

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047265.D
 Acq On : 08 Aug 2025 12:19
 Operator : JC/MD
 Sample : VX0808WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBL01

Quant Time: Aug 11 01:57:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

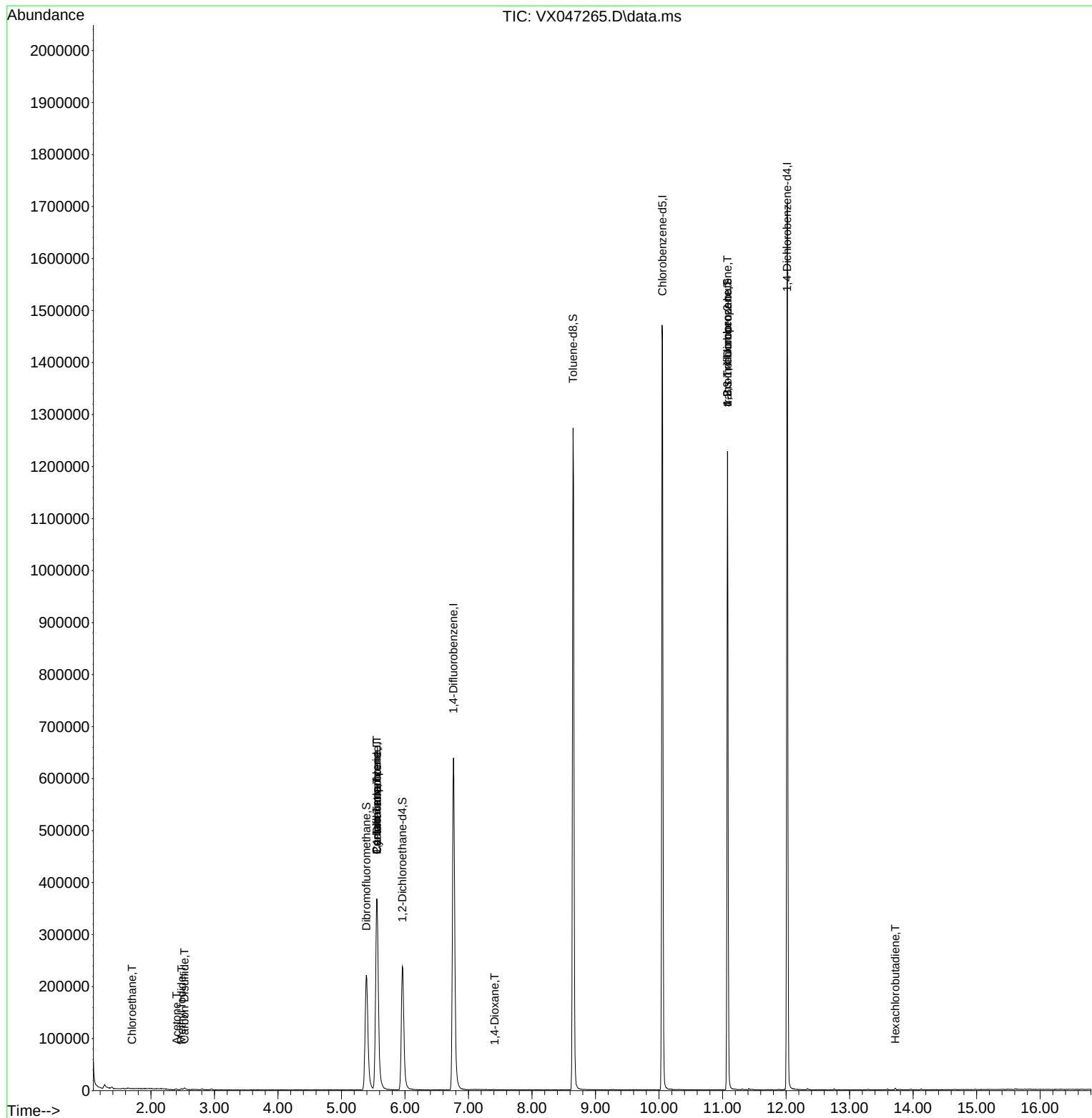
Internal Standards						
1) Pentafluorobenzene	5.556	168	368606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	680757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	661932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	331943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	253067	55.114	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.220%			
35) Dibromofluoromethane	5.391	113	212297	50.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.020%			
50) Toluene-d8	8.647	98	768537	56.460	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.920%#			
62) 4-Bromofluorobenzene	11.079	95	316689	53.987	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.980%			
Target Compounds			Qvalue			
6) Chloroethane	1.703	64	863	0.252	ug/l #	43
10) Methyl Iodide	2.483	142	3724	0.781	ug/l #	89
11) Tert butyl alcohol	2.947	59	42	Below Cal	#	72
16) Acetone	2.404	43	2240	1.218	ug/l #	85
17) Carbon Disulfide	2.526	76	3284	0.245	ug/l #	84
31) Cyclohexane	5.556	56	7814	0.910	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	31408	4.384	ug/l #	50
38) Carbon Tetrachloride	5.556	117	38572	5.044	ug/l #	17
49) 1,4-Dioxane	7.409	88	23	0.361	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	165215	26.890	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	165215	69.279	ug/l #	8
94) Hexachlorobutadiene	13.719	225	551	0.215	ug/l	91

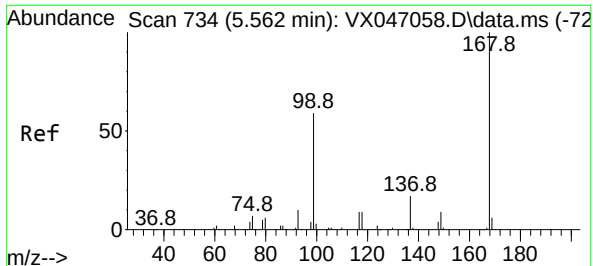
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

