

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046280.D
 Acq On : 19 May 2025 20:06
 Operator : JC/MD
 Sample : Q2073-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GDW1

Quant Time: May 19 23:18:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

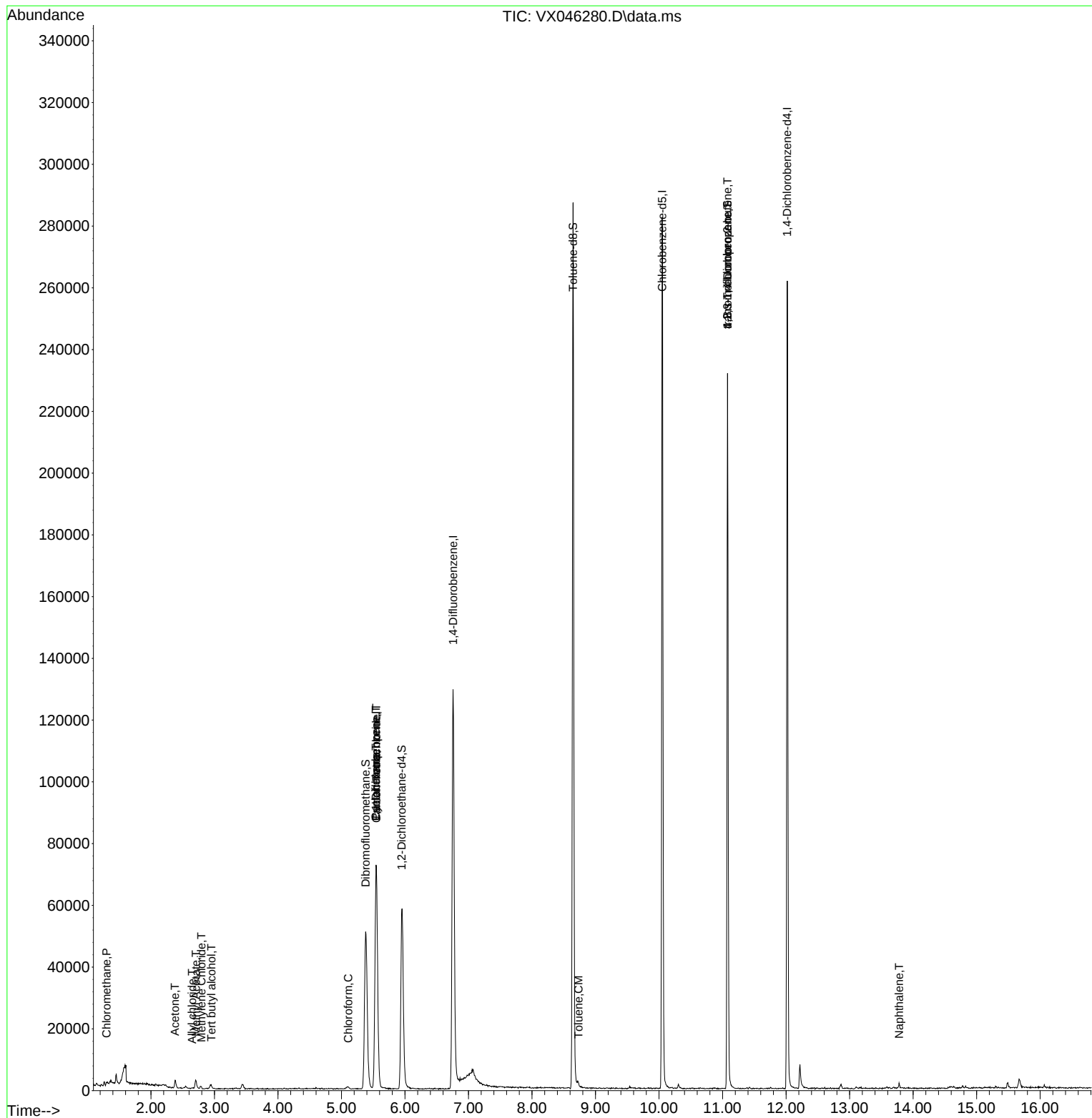
Internal Standards						
1) Pentafluorobenzene	5.544	168	62035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	61896	53.519	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.040%	
35) Dibromofluoromethane	5.379	113	45187	50.812	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.620%	
50) Toluene-d8	8.647	98	157467	51.159	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	11.079	95	59592	50.473	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	781	0.848	ug/l #	83
11) Tert butyl alcohol	2.953	59	676	4.164	ug/l #	72
14) Allyl chloride	2.648	41	316	0.225	ug/l #	52
16) Acetone	2.380	43	3138	6.767	ug/l	95
18) Methyl Acetate	2.709	43	3775	3.508	ug/l	100
20) Methylene Chloride	2.794	84	296	0.333	ug/l #	83
30) Chloroform	5.105	83	894	0.567	ug/l	91
31) Cyclohexane	5.544	56	1850	1.342	ug/l #	41
36) 1,1-Dichloropropene	5.544	75	6006	5.027	ug/l #	52
38) Carbon Tetrachloride	5.550	117	7621	5.677	ug/l #	16
52) Toluene	8.732	92	667	0.311	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	33851	28.288	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33851	92.098	ug/l #	1
95) Naphthalene	13.780	128	1470	0.424	ug/l #	95

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

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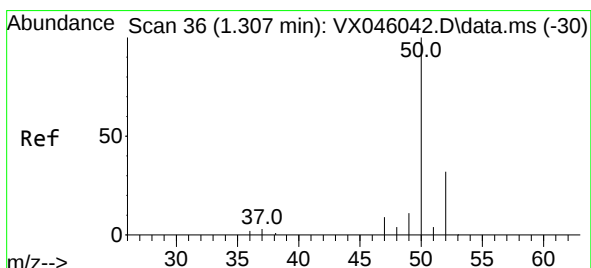
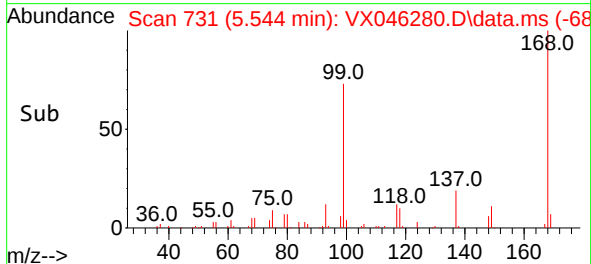
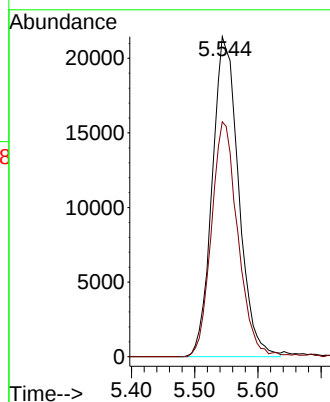
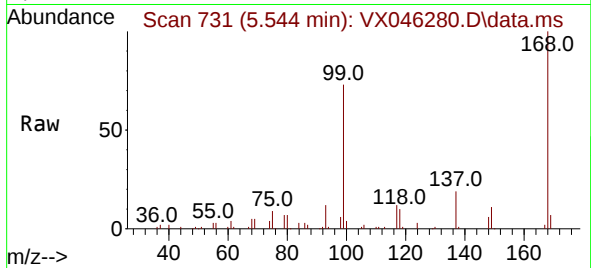




