

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047304.D
 Acq On : 12 Aug 2025 17:49
 Operator : JC/MD
 Sample : Q2814-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-BP-E

Quant Time: Aug 13 01:25:18 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)

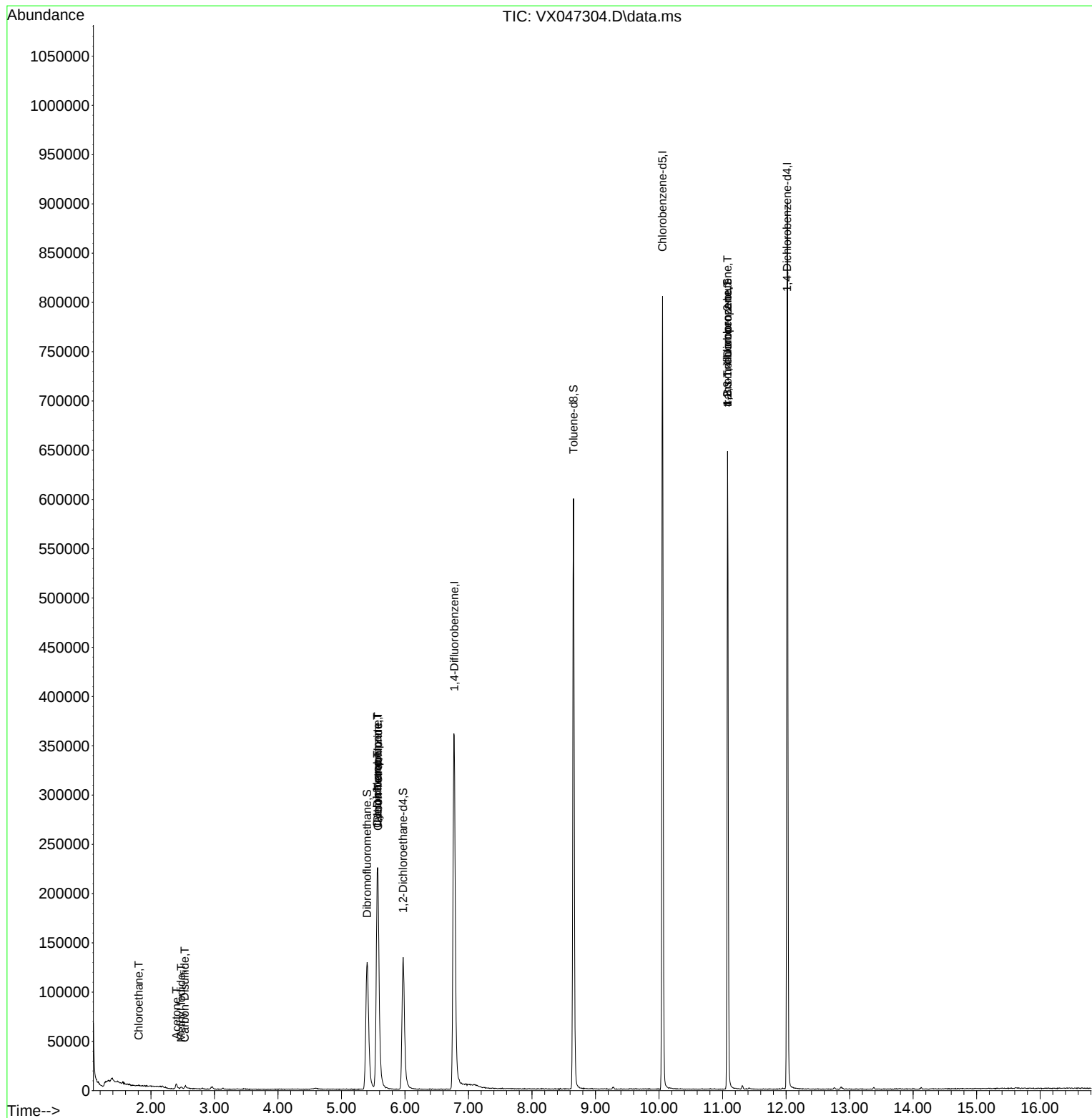
Internal Standards						
1) Pentafluorobenzene	5.568	168	230820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	391799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	181876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	144599	50.290	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.580%	
35) Dibromofluoromethane	5.403	113	127898	52.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.740%	
50) Toluene-d8	8.653	98	360407	46.004	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.000%	
62) 4-Bromofluorobenzene	11.079	95	173005	51.244	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.480%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.807	64	655	0.306	ug/l	91
10) Methyl Iodide	2.477	142	2229	0.747	ug/l #	79
11) Tert butyl alcohol	2.959	59	705	Below Cal	#	90
16) Acetone	2.398	43	7613	6.609	ug/l	92
17) Carbon Disulfide	2.532	76	2409	0.287	ug/l #	76
31) Cyclohexane	5.562	56	4837	0.900	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	19454	4.718	ug/l #	50
38) Carbon Tetrachloride	5.574	117	24499	5.566	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	88933	26.418	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	88933	68.062	ug/l #	8

