

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047099.D
 Acq On : 23 Jul 2025 17:57
 Operator : JC/MD
 Sample : Q2481-19 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-CLOXAL

Quant Time: Jul 24 05:55:50 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)

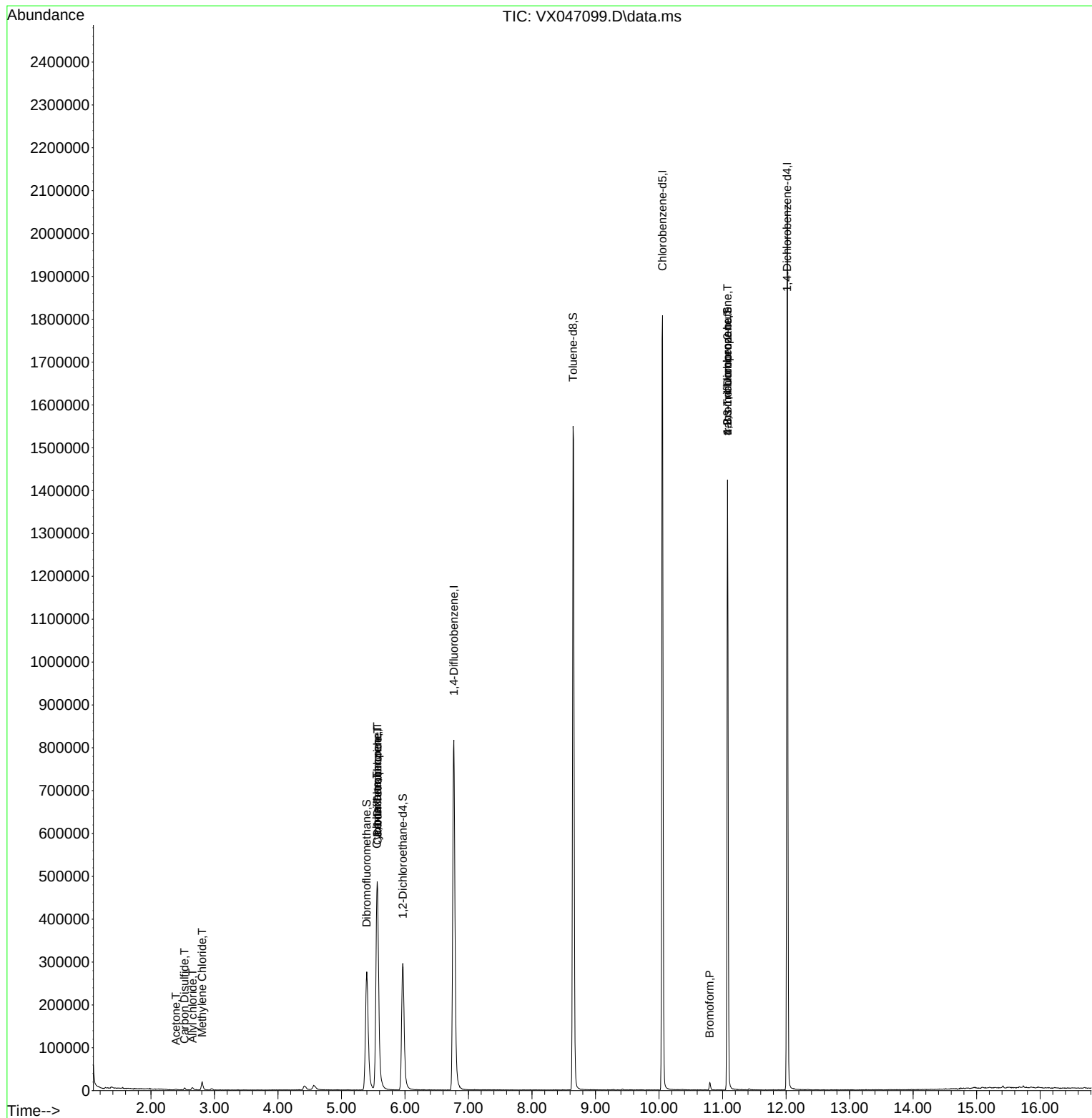
Internal Standards						
1) Pentafluorobenzene	5.562	168	488528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	872023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	813709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	404152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	317621	52.193	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.380%		
35) Dibromofluoromethane	5.397	113	260814	48.441	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.880%		
50) Toluene-d8	8.647	98	941158	53.976	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 107.960%		
62) 4-Bromofluorobenzene	11.079	95	389770	51.871	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.740%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	696	Below Cal	#	72
14) Allyl chloride	2.654	41	6620	0.597	ug/l #	44
16) Acetone	2.392	43	1825	0.749	ug/l	98
17) Carbon Disulfide	2.526	76	5108	0.288	ug/l #	89
20) Methylene Chloride	2.806	84	8846	1.319	ug/l	96
31) Cyclohexane	5.556	56	11191	0.984	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	41836	4.558	ug/l #	50
38) Carbon Tetrachloride	5.568	117	51194	5.226	ug/l #	15
71) Bromoform	10.799	173	6944	1.424	ug/l #	98
76) 1,2,3-Trichloropropane	11.079	75	200529	26.806	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	200529	69.064	ug/l #	8

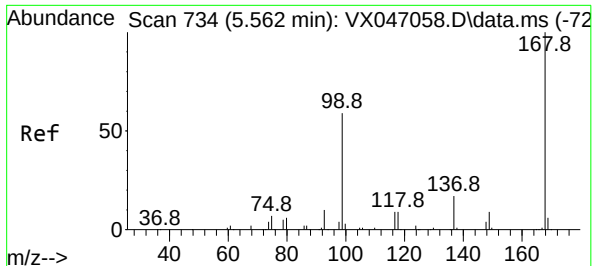
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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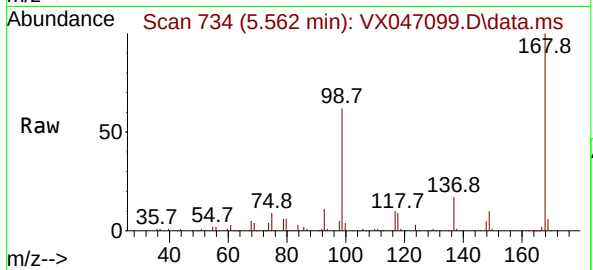
Quant Time: Jul 24 05:55:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