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

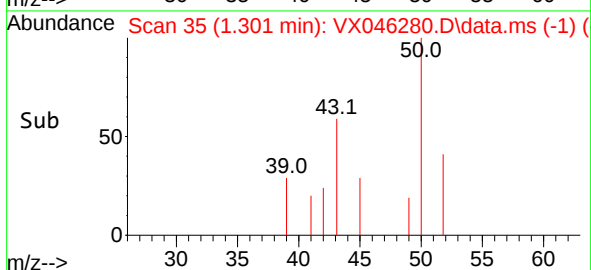
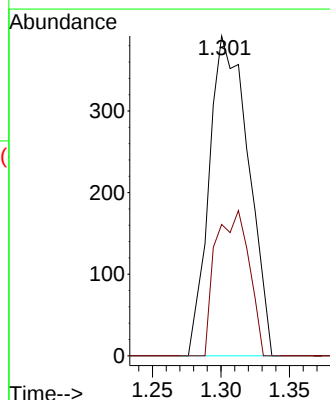
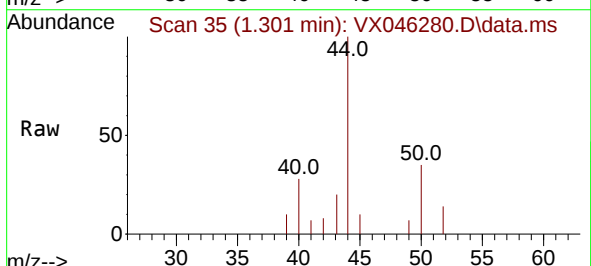
Instrument :
MSVOA_X
ClientSampleId :
GDW1

Tgt Ion:168 Resp: 62035
Ion Ratio Lower Upper
168 100
99 73.4 54.9 82.3



#3
Chloromethane
Concen: 0.848 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 50 Resp: 781
Ion Ratio Lower Upper
50 100
52 41.1 25.4 38.2#

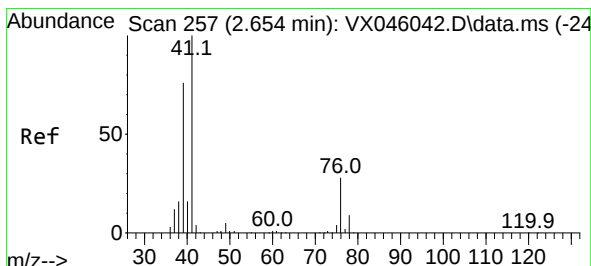
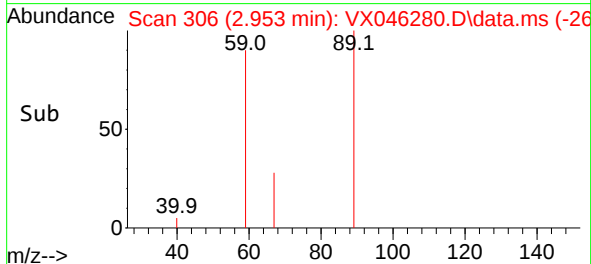
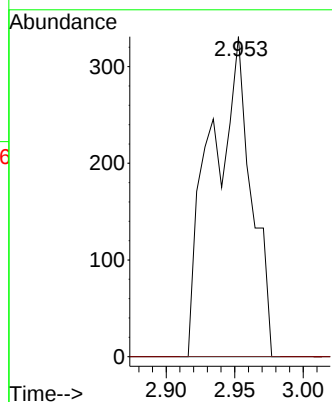
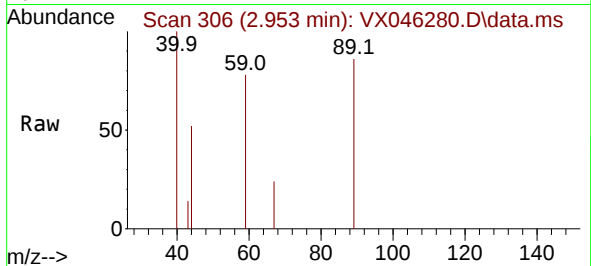




#11
Tert butyl alcohol
Concen: 4.164 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

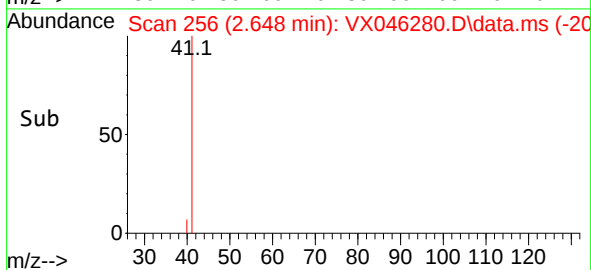
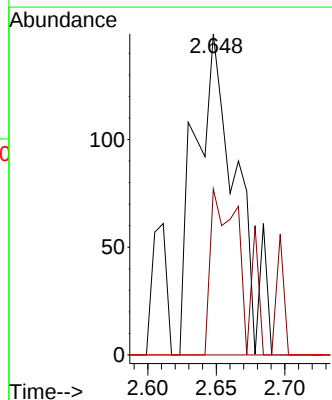
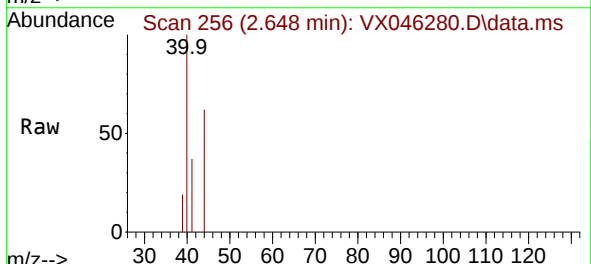
Instrument :
MSVOA_X
ClientSampleId :
GDW1