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

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Quant Title : SW846 8260
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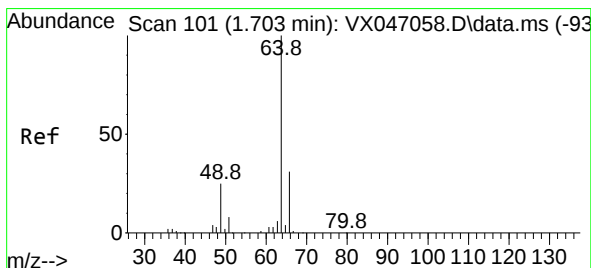
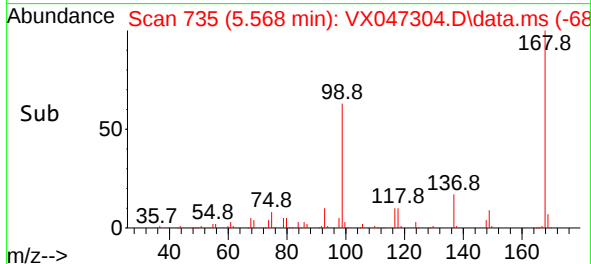
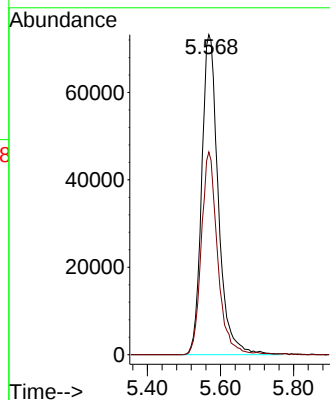
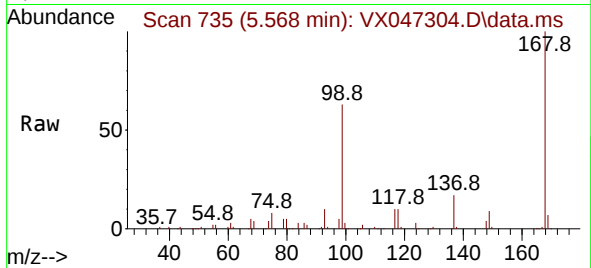




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

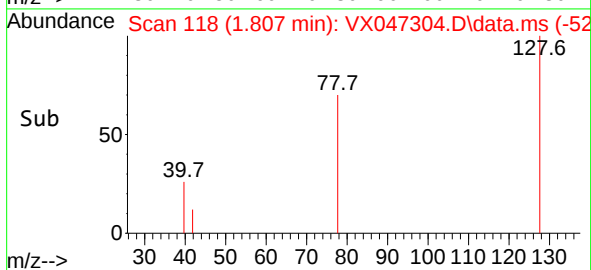
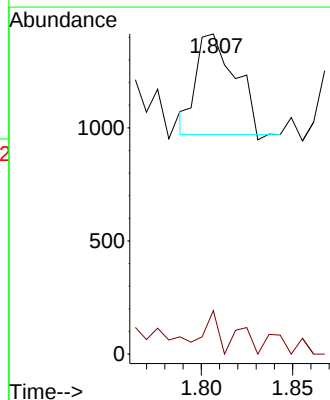
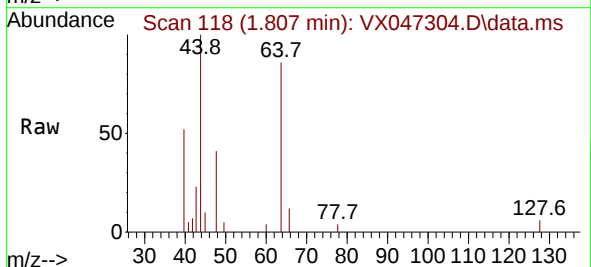
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-E

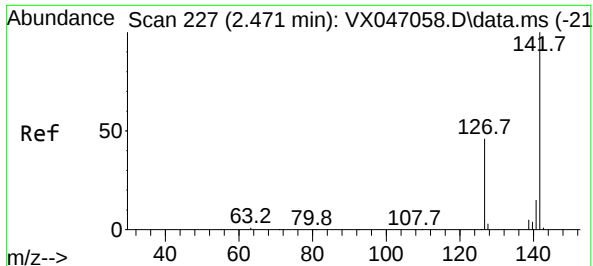
Tgt Ion:168 Resp: 230820
Ion Ratio Lower Upper
168 100
99 63.3 48.0 72.0



#6
Chloroethane
Concen: 0.306 ug/l
RT: 1.807 min Scan# 118
Delta R.T. 0.104 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

Tgt Ion: 64 Resp: 655
Ion Ratio Lower Upper
64 100
66 26.1 25.0 37.6

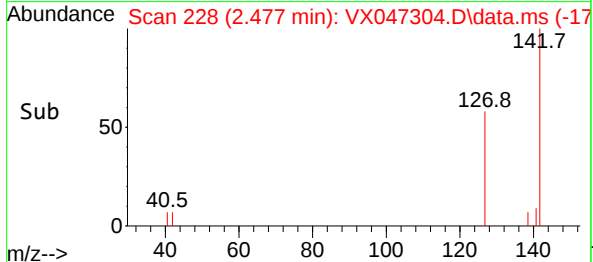
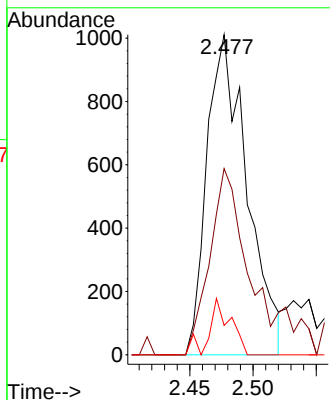
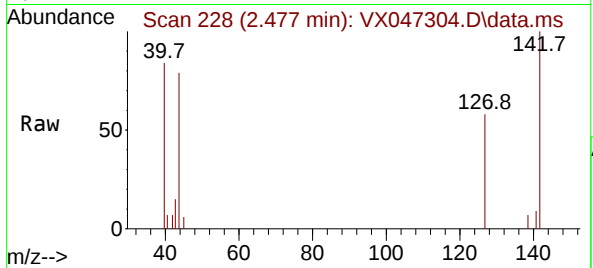