Quant Time: Aug 11 01:57:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

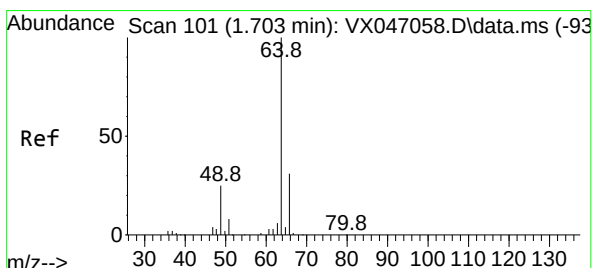
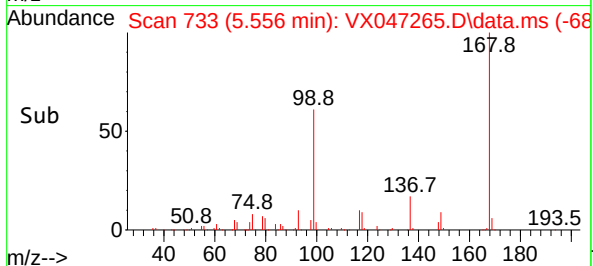
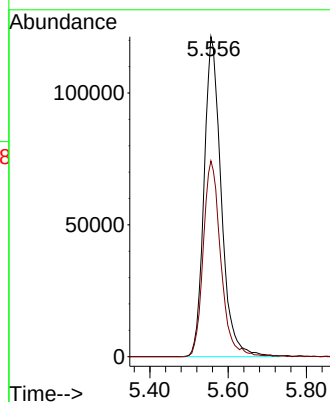
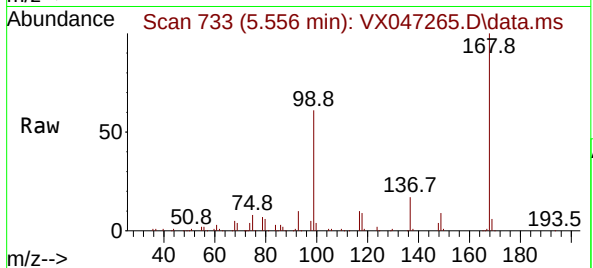




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

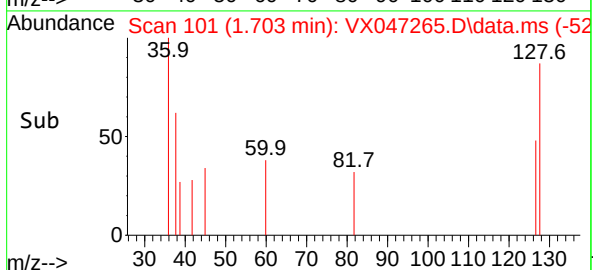
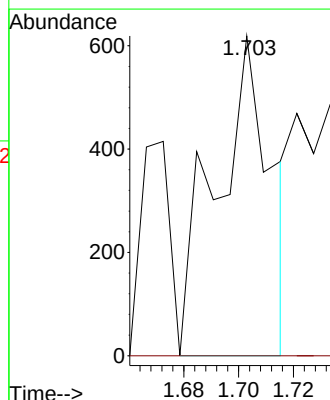
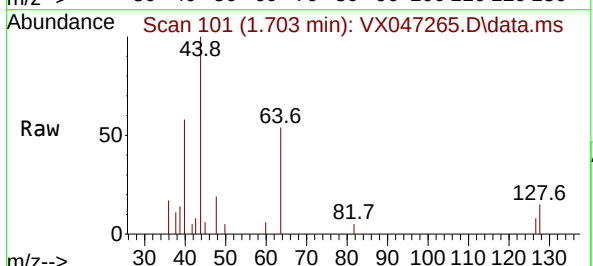
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

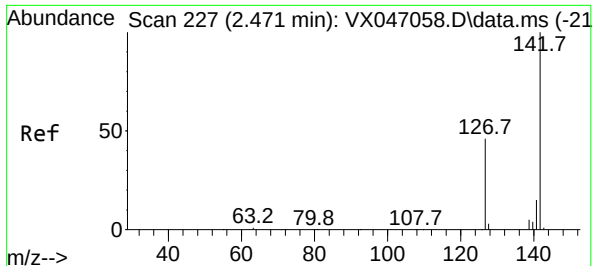
Tgt Ion:168 Resp: 368606
Ion Ratio Lower Upper
168 100
99 61.2 48.0 72.0



#6
Chloroethane
Concen: 0.252 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

Tgt Ion: 64 Resp: 863
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#

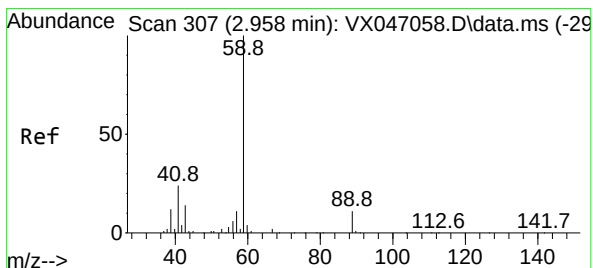
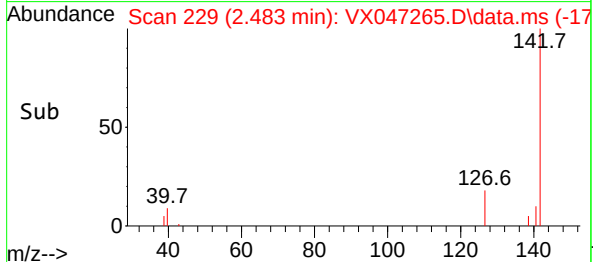
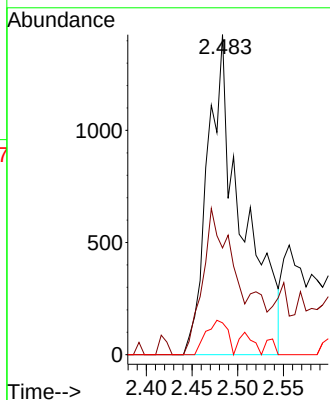
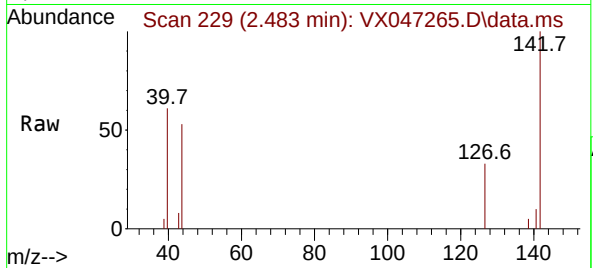