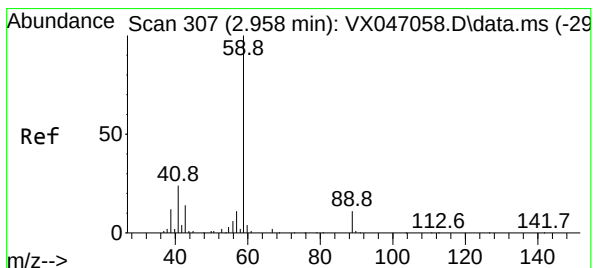
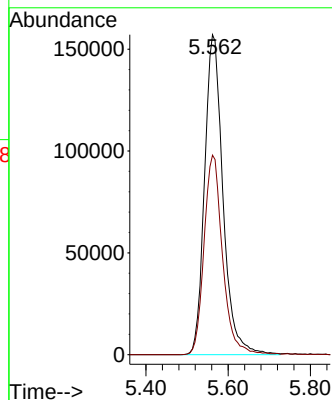
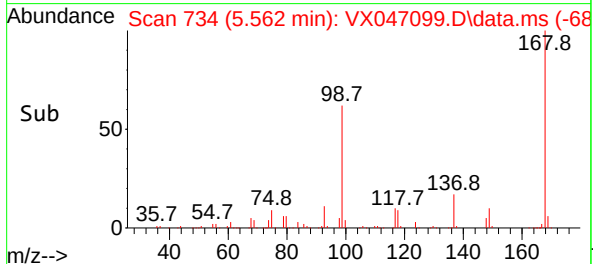


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

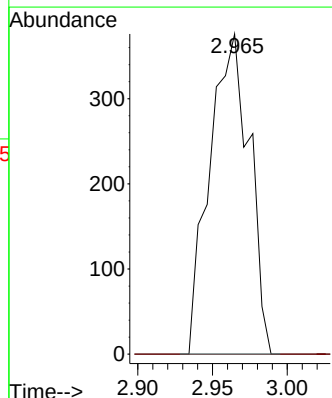
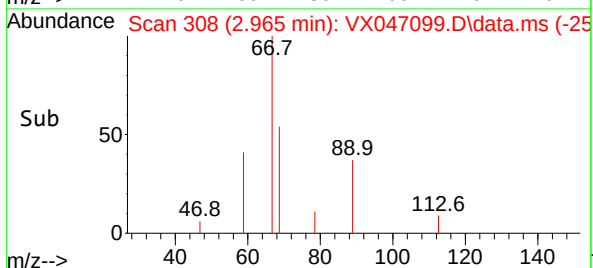
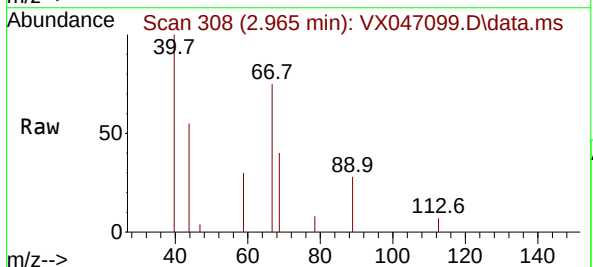


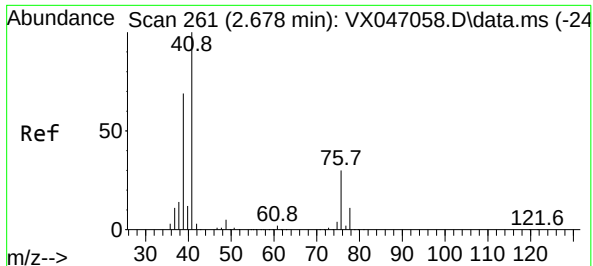
Tgt Ion:168 Resp: 488528
Ion Ratio Lower Upper
168 100
99 62.4 48.0 72.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. 0.007 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Tgt Ion: 59 Resp: 696
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

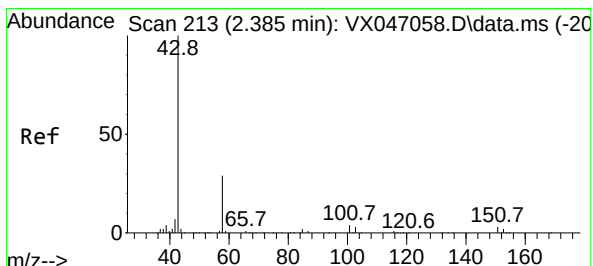
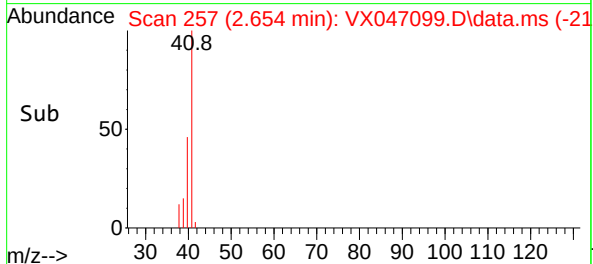
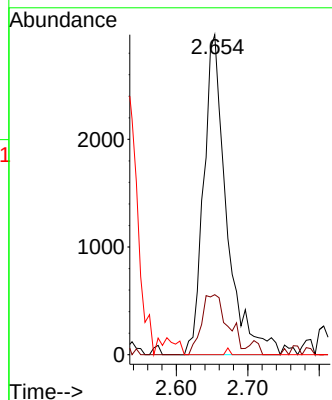
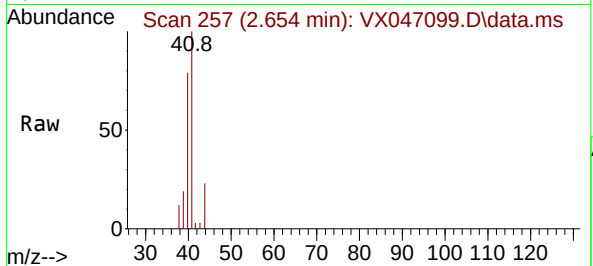




