

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047547.D
 Acq On : 28 Aug 2025 13:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 29 02:37:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

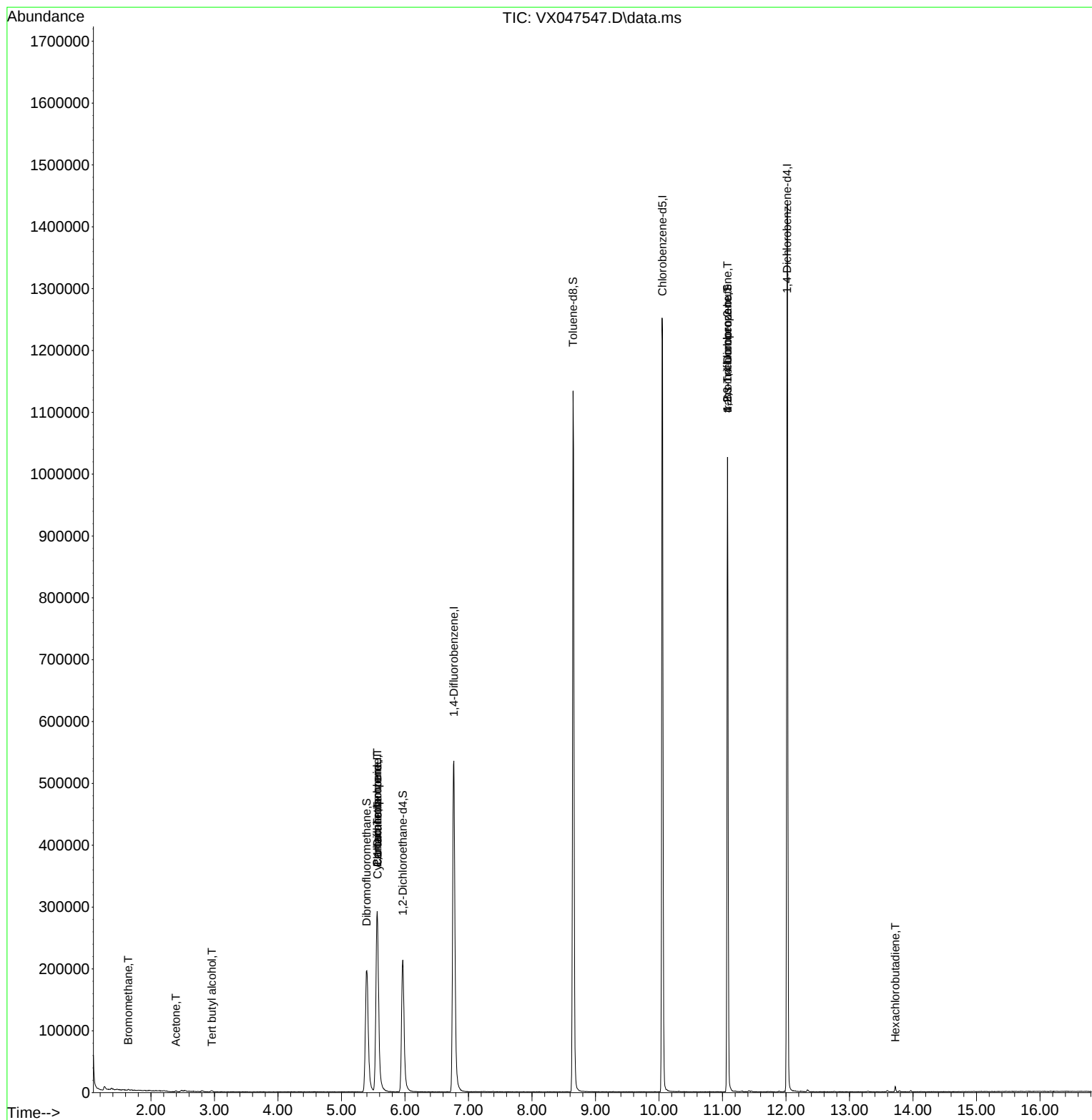
Internal Standards						
1) Pentafluorobenzene	5.562	168	292249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	584810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	283812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	225350	50.213	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.420%			
35) Dibromofluoromethane	5.397	113	192496	47.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.920%			
50) Toluene-d8	8.647	98	674753	47.960	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.920%			
62) 4-Bromofluorobenzene	11.079	95	276088	52.236	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.480%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	534	0.300	ug/l	97
11) Tert butyl alcohol	2.959	59	206	0.499	ug/l #	73
16) Acetone	2.392	43	1712	0.963	ug/l	95
31) Cyclohexane	5.568	56	6568	1.041	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	23723	4.153	ug/l #	50
38) Carbon Tetrachloride	5.562	117	30609	4.829	ug/l #	17
58) 2-Chloroethyl Vinyl ether	8.208	63	23	Below Cal	#	47
76) 1,2,3-Trichloropropane	11.079	75	143261	28.283	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	143261	100.243	ug/l #	7
94) Hexachlorobutadiene	13.719	225	999	0.483	ug/l	91