#10
Methyl Iodide
Concen: 0.781 ug/l
RT: 2.483 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

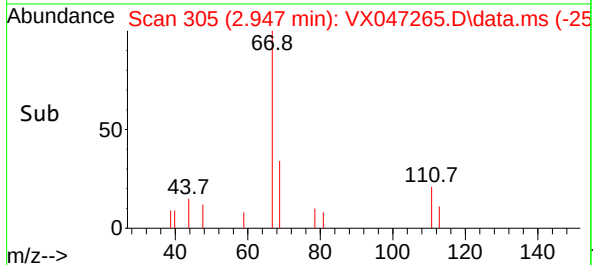
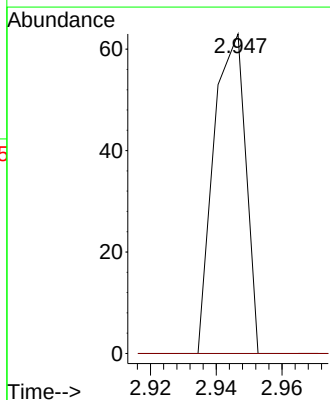
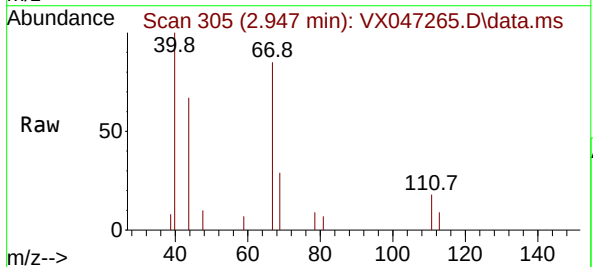
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

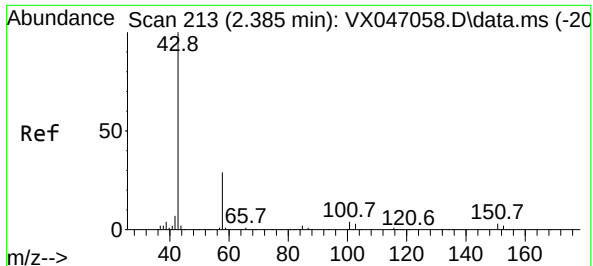
Tgt Ion:142 Resp: 3724
Ion Ratio Lower Upper
142 100
127 39.6 36.6 54.8
141 6.6 10.9 16.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

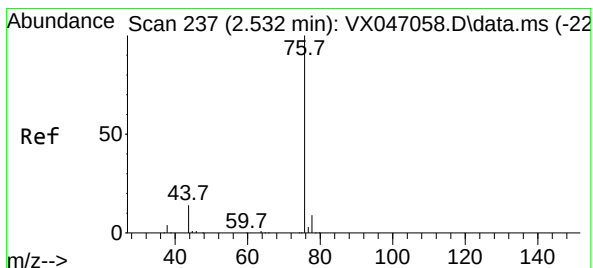
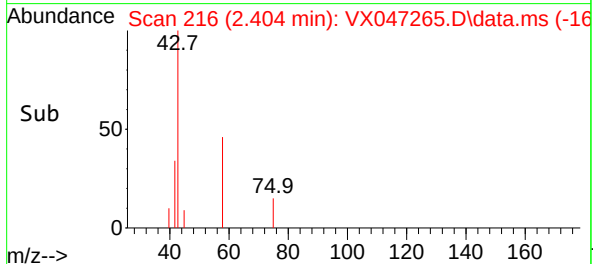
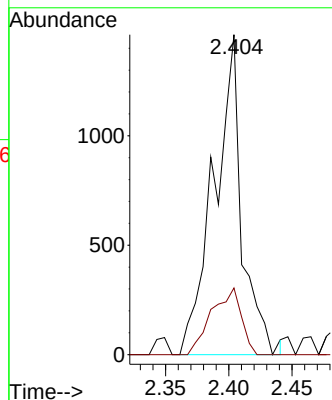
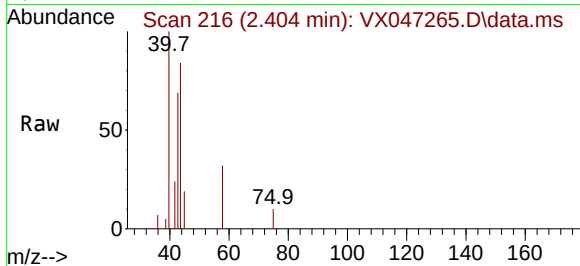




#16
Acetone
Concen: 1.218 ug/l
RT: 2.404 min Scan# 213
Delta R.T. 0.019 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

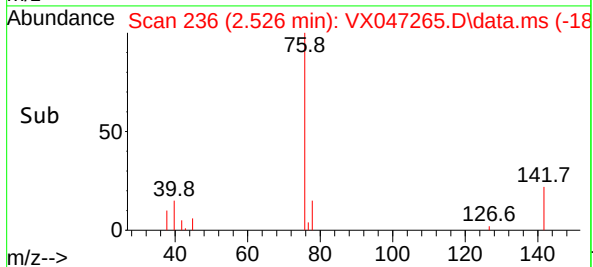
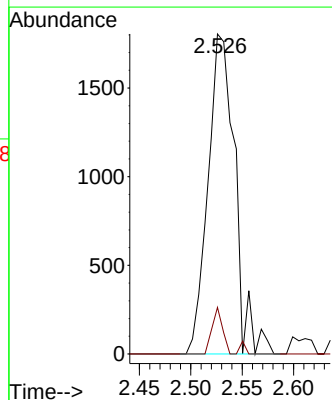
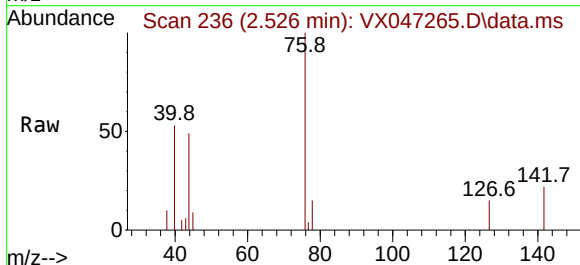
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