#14
Allyl chloride
Concen: 0.597 ug/l
RT: 2.654 min Scan# 214
Delta R.T. -0.024 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

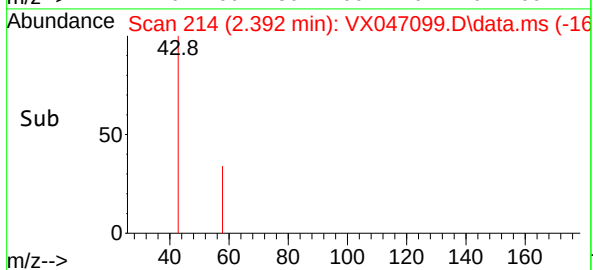
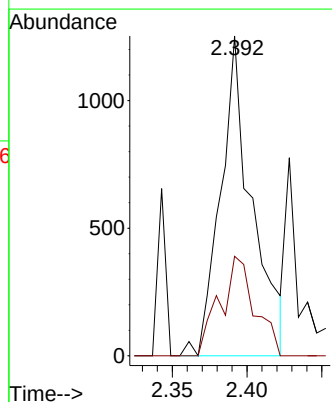
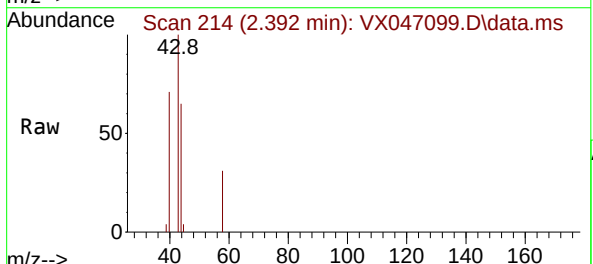
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

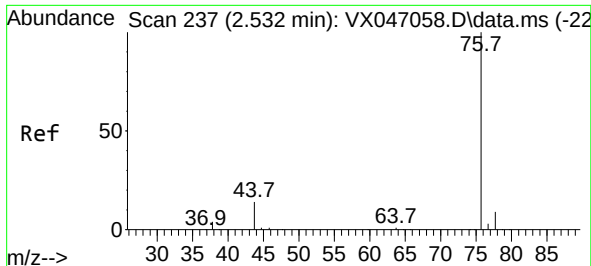
Tgt Ion: 41 Resp: 6620
Ion Ratio Lower Upper
41 100
39 21.6 52.6 78.8#
76 0.0 25.7 38.5#



#16
Acetone
Concen: 0.749 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Tgt Ion: 43 Resp: 1825
Ion Ratio Lower Upper
43 100
58 31.1 24.0 36.0

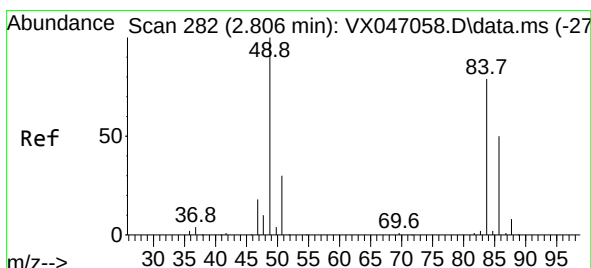
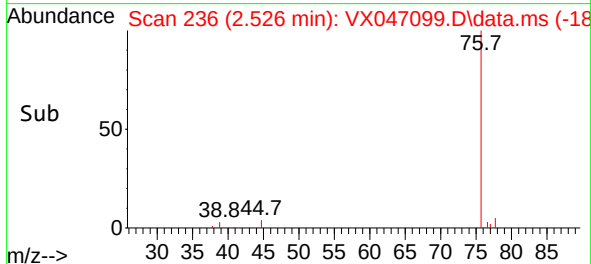
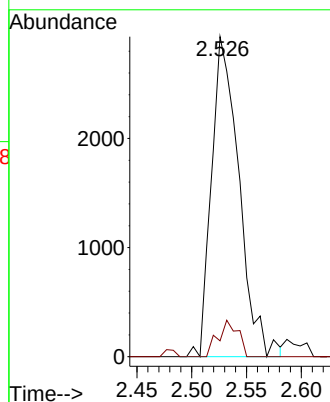
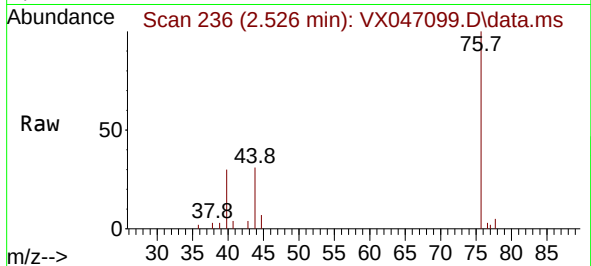




#17
Carbon Disulfide
Concen: 0.288 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