#10
Methyl Iodide
Concen: 0.747 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

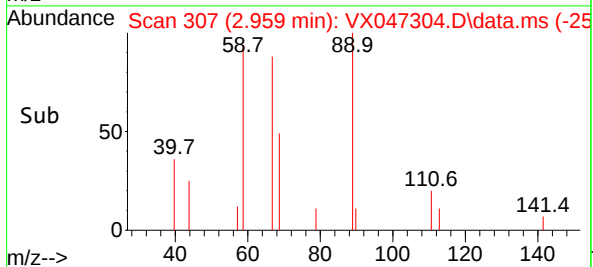
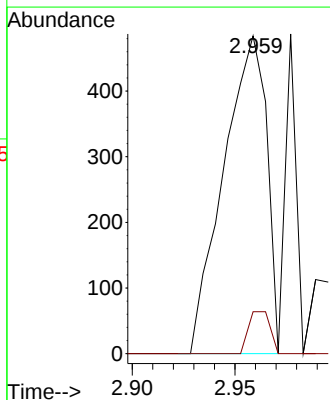
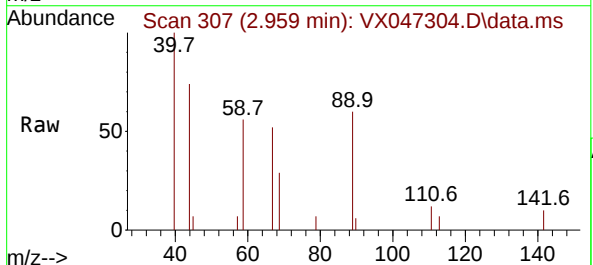
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-E

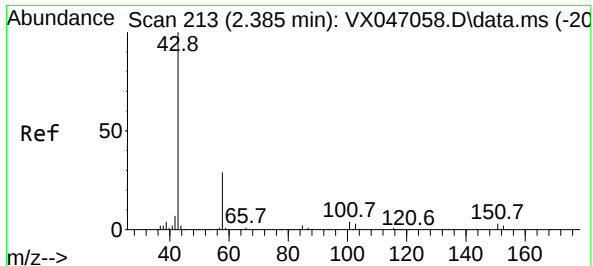
Tgt Ion:142 Resp: 2229
Ion Ratio Lower Upper
142 100
127 61.7 36.6 54.8#
141 9.3 10.9 16.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

Tgt Ion: 59 Resp: 705
Ion Ratio Lower Upper
59 100
57 6.7 8.5 12.7#

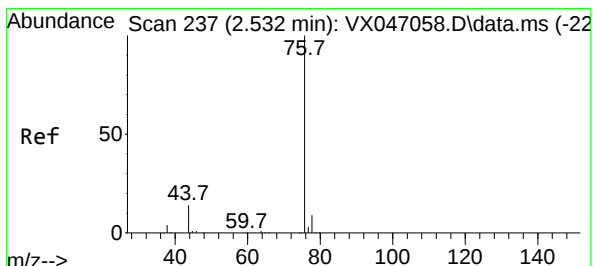
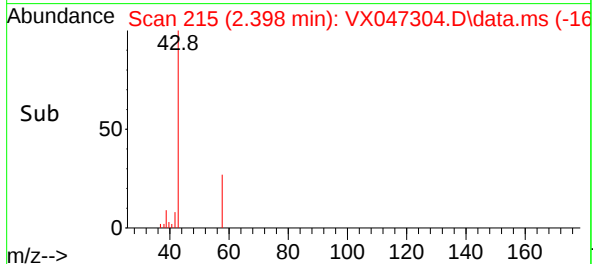
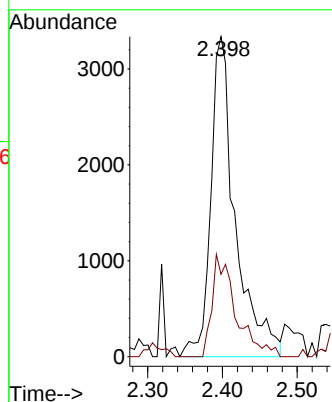
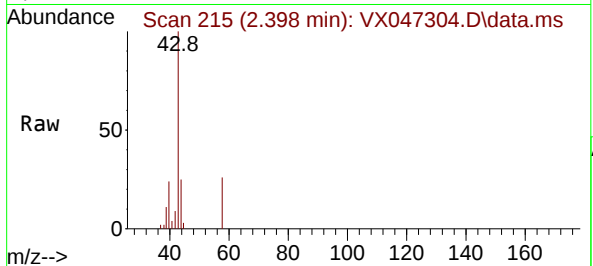