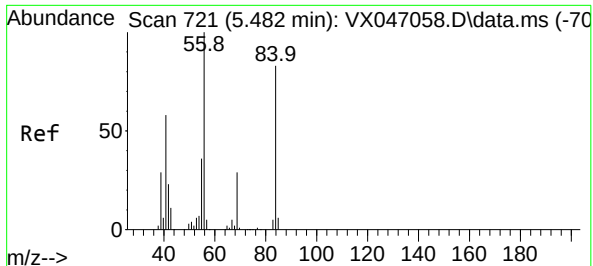
Tgt Ion: 43 Resp: 2240
Ion Ratio Lower Upper
43 100
58 21.9 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

Tgt Ion: 76 Resp: 3284
Ion Ratio Lower Upper
76 100
78 14.6 7.0 10.4#

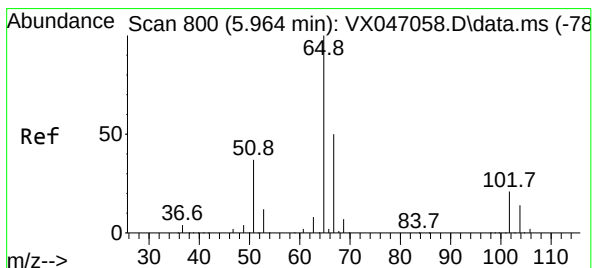
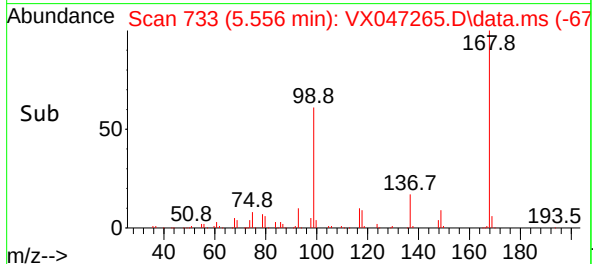
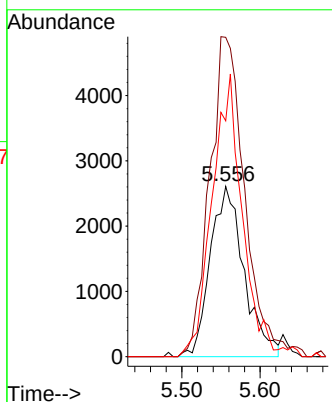
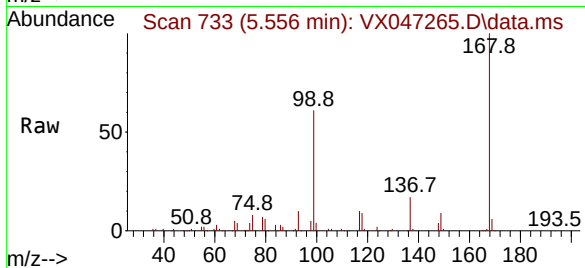




#31
Cyclohexane
Concen: 0.910 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

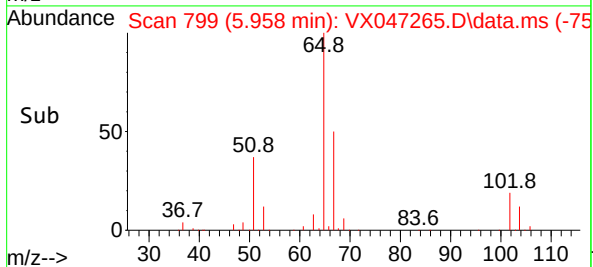
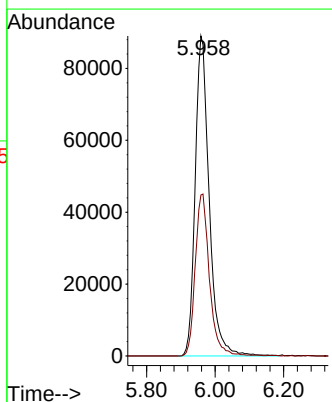
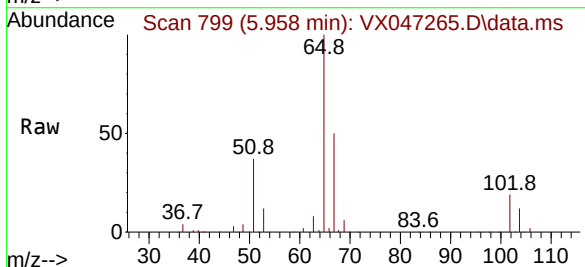
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

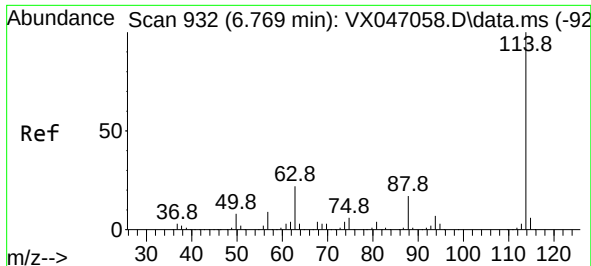
Tgt Ion: 56 Resp: 7814
Ion Ratio Lower Upper
56 100
69 187.6 23.3 34.9#
84 138.6 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 55.114 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