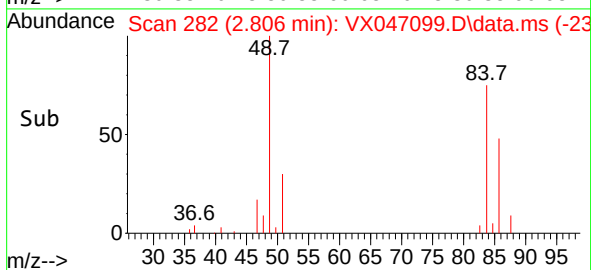
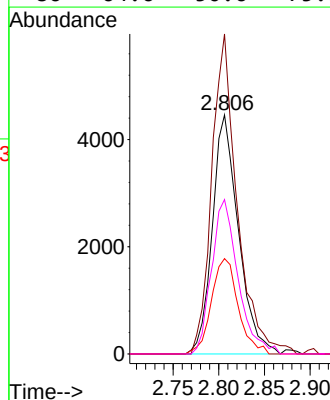
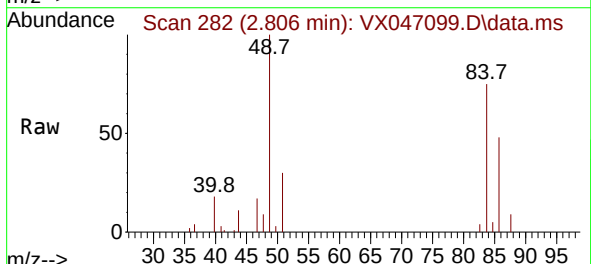
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

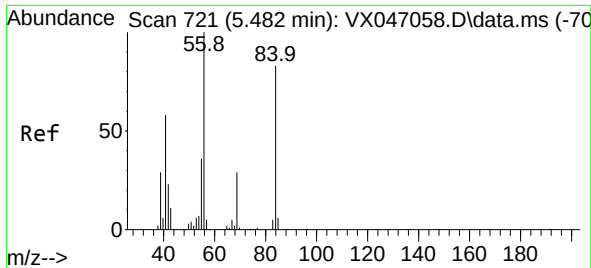
Tgt Ion: 76 Resp: 5108
Ion Ratio Lower Upper
76 100
78 4.8 7.0 10.4#



#20
Methylene Chloride
Concen: 1.319 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Tgt Ion: 84 Resp: 8846
Ion Ratio Lower Upper
84 100
49 133.9 101.6 152.4
51 39.9 30.3 45.5
86 64.6 50.6 75.8

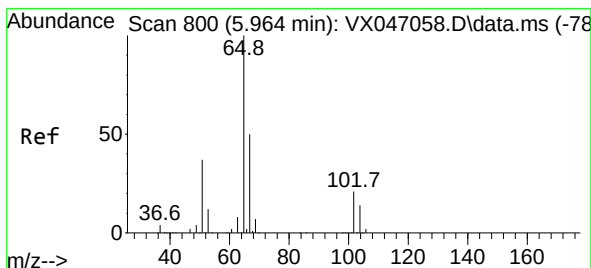
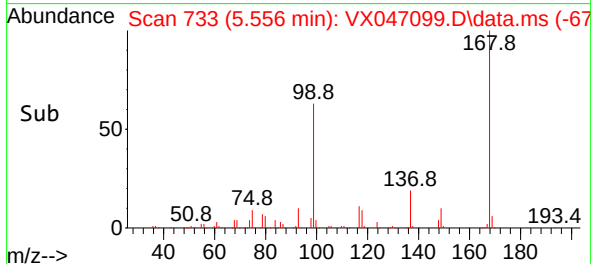
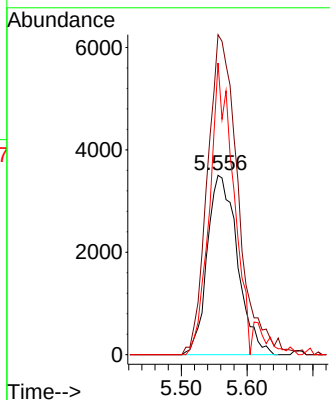
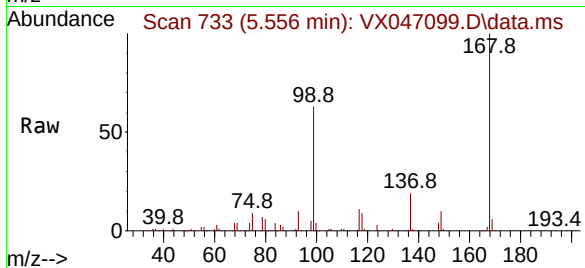




#31
Cyclohexane
Concen: 0.984 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

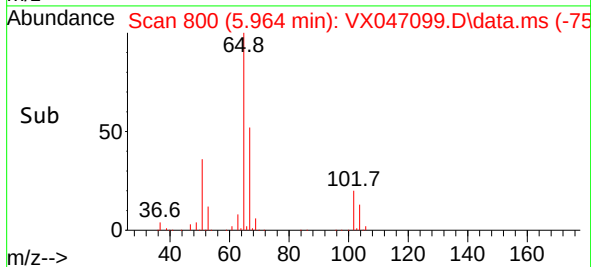
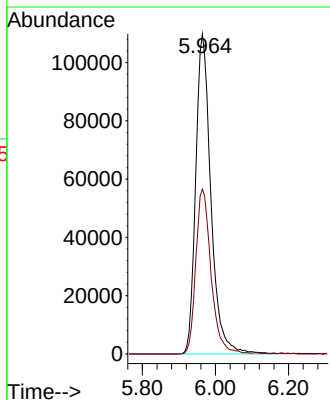
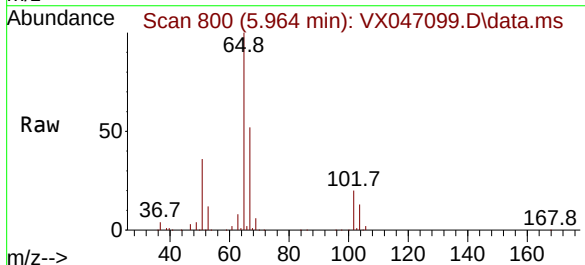
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