#16
Acetone
Concen: 6.609 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

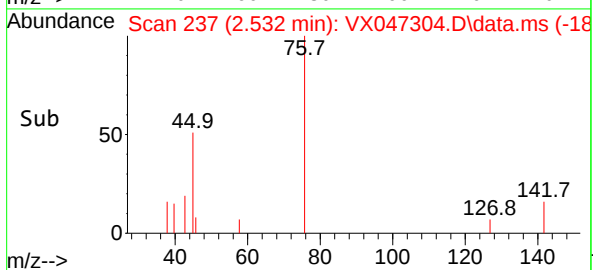
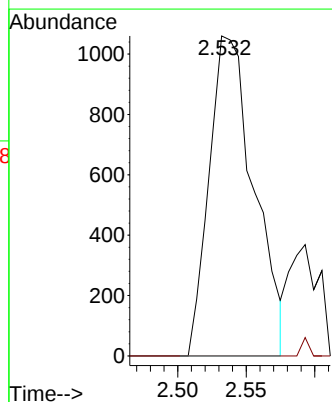
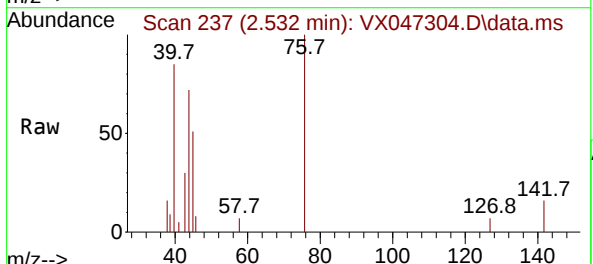
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-E

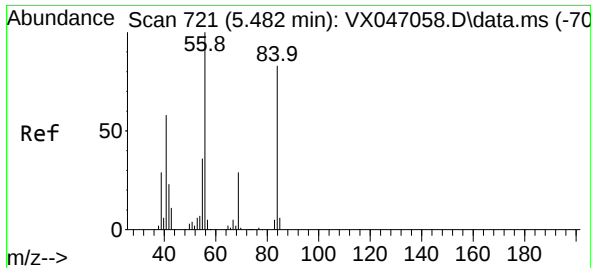
Tgt Ion: 43 Resp: 7613
Ion Ratio Lower Upper
43 100
58 25.8 24.0 36.0



#17
Carbon Disulfide
Concen: 0.287 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

Tgt Ion: 76 Resp: 2409
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

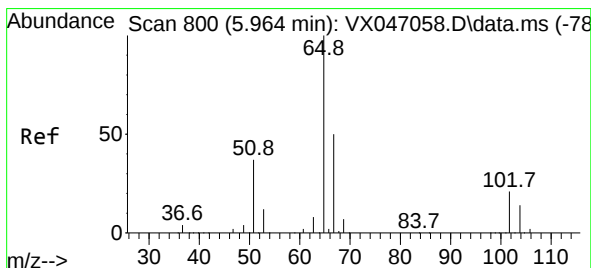
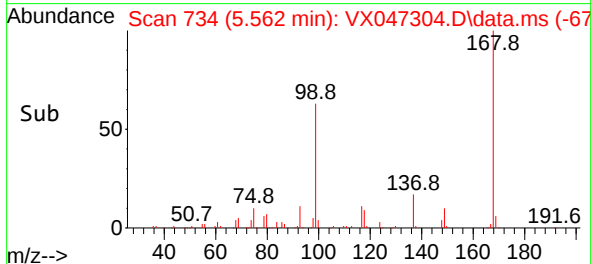
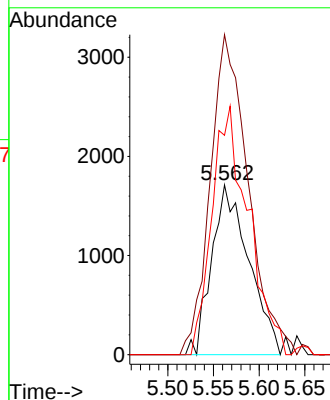
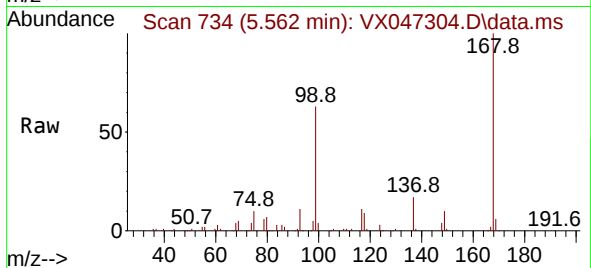




#31
Cyclohexane
Concen: 0.900 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

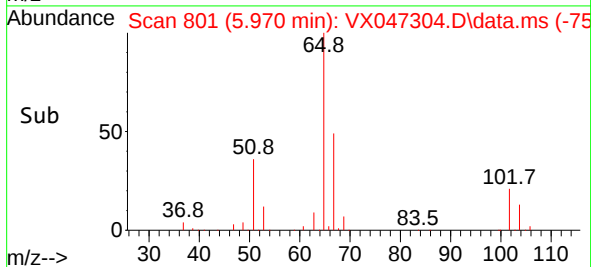
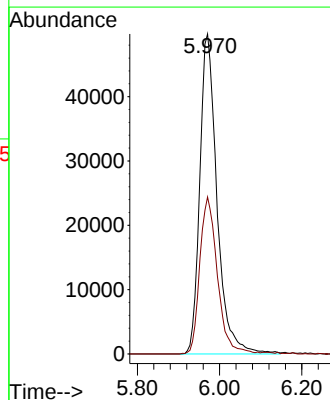
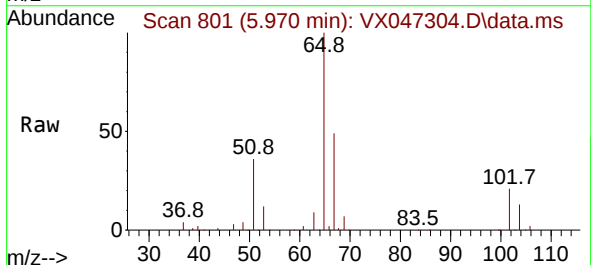
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-E