Tgt Ion: 65 Resp: 253067
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

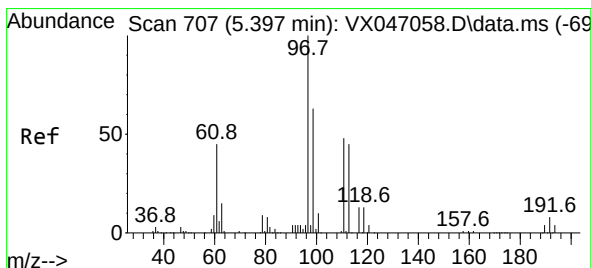
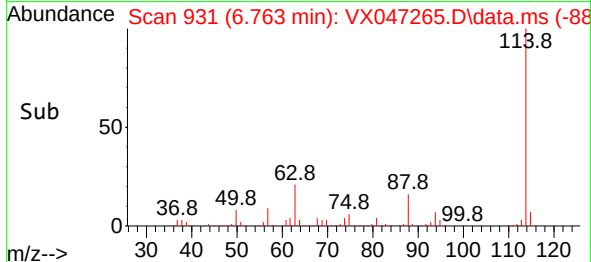
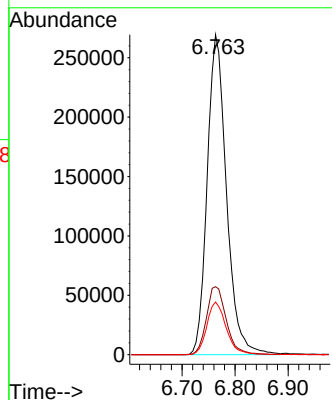
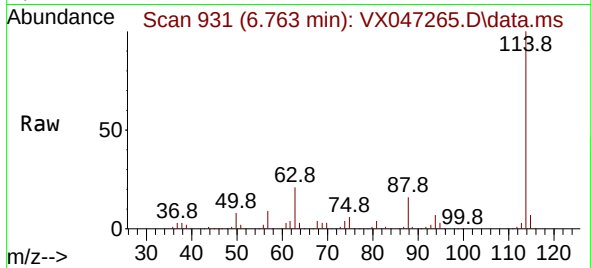




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

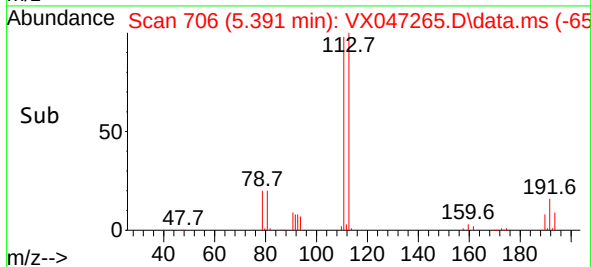
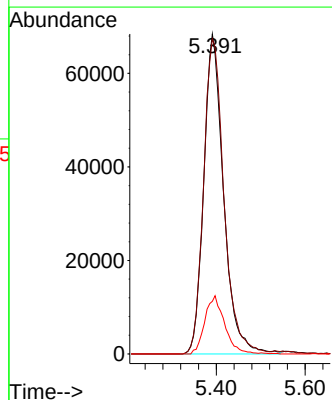
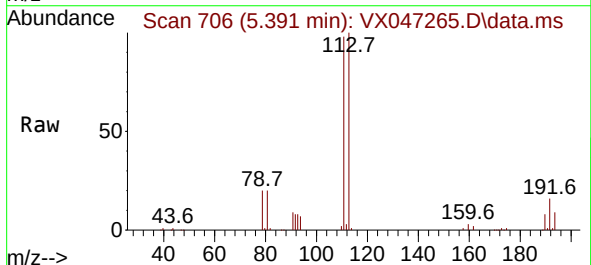
Instrument :
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ClientSampleId :
VX0808WBL01

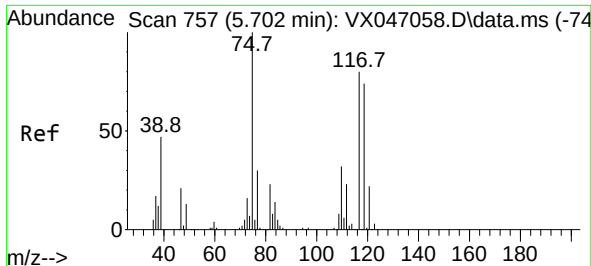
Tgt Ion:114 Resp: 680757
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 16.5 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.508 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

Tgt Ion:113 Resp: 212297
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 18.1 14.9 22.3

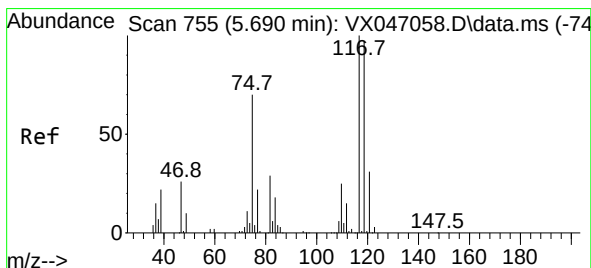
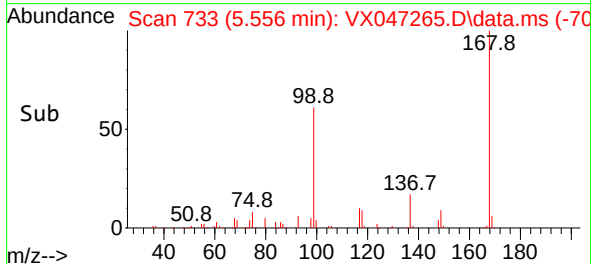
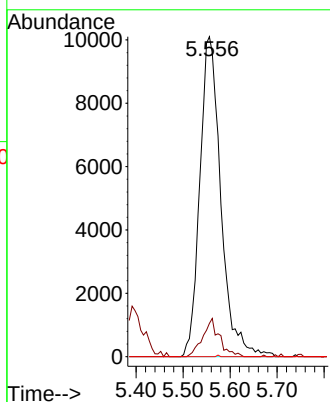
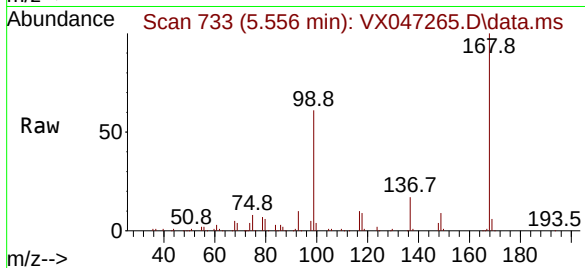




#36
1,1-Dichloropropene
Concen: 4.384 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