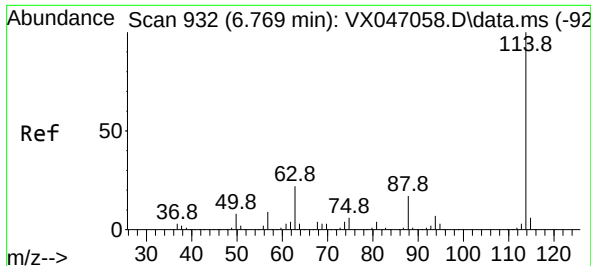
Tgt Ion: 56 Resp: 11191
Ion Ratio Lower Upper
56 100
69 178.4 23.3 34.9#
84 162.6 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 52.193 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Tgt Ion: 65 Resp: 317621
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

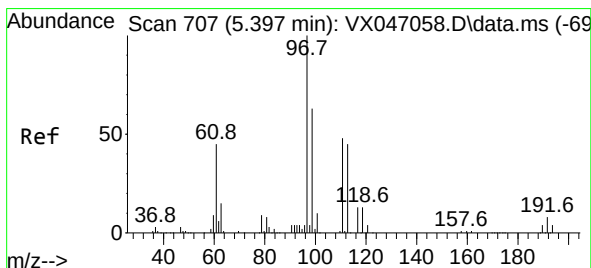
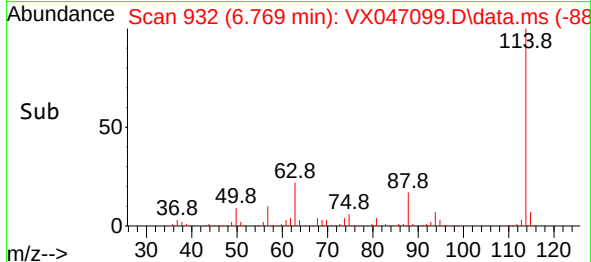
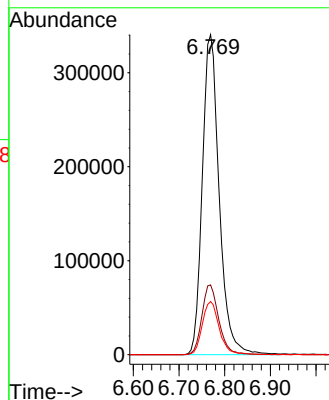
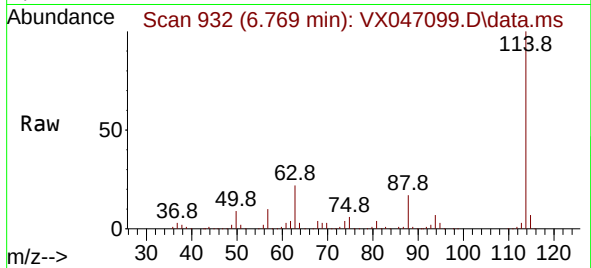




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

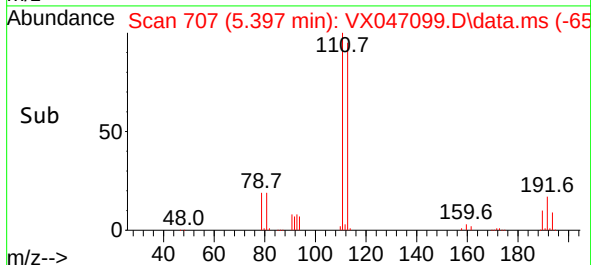
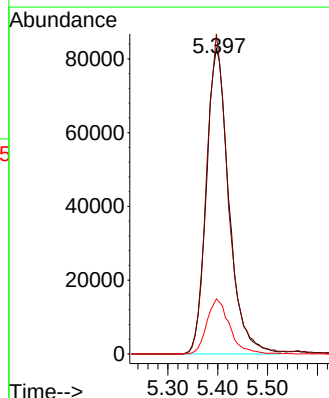
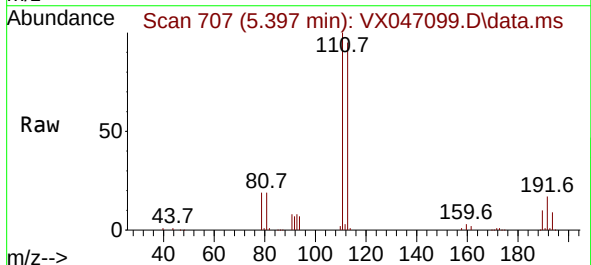
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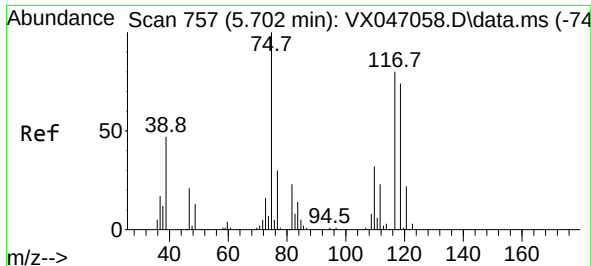
Tgt Ion:114 Resp: 872023
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.2
88 16.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.441 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

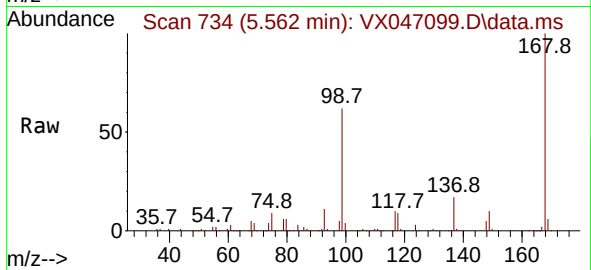
Tgt Ion:113 Resp: 260814
Ion Ratio Lower Upper
113 100
111 100.9 82.6 124.0
192 18.1 14.9 22.3