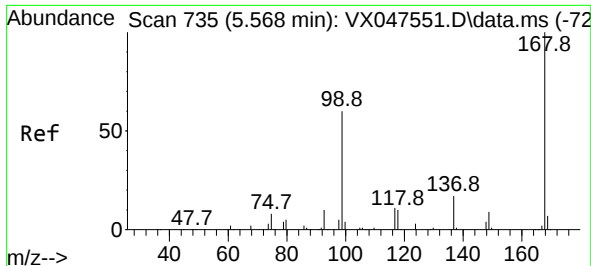
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
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Quant Time: Aug 29 02:37:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

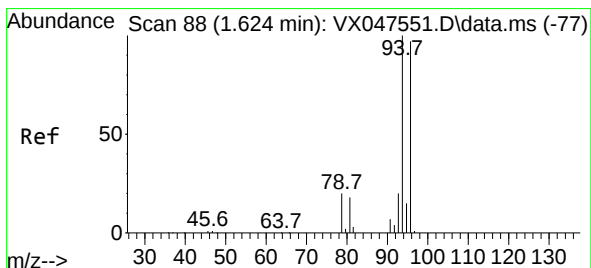
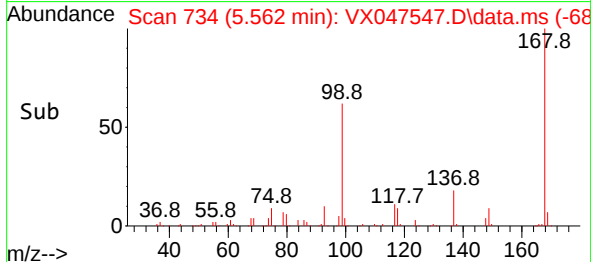
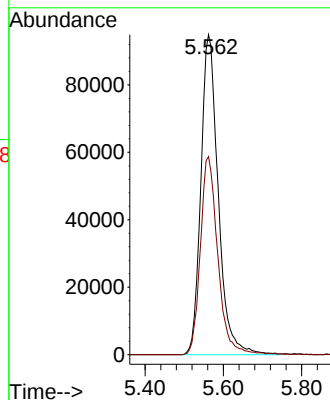
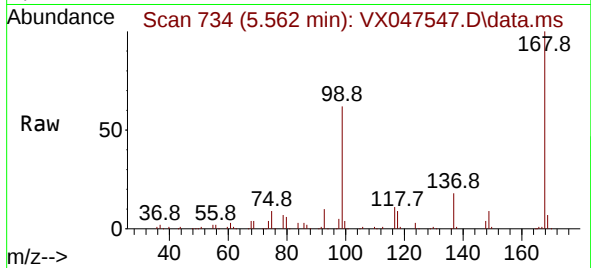