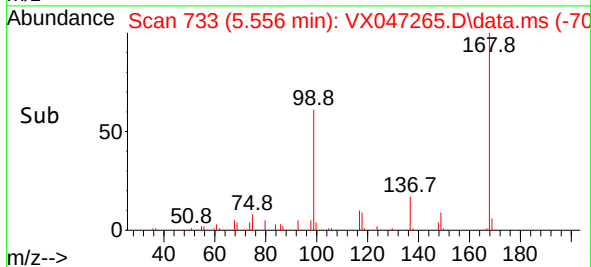
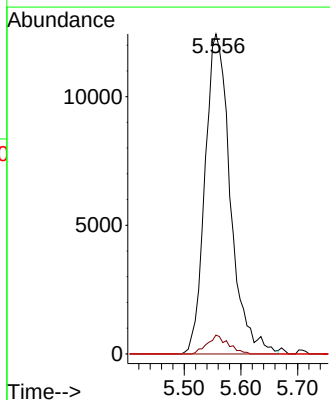
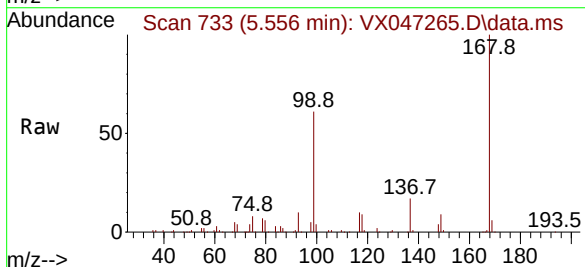
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

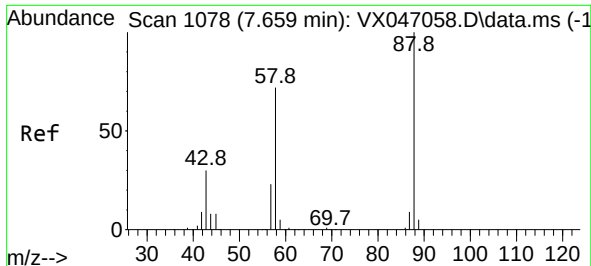
Tgt Ion: 75 Resp: 31408
Ion Ratio Lower Upper
75 100
110 9.5 17.2 51.5#
77 0.1 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.044 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

Tgt Ion: 117 Resp: 38572
Ion Ratio Lower Upper
117 100
119 5.9 76.6 115.0#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 0.361 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.250 min

Lab File: VX047265.D

Acq: 08 Aug 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBL01

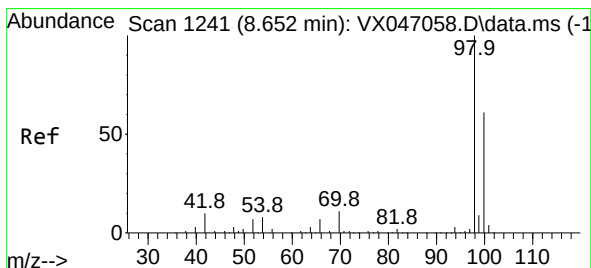
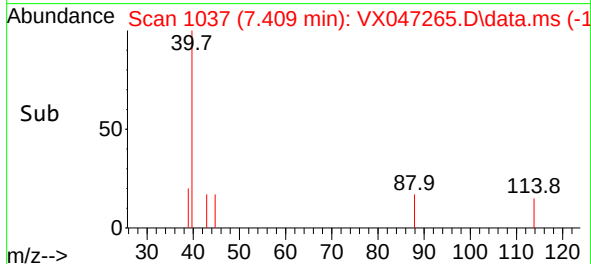
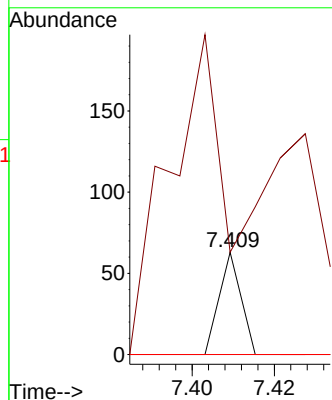
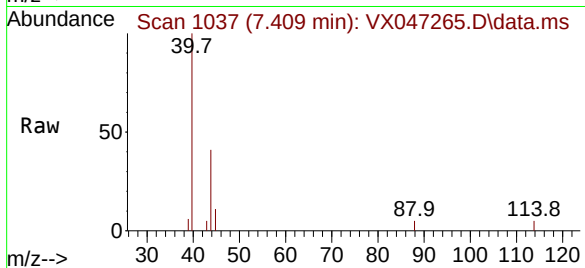
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 917.4 33.6 50.4#

58 0.0 58.8 88.2#



#50

Toluene-d8

Concen: 56.460 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047265.D

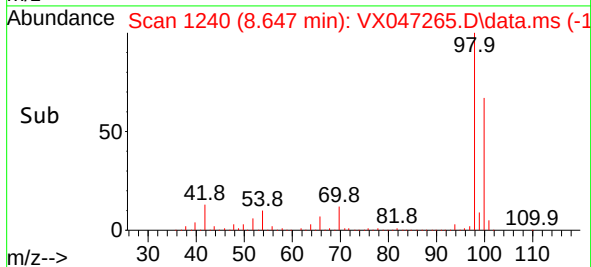
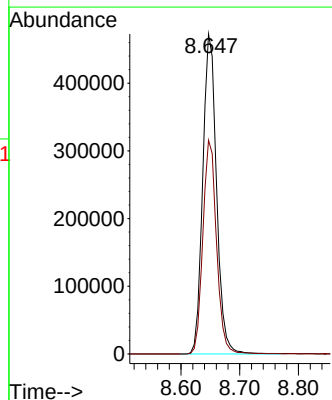
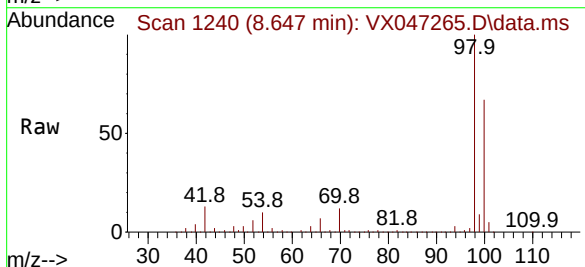
Acq: 08 Aug 2025 12:19

