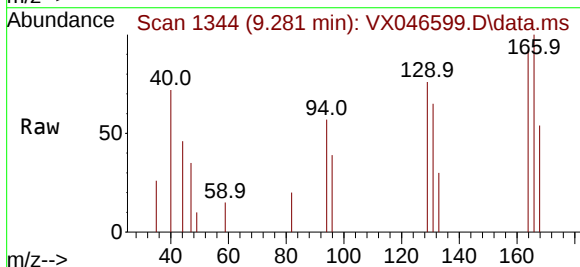
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

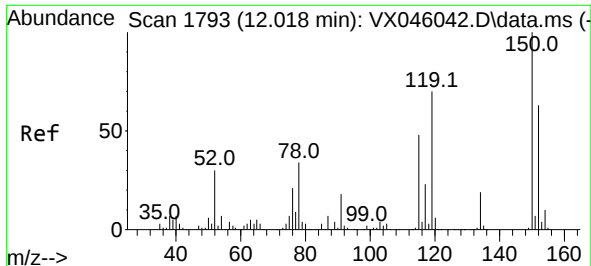
Tgt Ion:117 Resp: 224113
Ion Ratio Lower Upper
117 100
82 58.5 50.6 76.0
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 0.442 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion:164 Resp: 662
Ion Ratio Lower Upper
164 100
166 108.9 105.0 157.6
129 82.7 83.5 125.3#
131 71.1 76.5 114.7#

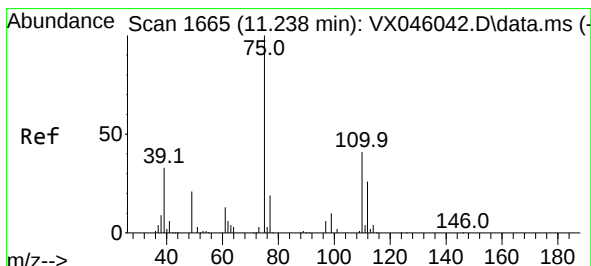
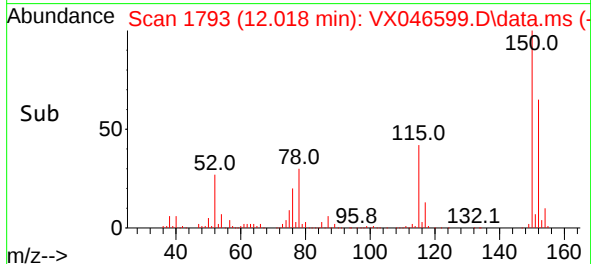
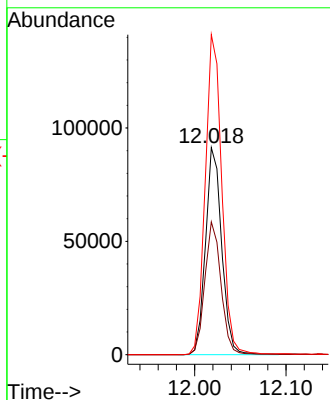
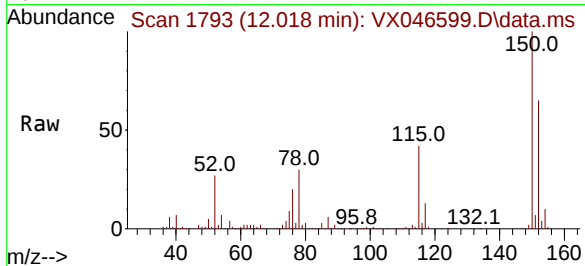




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046599.D
 Acq: 10 Jun 2025 13:55

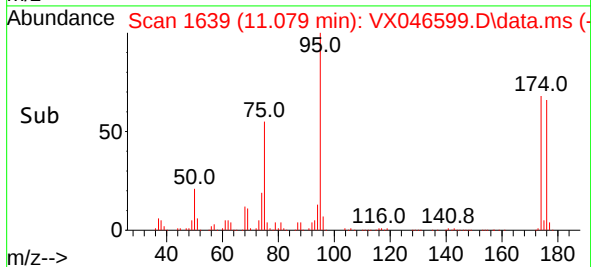
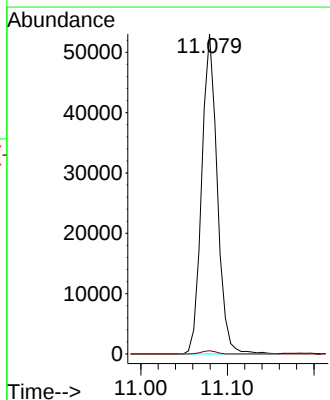
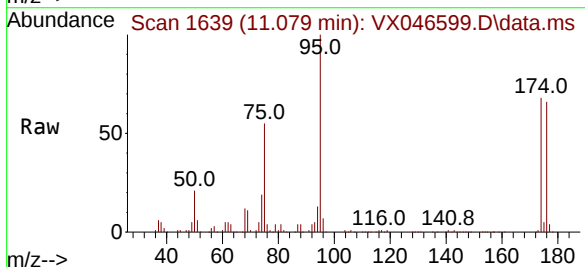
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-060425DL

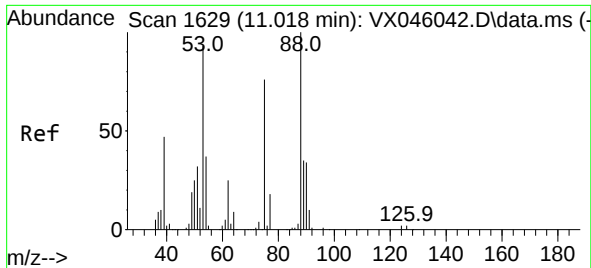
Tgt Ion:152 Resp: 112148
 Ion Ratio Lower Upper
 152 100
 115 64.2 46.9 140.7
 150 157.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 27.886 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046599.D
 Acq: 10 Jun 2025 13:55

Tgt Ion: 75 Resp: 66242
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.441 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046599.D
 Acq: 10 Jun 2025 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-060425DL

Tgt Ion: 75 Resp: 66242
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.1 37.0 55.6#