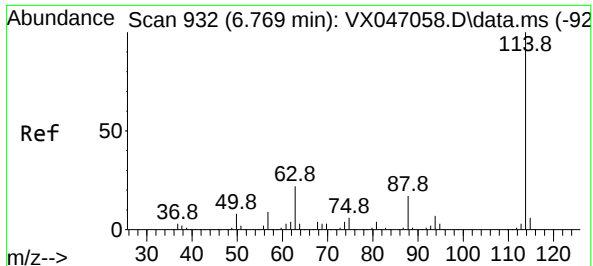
Tgt Ion: 56 Resp: 4837
Ion Ratio Lower Upper
56 100
69 188.6 23.3 34.9#
84 129.2 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 50.290 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

Tgt Ion: 65 Resp: 144599
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.8

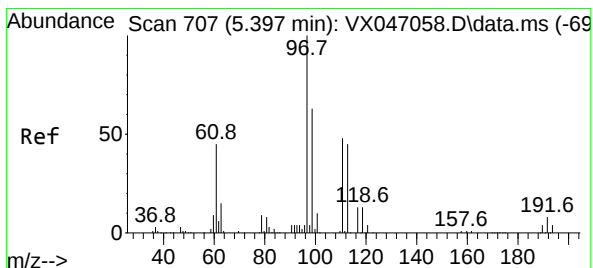
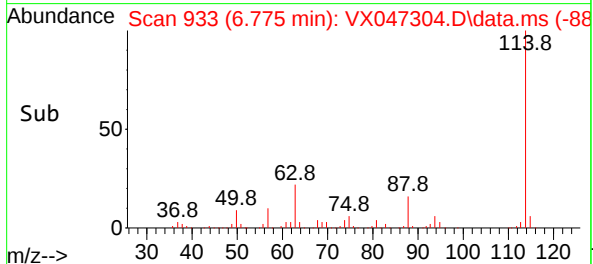
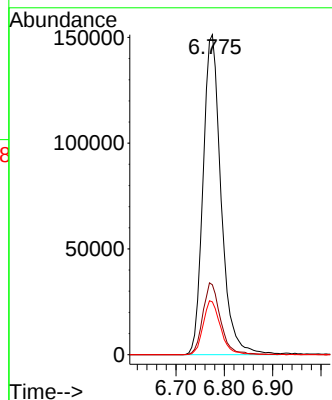
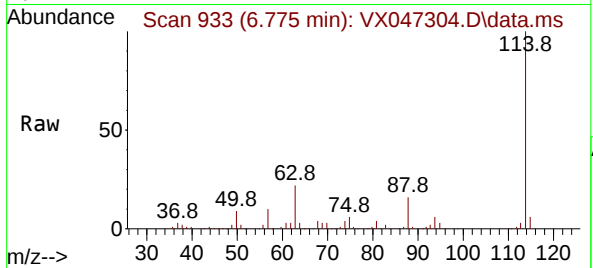




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

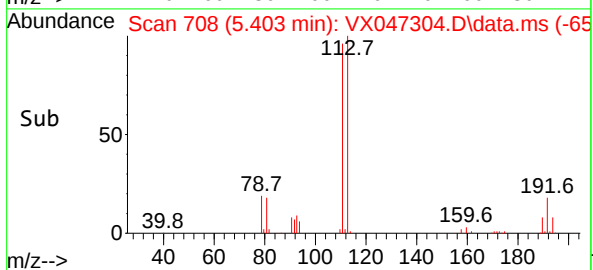
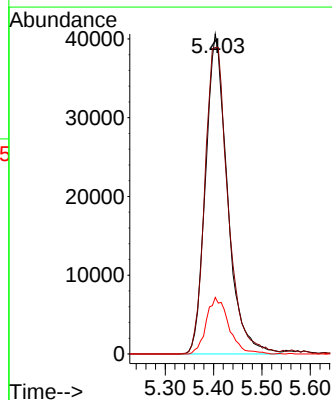
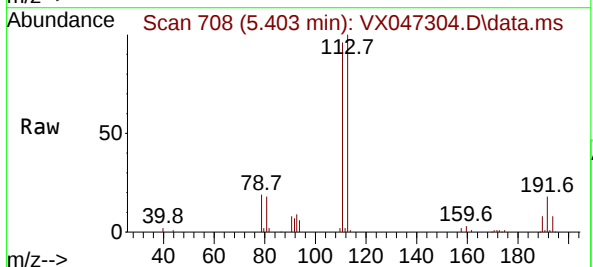
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-E

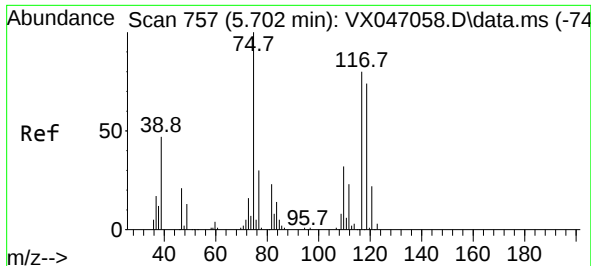
Tgt Ion:114 Resp: 391799
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.2
88 16.5 0.0 33.8