Tgt Ion: 59 Resp: 676
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#14
Allyl chloride
Concen: 0.225 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.006 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 41 Resp: 316
Ion Ratio Lower Upper
41 100
39 38.0 60.6 90.8#
76 0.0 24.9 37.3#

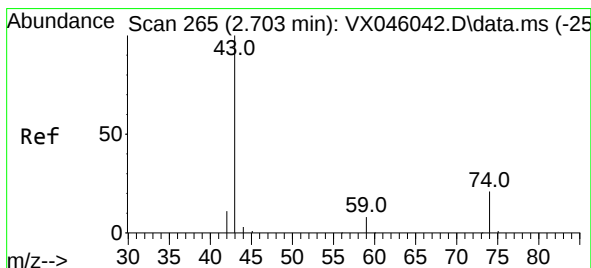
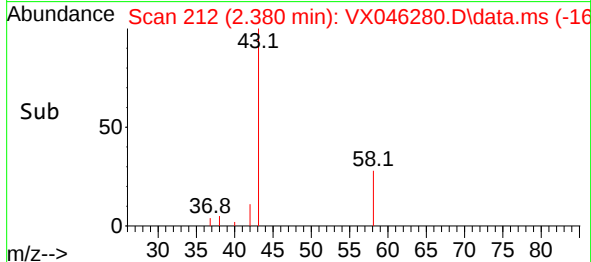
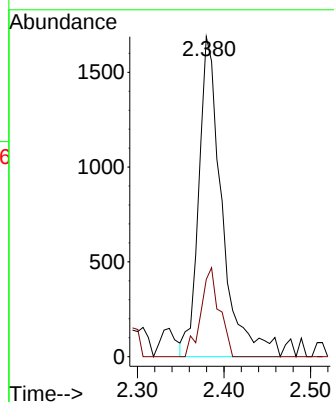
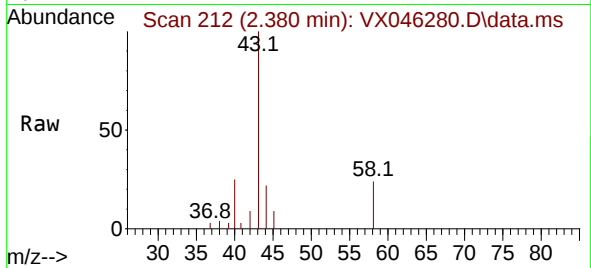




#16
Acetone
Concen: 6.767 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

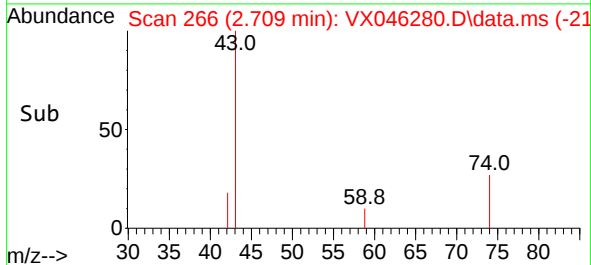
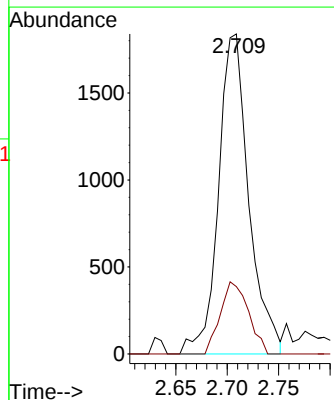
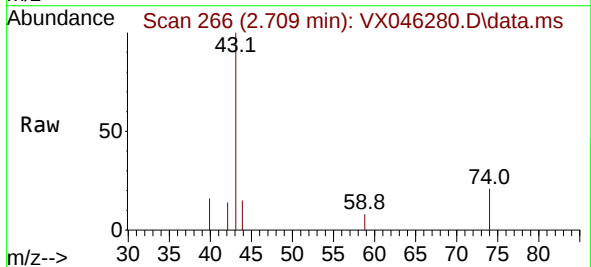
Instrument :
MSVOA_X
ClientSampleId :
GDW1

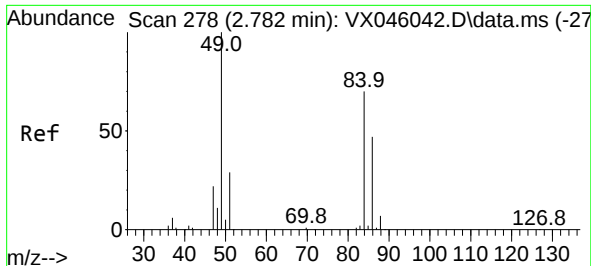
Tgt Ion: 43 Resp: 3138
Ion Ratio Lower Upper
43 100
58 24.1 21.2 31.8



#18
Methyl Acetate
Concen: 3.508 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 43 Resp: 3775
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1

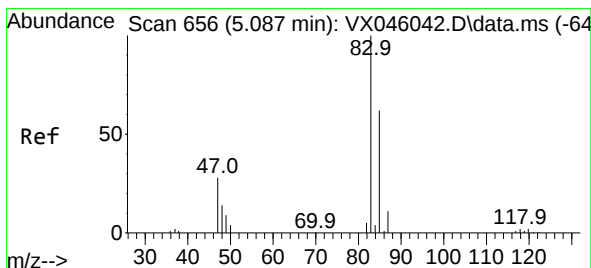
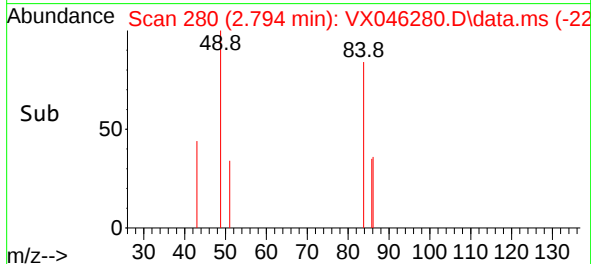
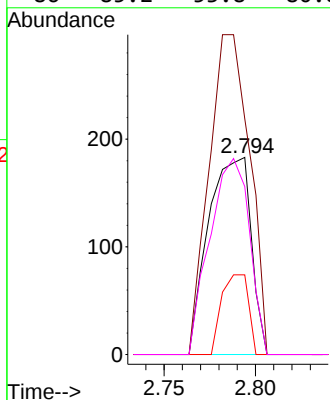
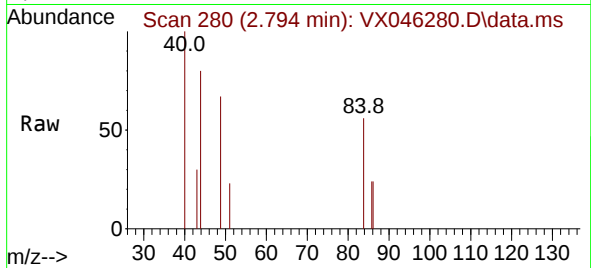