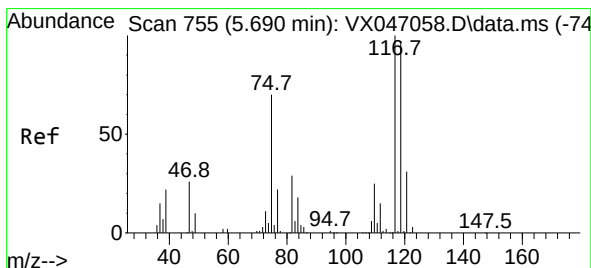
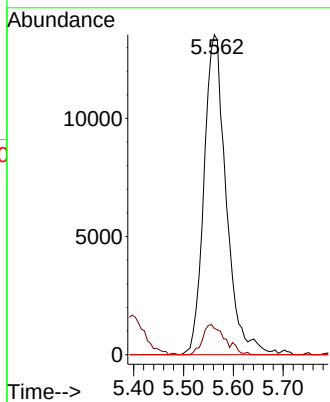
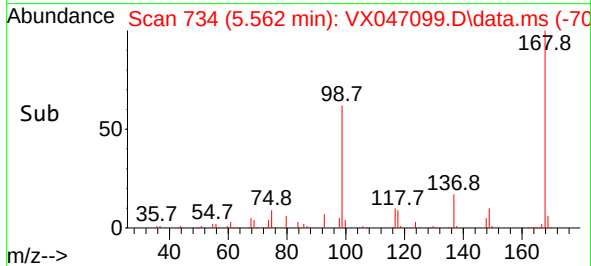


#36
1,1-Dichloropropene
Concen: 4.558 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Instrument :
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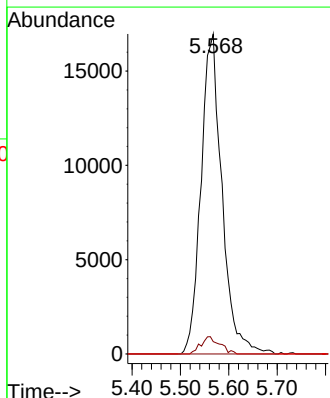
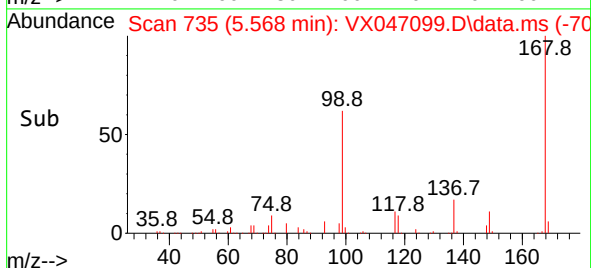
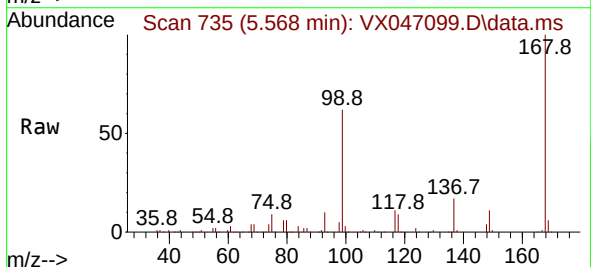


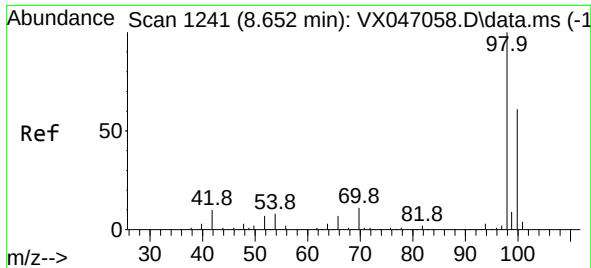
Tgt Ion: 75 Resp: 41836
Ion Ratio Lower Upper
75 100
110 9.5 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.226 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Tgt Ion: 117 Resp: 51194
Ion Ratio Lower Upper
117 100
119 3.9 76.6 115.0#
121 0.0 24.4 36.6#

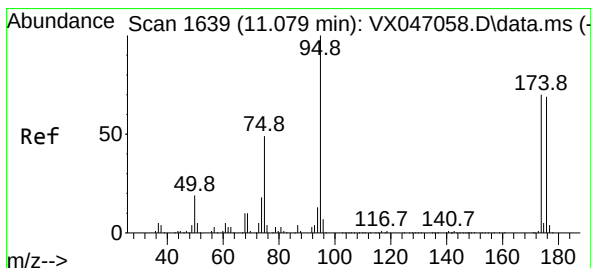
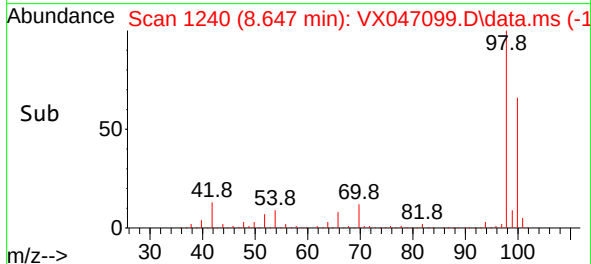
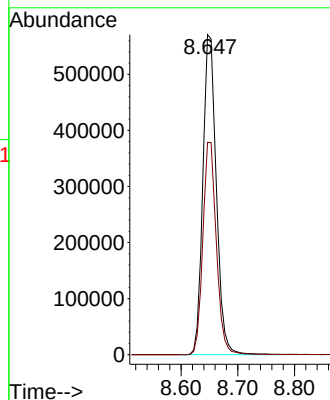
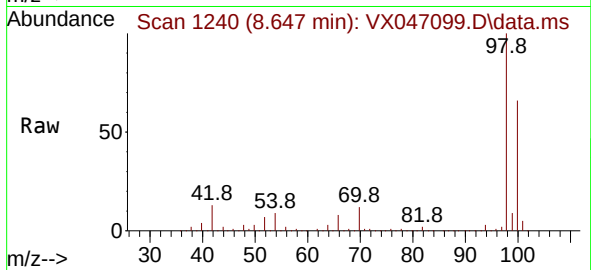