#35
Dibromofluoromethane
Concen: 52.870 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

Tgt Ion:113 Resp: 127898
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 18.1 14.9 22.3

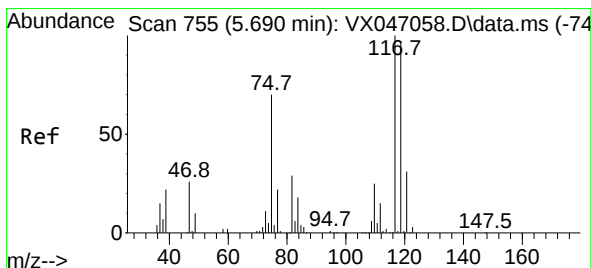
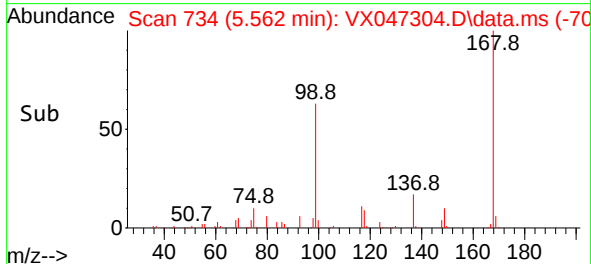
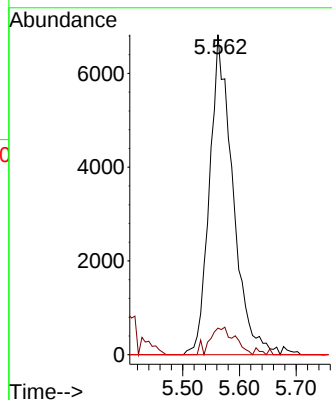
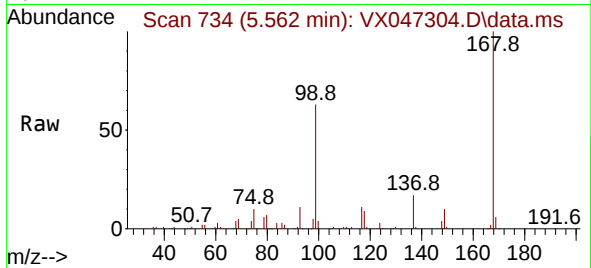




#36
1,1-Dichloropropene
Concen: 4.718 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

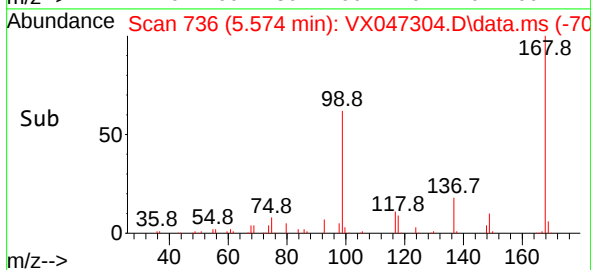
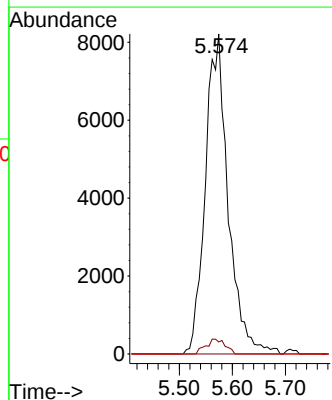
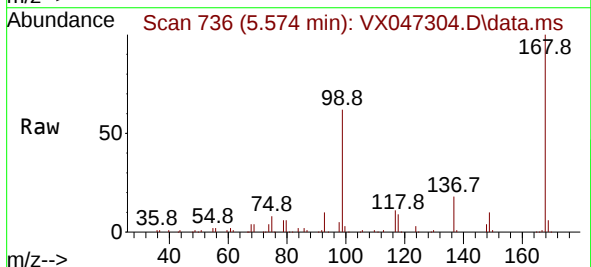
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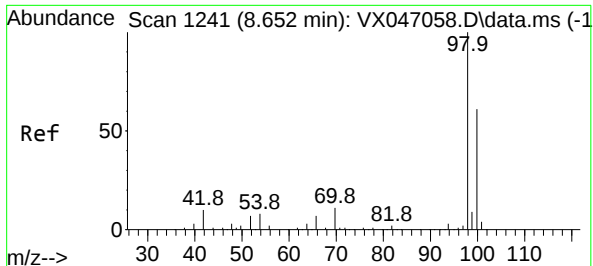
Tgt Ion: 75 Resp: 19454
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.566 ug/l
RT: 5.574 min Scan# 736
Delta R.T. -0.115 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

Tgt Ion: 117 Resp: 24499
Ion Ratio Lower Upper
117 100
119 3.7 76.6 115.0#
121 0.0 24.4 36.6#