#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

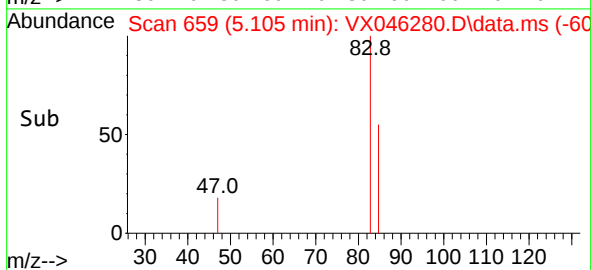
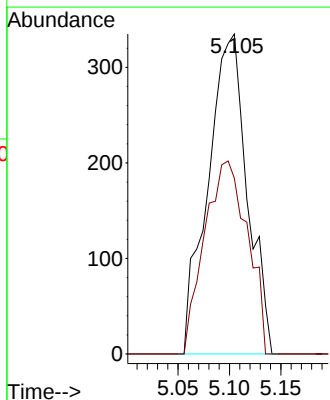
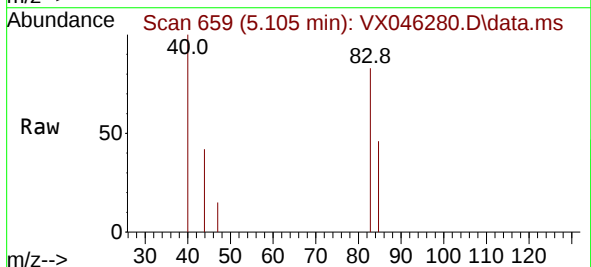
Instrument :
MSVOA_X
ClientSampleId :
GDW1

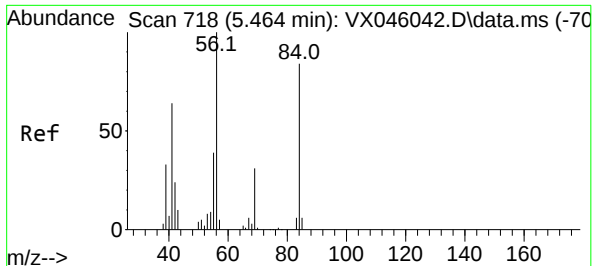
Tgt Ion: 84 Resp: 296
Ion Ratio Lower Upper
84 100
49 119.7 113.9 170.9
51 40.4 33.5 50.3
86 85.2 53.8 80.8#



#30
Chloroform
Concen: 0.567 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.018 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

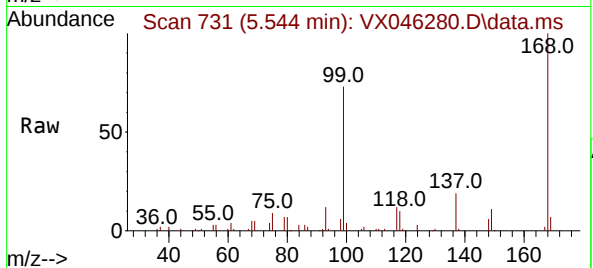
Tgt Ion: 83 Resp: 894
Ion Ratio Lower Upper
83 100
85 54.9 49.3 73.9



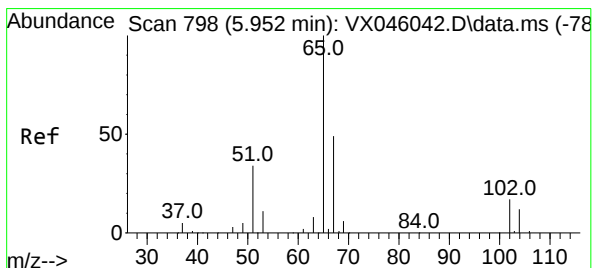
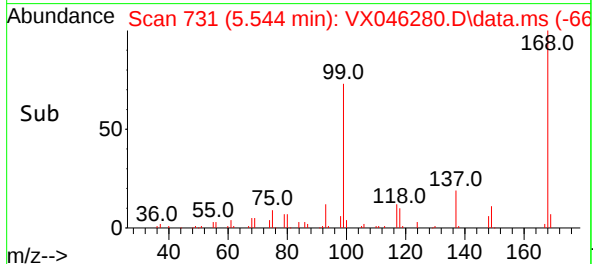
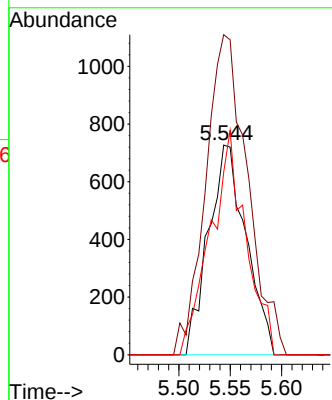


#31
Cyclohexane
Concen: 1.342 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Instrument :
MSVOA_X
ClientSampleId :
GDW1

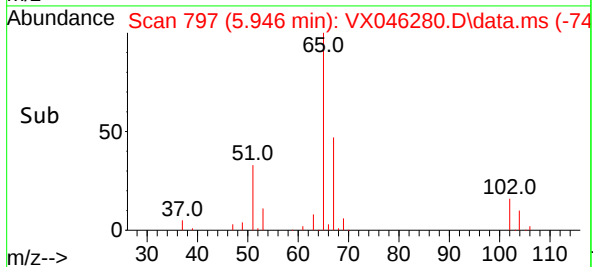
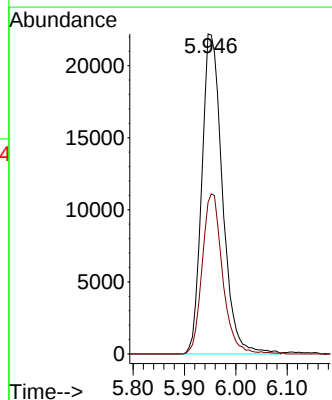
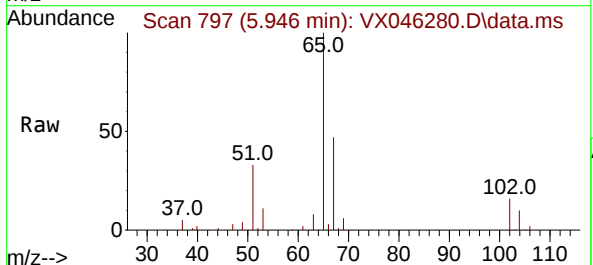