#50
Toluene-d8
Concen: 53.976 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

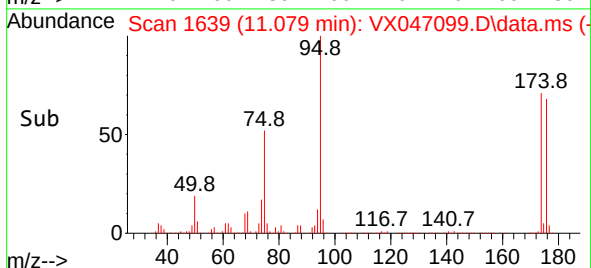
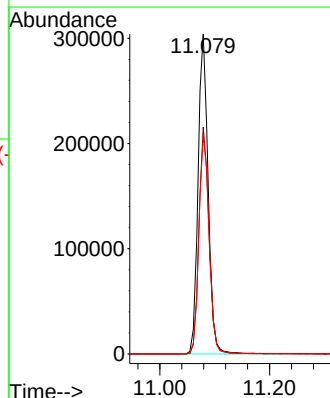
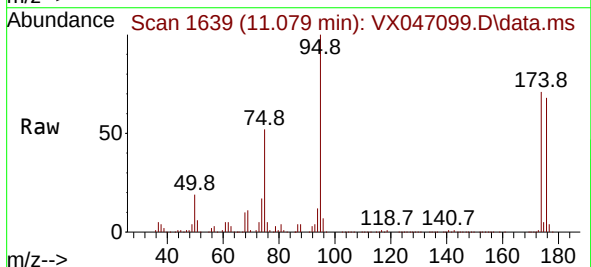
Instrument :
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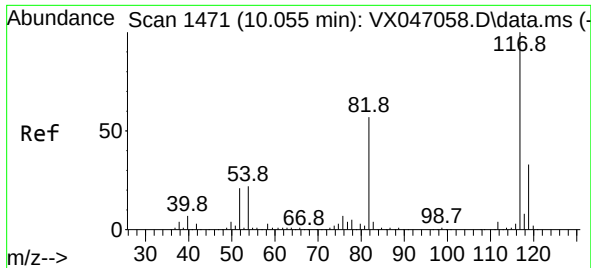
Tgt Ion: 98 Resp: 941158
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Tgt Ion: 95 Resp: 389770
Ion Ratio Lower Upper
95 100
174 70.8 0.0 144.6
176 69.2 0.0 139.6

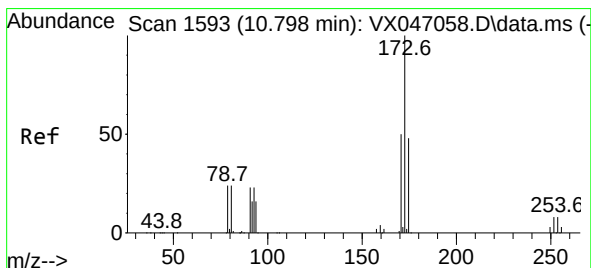
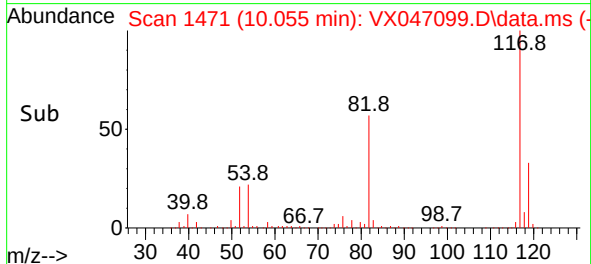
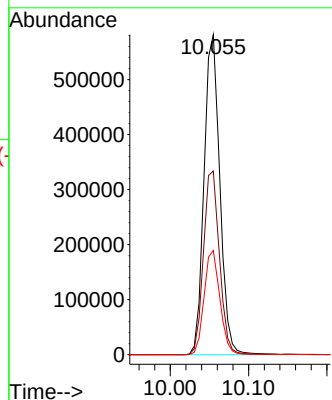
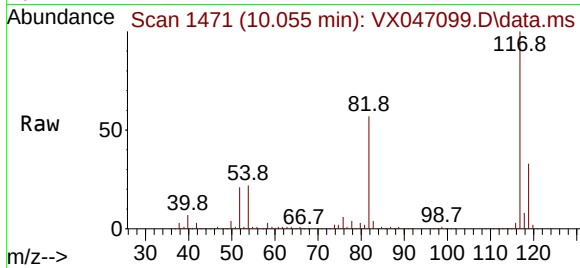




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

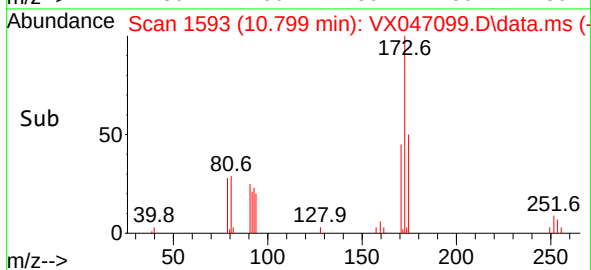
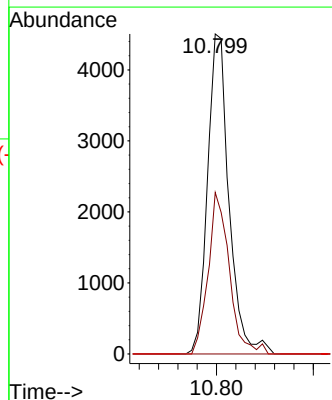
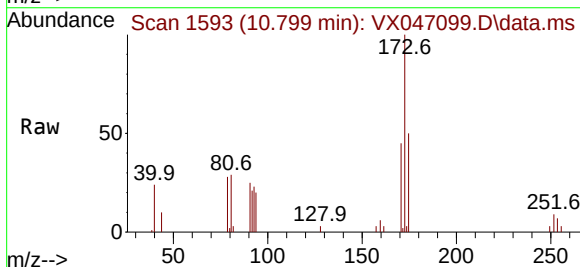
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXAL