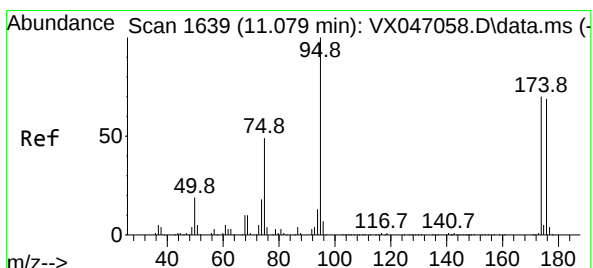
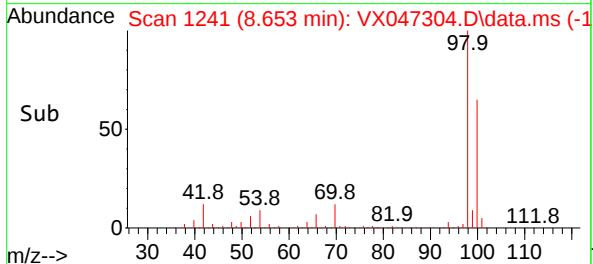
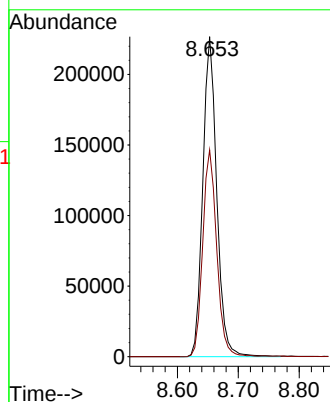
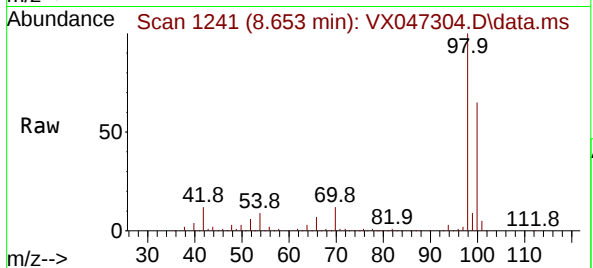




#50
Toluene-d8
Concen: 46.004 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

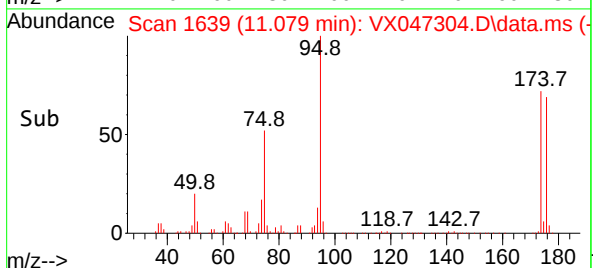
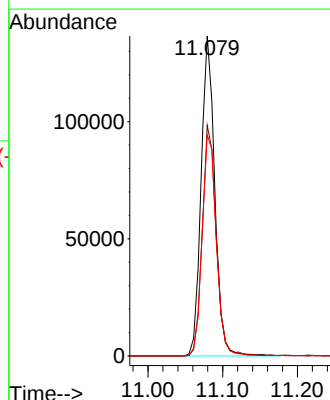
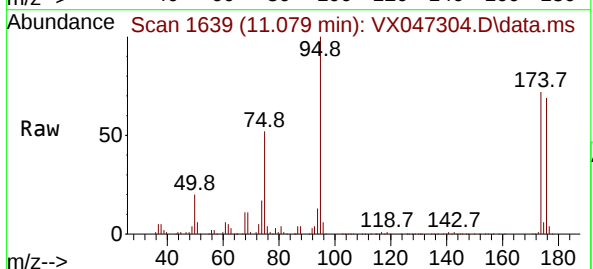
Instrument :
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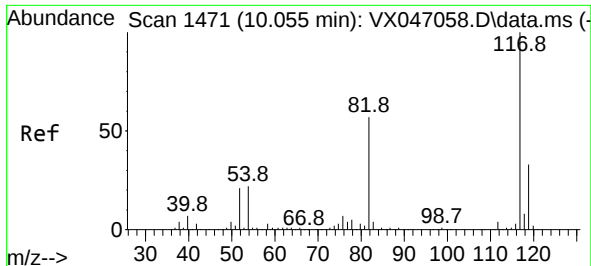
Tgt Ion: 98 Resp: 360407
Ion Ratio Lower Upper
98 100
100 64.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

Tgt Ion: 95 Resp: 173005
Ion Ratio Lower Upper
95 100
174 73.7 0.0 144.6
176 71.9 0.0 139.6

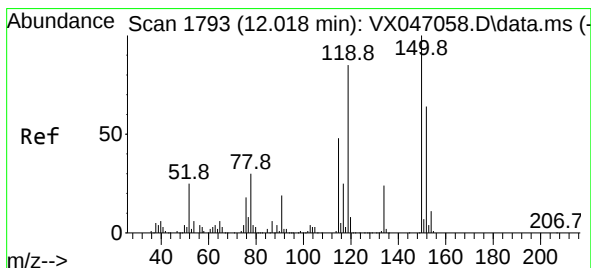
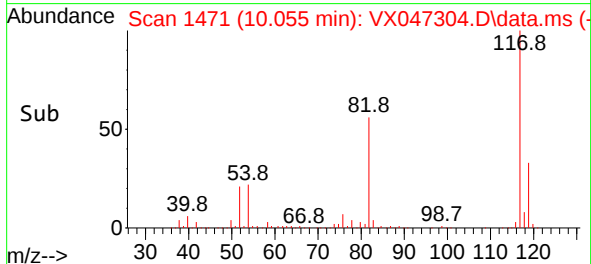
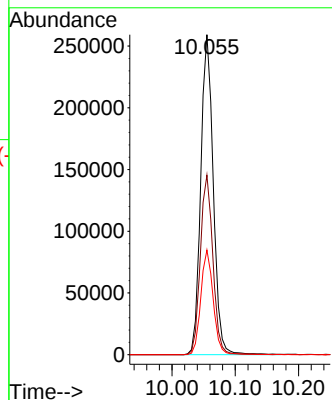
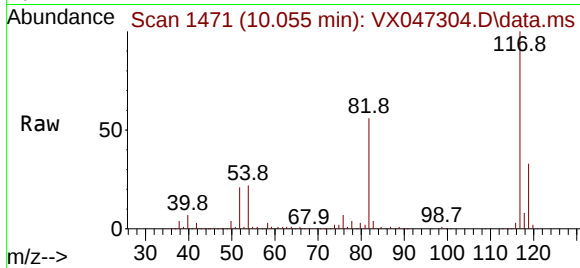