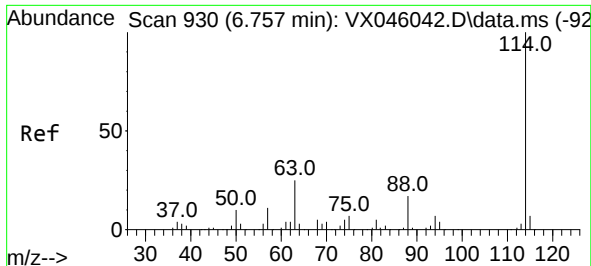
Tgt Ion: 56 Resp: 1850
Ion Ratio Lower Upper
56 100
69 144.4 24.4 36.6#
84 87.2 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 53.519 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 65 Resp: 61896
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

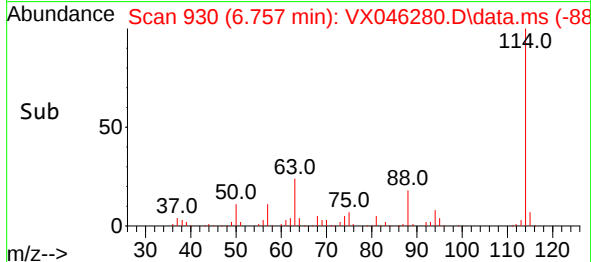
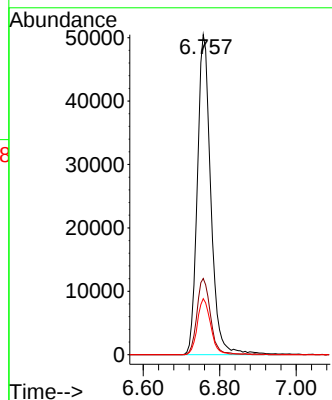
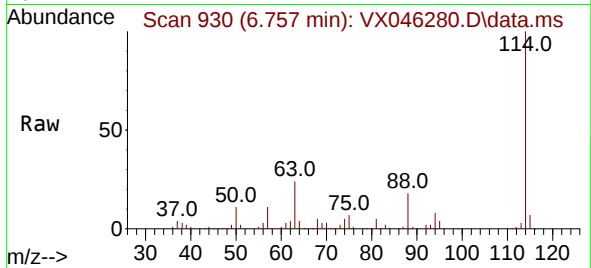




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

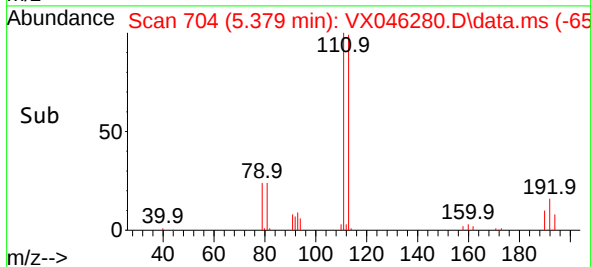
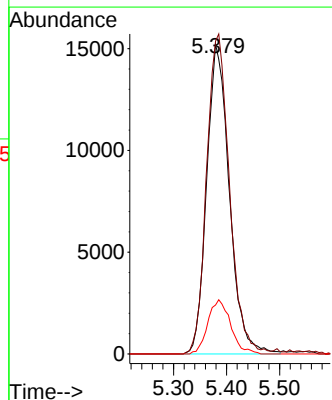
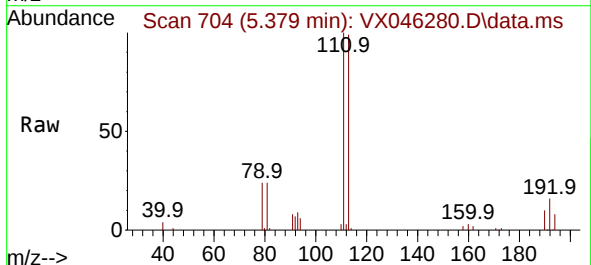
Instrument :
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Tgt Ion:114 Resp: 123496
Ion Ratio Lower Upper
114 100
63 23.8 0.0 49.2
88 17.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.812 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion:113 Resp: 45187
Ion Ratio Lower Upper
113 100
111 104.2 83.1 124.7
192 17.6 13.3 19.9

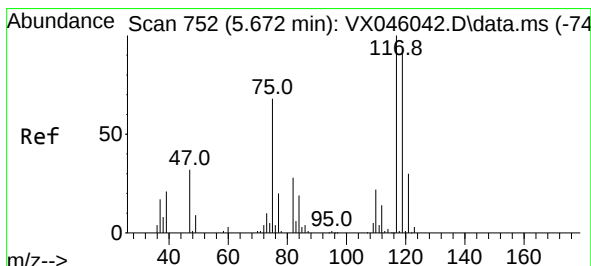
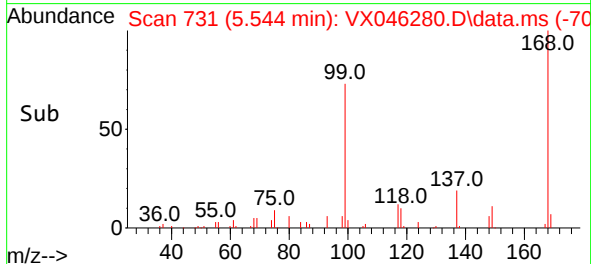
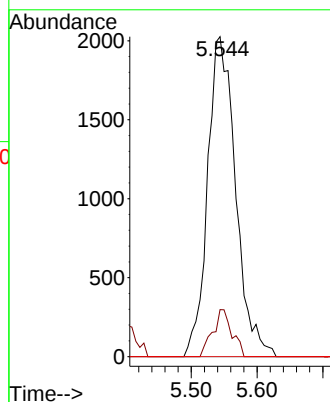
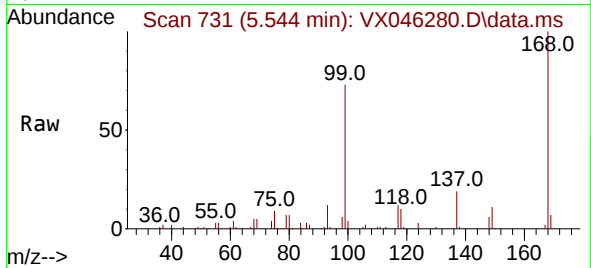