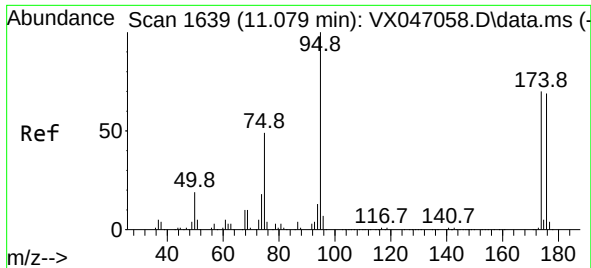
Tgt Ion: 98 Resp: 768537

Ion Ratio Lower Upper

98 100

100 66.3 53.3 79.9

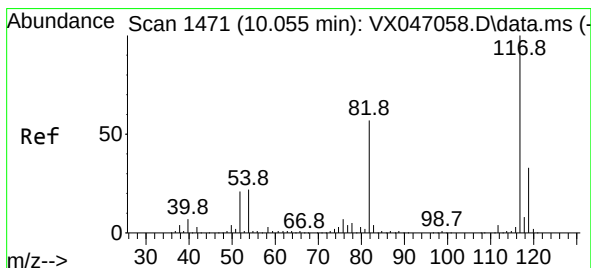
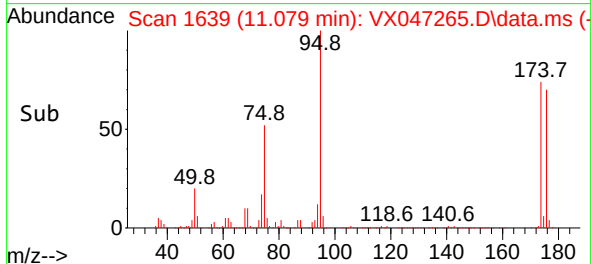
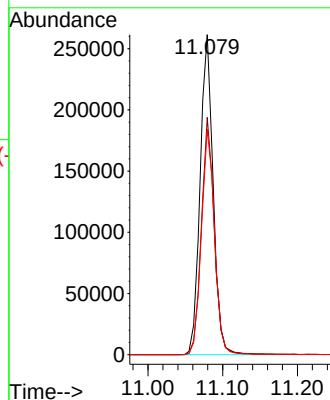
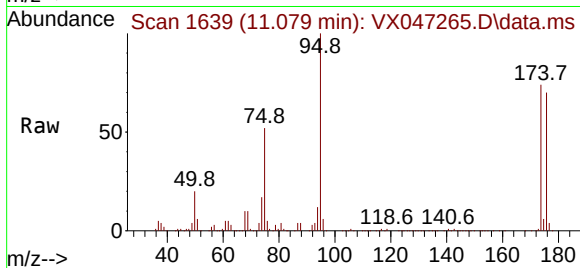




#62
4-Bromofluorobenzene
Concen: 53.987 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

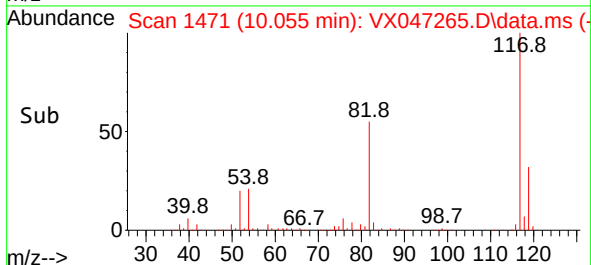
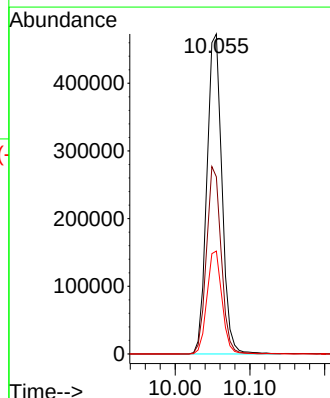
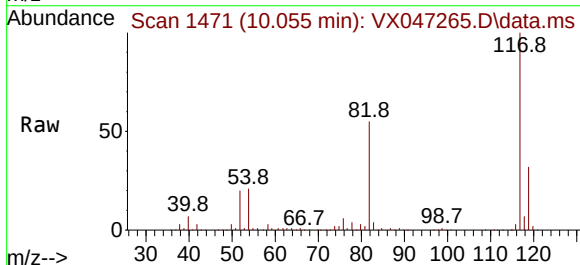
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

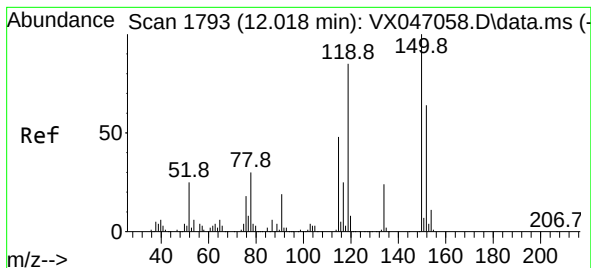
Tgt Ion: 95 Resp: 316689
Ion Ratio Lower Upper
95 100
174 73.1 0.0 144.6
176 70.9 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

Tgt Ion: 117 Resp: 661932
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.2
119 32.1 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047265.D