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

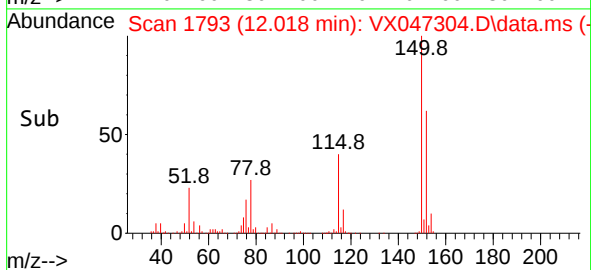
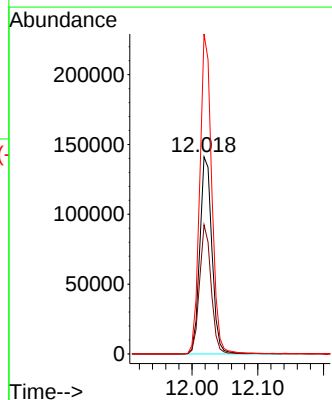
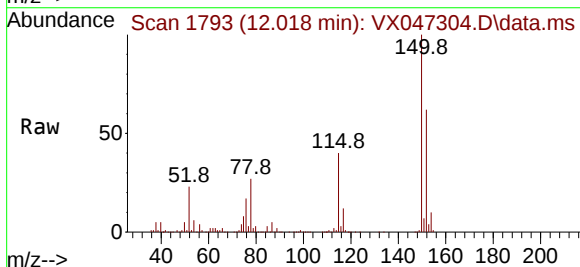
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-E

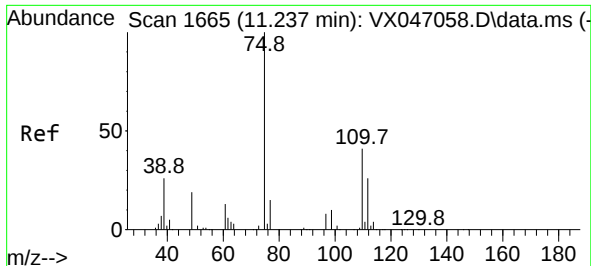
Tgt Ion:117 Resp: 358156
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

Tgt Ion:152 Resp: 181876
Ion Ratio Lower Upper
152 100
115 62.4 45.6 136.7
150 159.7 0.0 354.6

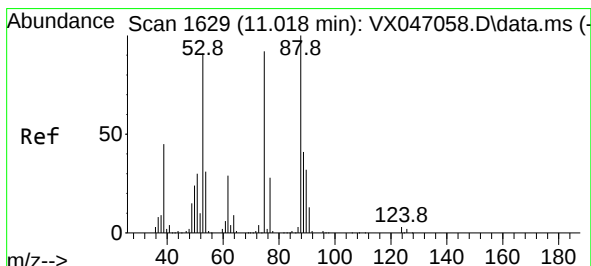
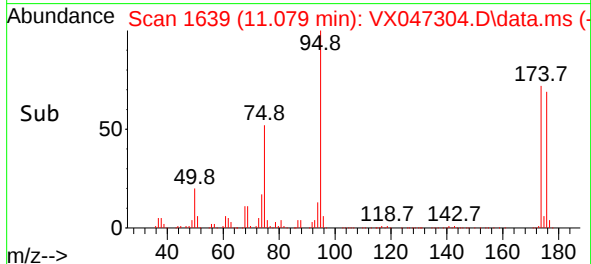
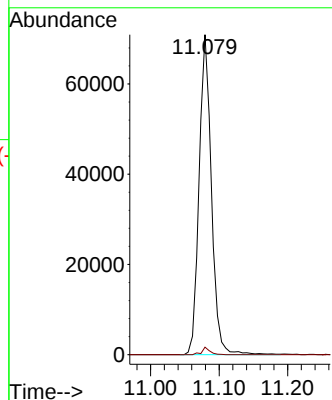
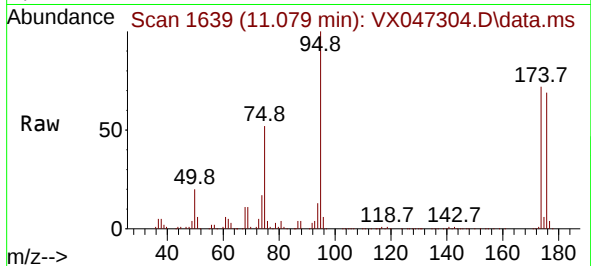




#76
1,2,3-Trichloropropane
Concen: 26.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
TW-BP-E

Tgt Ion: 75 Resp: 88933
Ion Ratio Lower Upper
75 100
77 1.5 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.062 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047304.D
Acq: 12 Aug 2025 17:49

Tgt Ion: 75 Resp: 88933
Ion Ratio Lower Upper
75 100
53 0.1 84.2 126.4#
89 0.0 36.0 54.0#