#36
1,1-Dichloropropene
Concen: 5.027 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

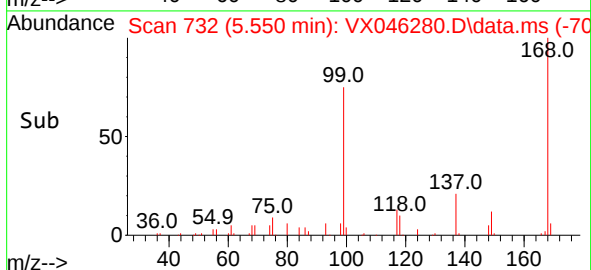
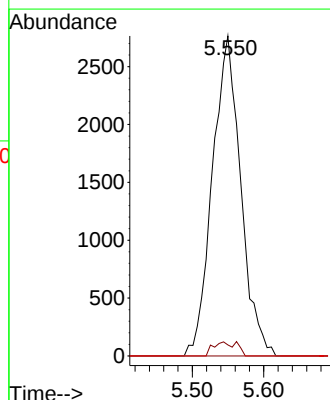
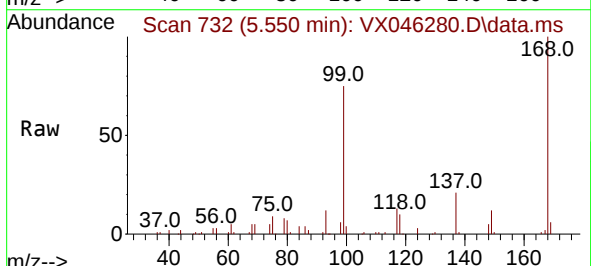
Instrument :
MSVOA_X
ClientSampleId :
GDW1

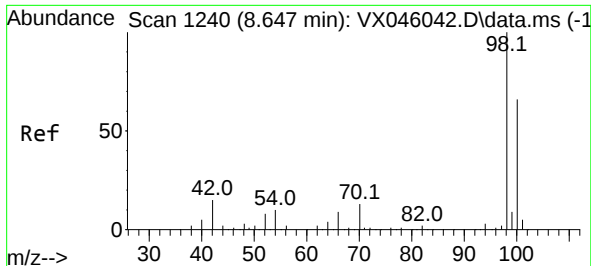
Tgt Ion: 75 Resp: 6006
Ion Ratio Lower Upper
75 100
110 10.1 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.677 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 117 Resp: 7621
Ion Ratio Lower Upper
117 100
119 3.5 75.2 112.8#
121 0.0 24.2 36.4#

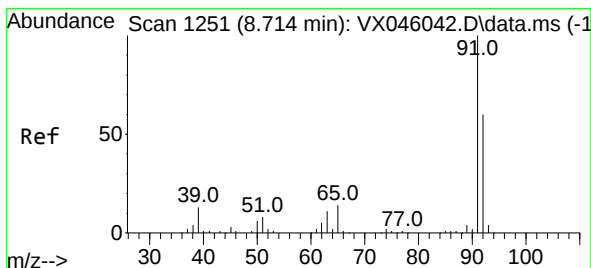
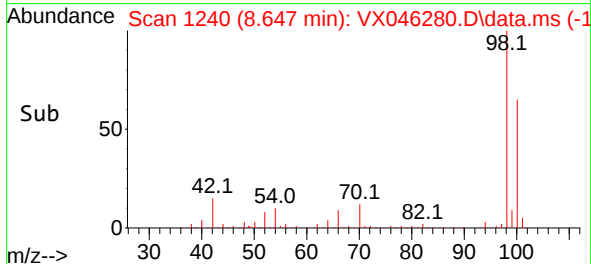
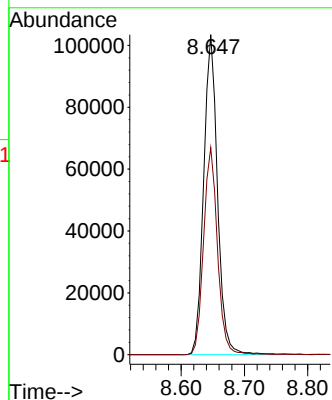
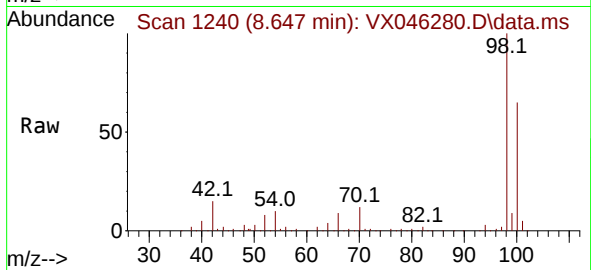




#50
Toluene-d8
Concen: 51.159 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

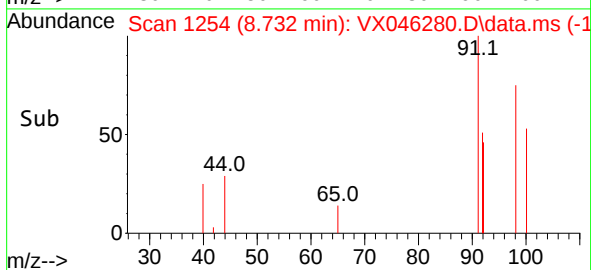
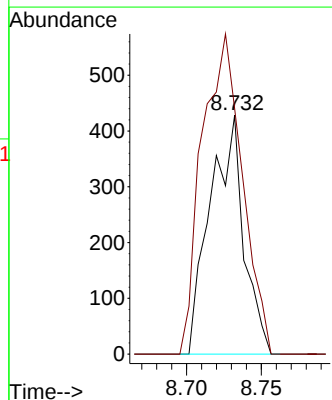
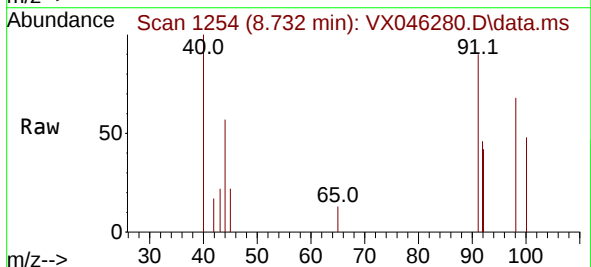
Instrument :
MSVOA_X
ClientSampleId :
GDW1