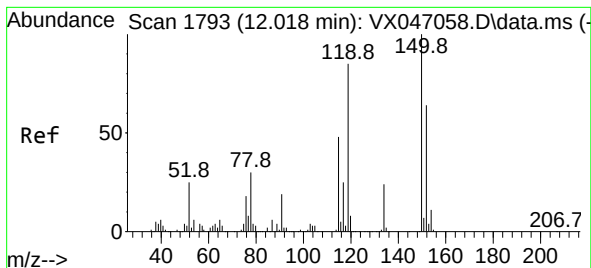
Tgt Ion:117 Resp: 813709
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.2
119 32.5 26.1 39.1



#71
Bromoform
Concen: 1.424 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047099.D
Acq: 23 Jul 2025 17:57

Tgt Ion:173 Resp: 6944
Ion Ratio Lower Upper
173 100
175 49.8 24.2 72.6
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047099.D

Acq: 23 Jul 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

CC0627-CLOXAL

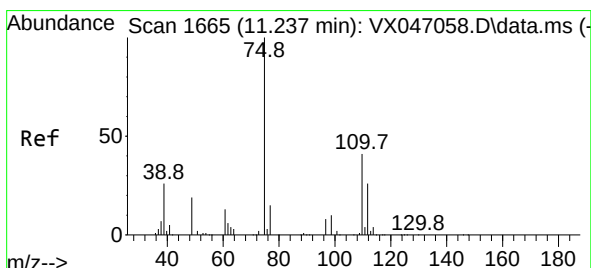
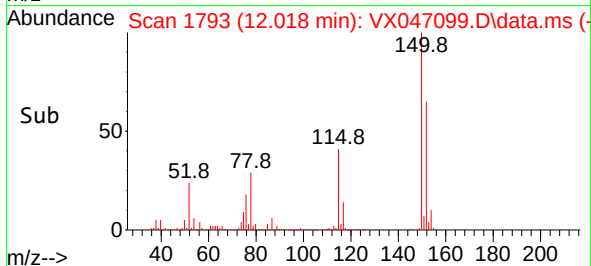
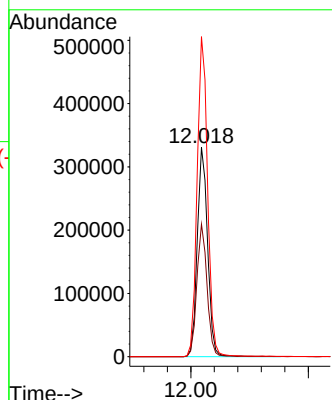
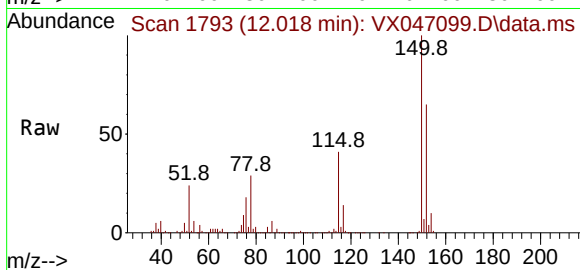
Tgt Ion:152 Resp: 404152

Ion Ratio Lower Upper

152 100

115 62.7 45.6 136.7

150 155.3 0.0 354.6



#76

1,2,3-Trichloropropane

Concen: 26.806 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047099.D

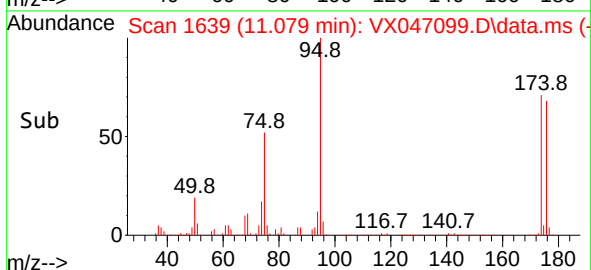
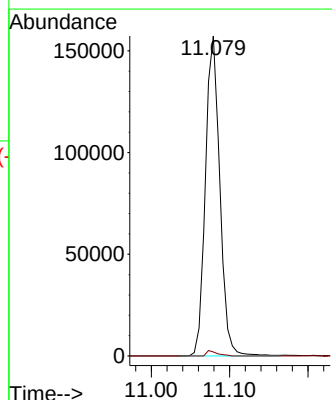
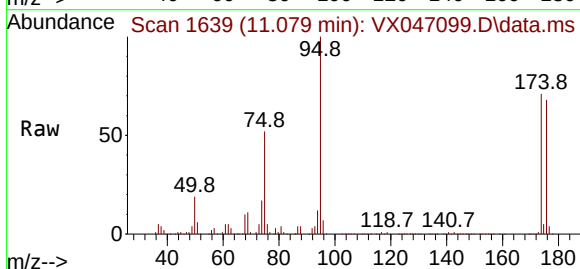
Acq: 23 Jul 2025 17:57

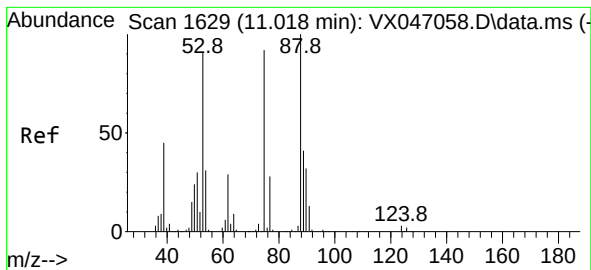
Tgt Ion: 75 Resp: 200529

Ion Ratio Lower Upper

75 100

77 1.2 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.064 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047099.D
 Acq: 23 Jul 2025 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-CLOXAL

Tgt Ion: 75 Resp: 200529
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.2 126.4#
 89 0.0 36.0 54.0#