Acq: 08 Aug 2025 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBL01

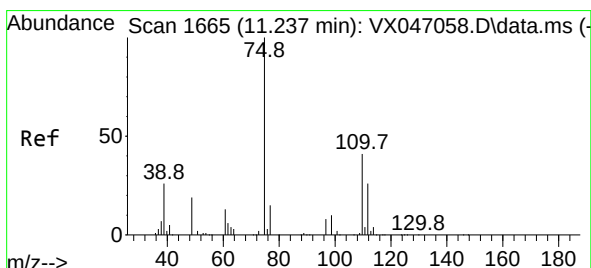
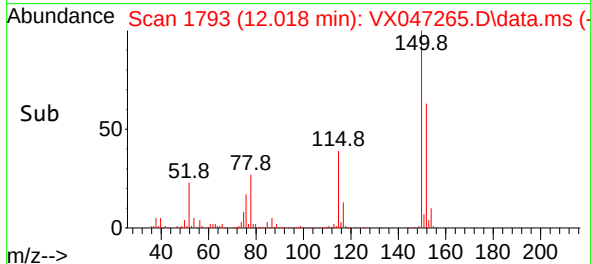
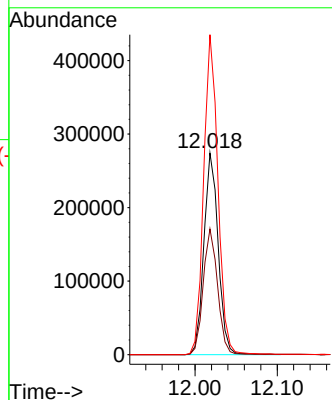
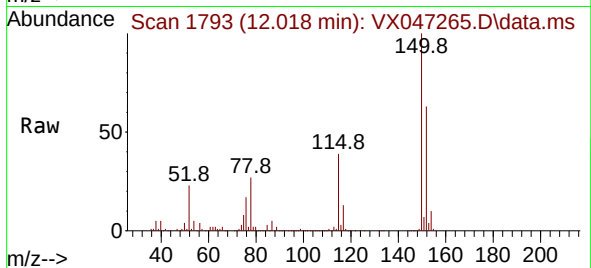
Tgt Ion:152 Resp: 331943

Ion Ratio Lower Upper

152 100

115 62.8 45.6 136.7

150 158.0 0.0 354.6



#76

1,2,3-Trichloropropane

Concen: 26.890 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047265.D

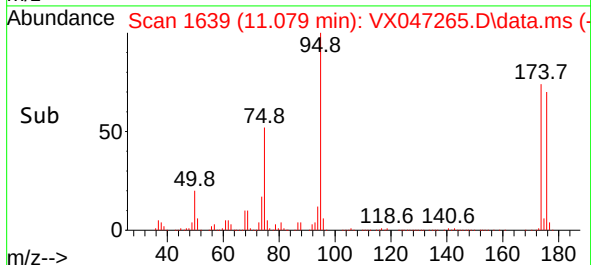
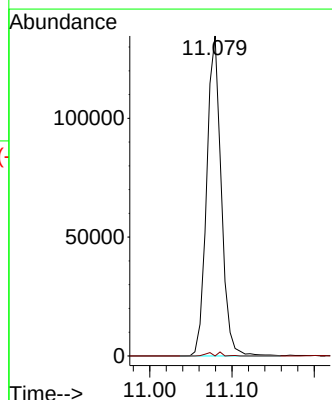
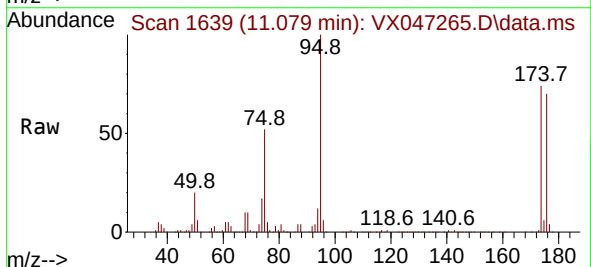
Acq: 08 Aug 2025 12:19

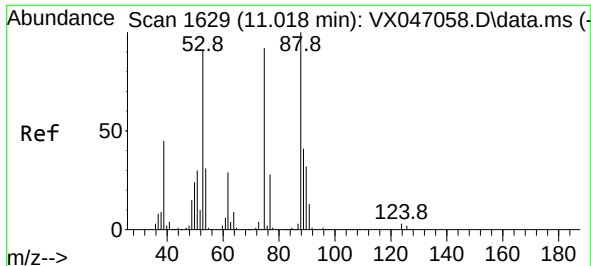
Tgt Ion: 75 Resp: 165215

Ion Ratio Lower Upper

75 100

77 0.5 21.6 65.0#

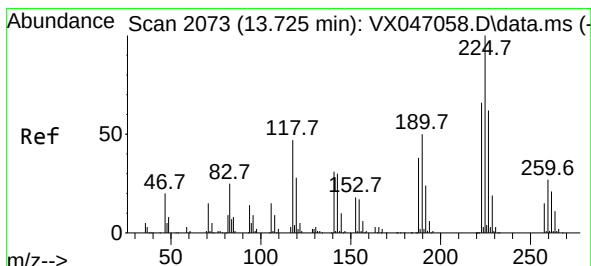
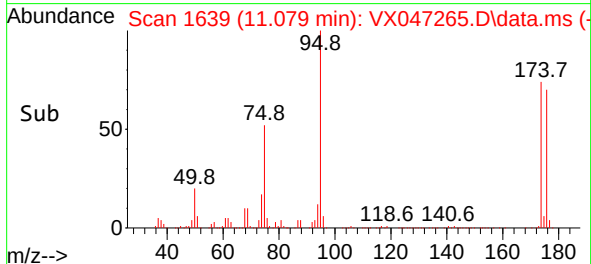
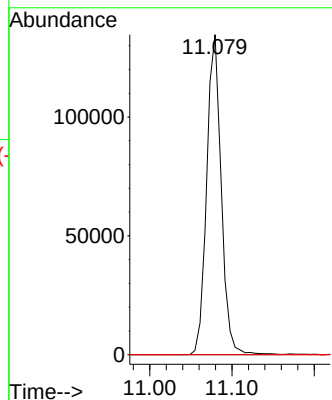
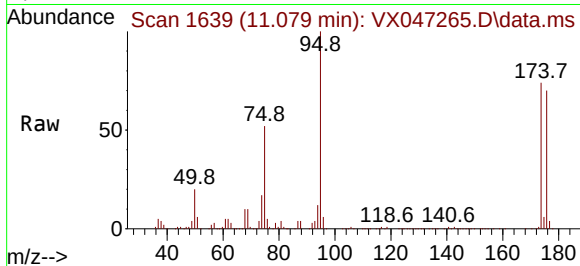




#81
trans-1,4-Dichloro-2-butene
Concen: 69.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

Tgt Ion: 75 Resp: 165215
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#



#94
Hexachlorobutadiene
Concen: 0.215 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047265.D
Acq: 08 Aug 2025 12:19

Tgt Ion: 225 Resp: 551
Ion Ratio Lower Upper
225 100
223 51.9 31.6 95.0
227 63.3 32.9 98.6