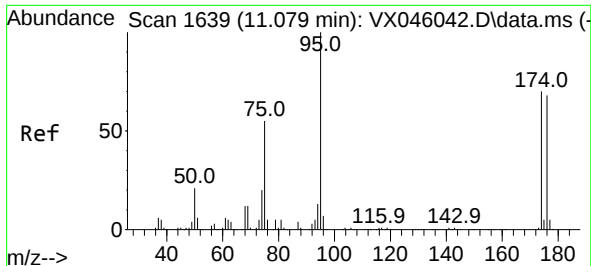
Tgt Ion: 98 Resp: 157467
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3



#52
Toluene
Concen: 0.311 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.018 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 92 Resp: 667
Ion Ratio Lower Upper
92 100
91 160.9 136.6 205.0





#62

4-Bromofluorobenzene

Concen: 50.473 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046280.D

Acq: 19 May 2025 20:06

Instrument :

MSVOA_X

ClientSampleId :

GDW1

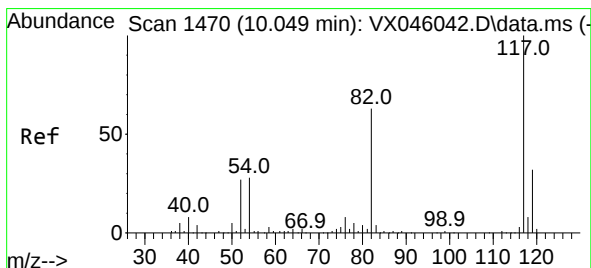
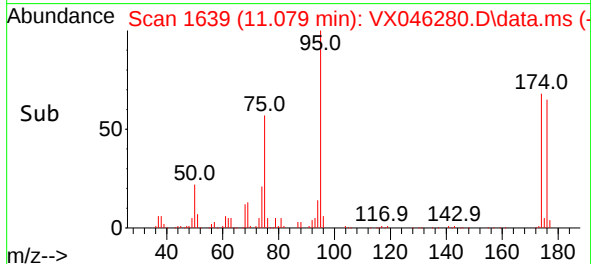
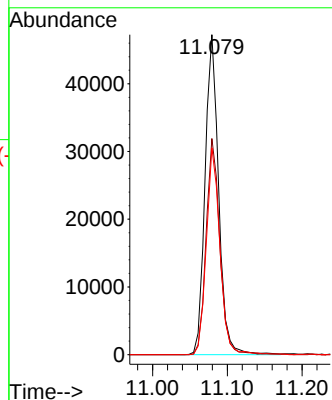
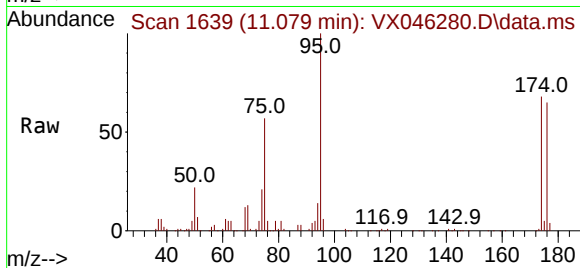
Tgt Ion: 95 Resp: 59592

Ion Ratio Lower Upper

95 100

174 67.8 0.0 135.8

176 65.1 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: VX046280.D

Acq: 19 May 2025 20:06

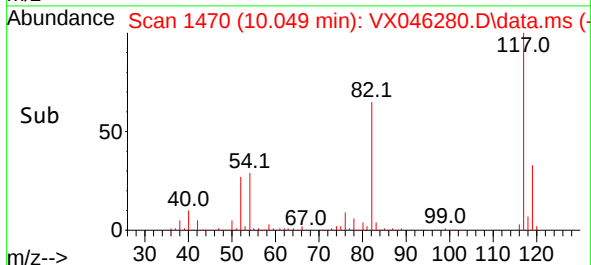
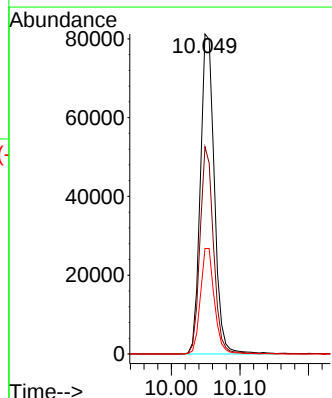
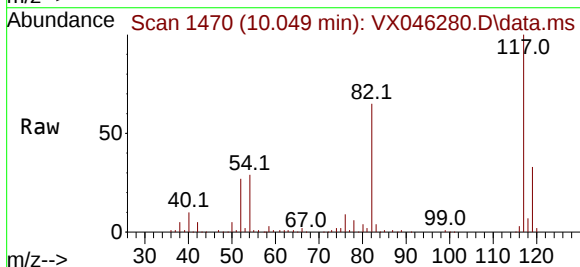
Tgt Ion: 117 Resp: 115828

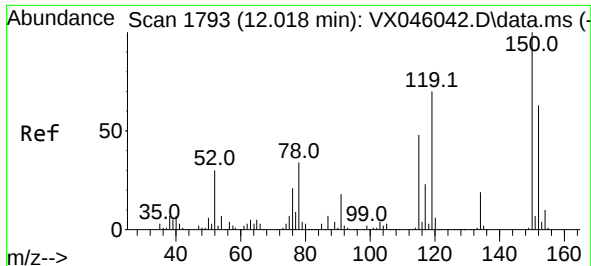
Ion Ratio Lower Upper

117 100

82 64.7 50.6 76.0

119 33.0 25.8 38.6

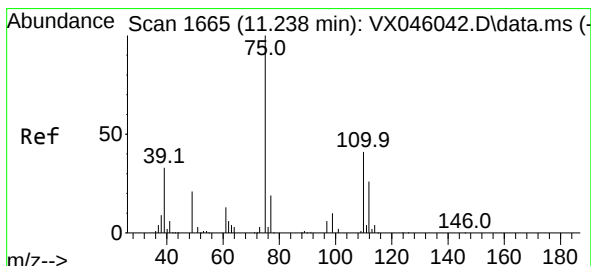
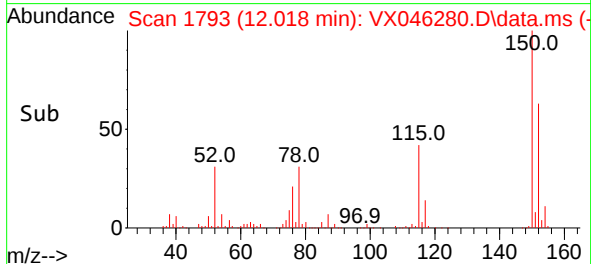
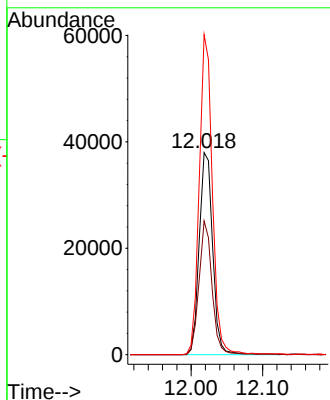
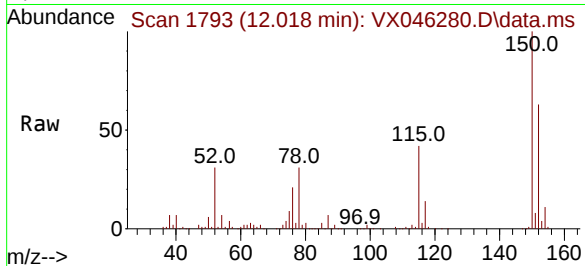




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

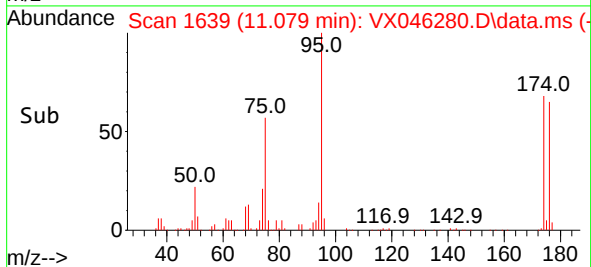
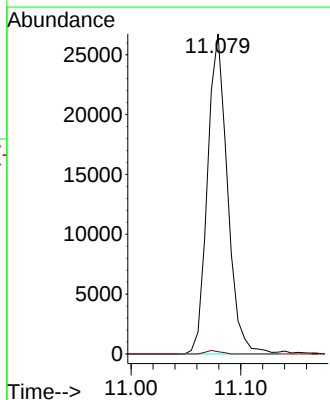
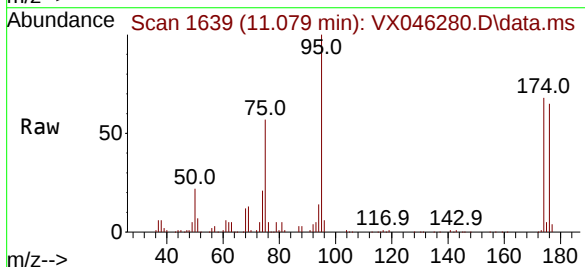
Instrument :
MSVOA_X
ClientSampleId :
GDW1

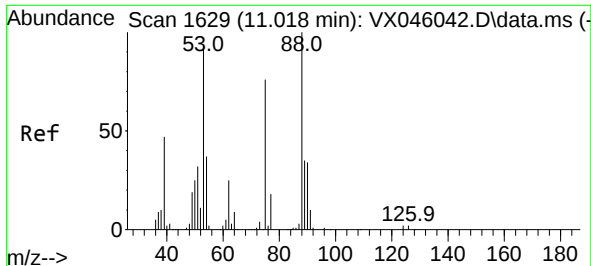
Tgt Ion:152 Resp: 49714
Ion Ratio Lower Upper
152 100
115 63.9 46.9 140.7
150 154.3 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 28.288 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 75 Resp: 33851
Ion Ratio Lower Upper
75 100
77 0.8 20.5 61.5#

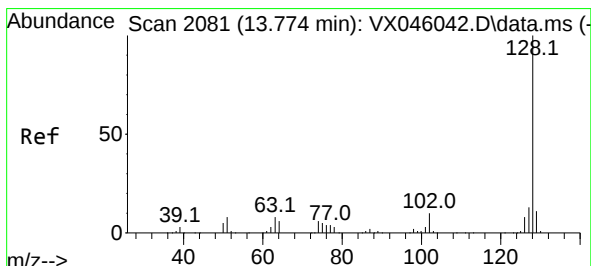
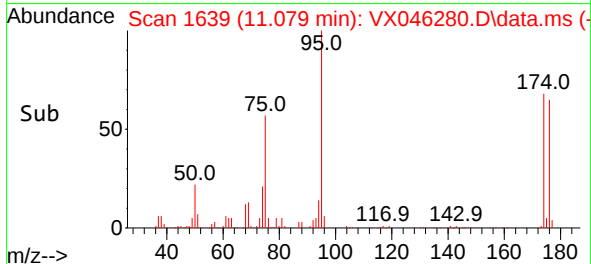
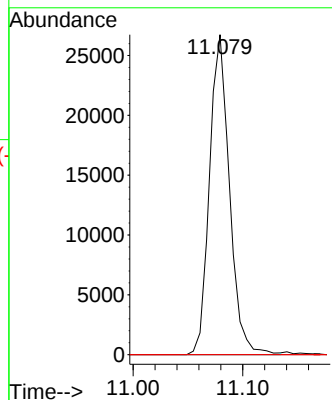
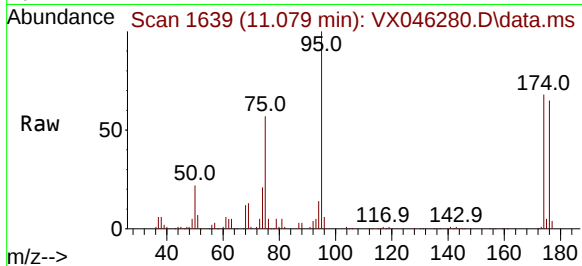




#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.098 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX046280.D
 Acq: 19 May 2025 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 GDW1

Tgt Ion: 75 Resp: 33851
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#



#95
 Naphthalene
 Concen: 0.424 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX046280.D
 Acq: 19 May 2025 20:06

Tgt Ion: 128 Resp: 1470
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.4 15.6
 129 7.6 8.6 13.0#