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

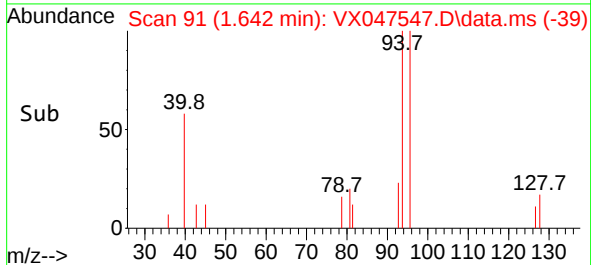
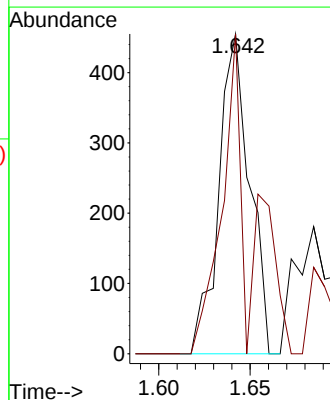
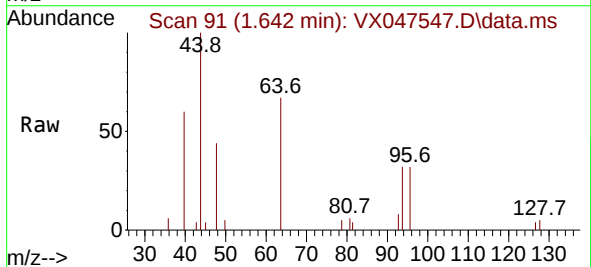
Instrument :
MSVOA_X
ClientSampleId :
IBLK

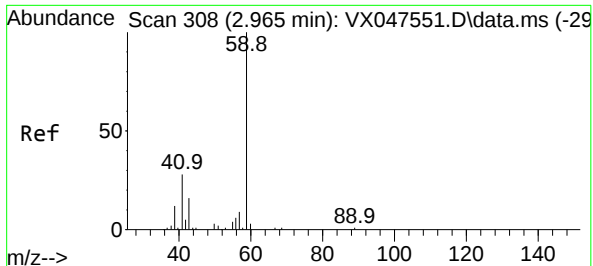
Tgt Ion:168 Resp: 292249
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#5
Bromomethane
Concen: 0.300 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

Tgt Ion: 94 Resp: 534
Ion Ratio Lower Upper
94 100
96 100.0 77.7 116.5

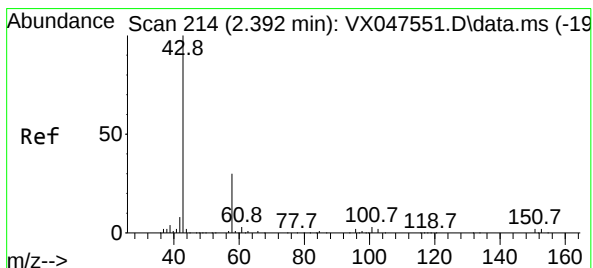
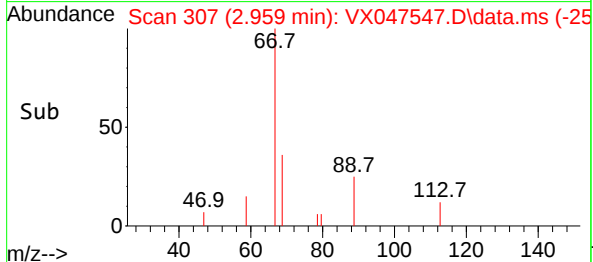
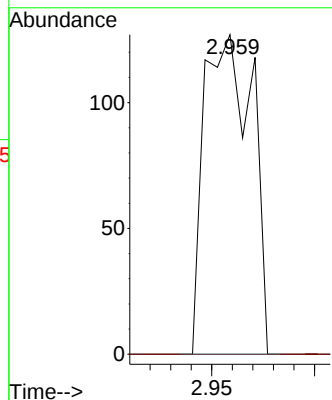
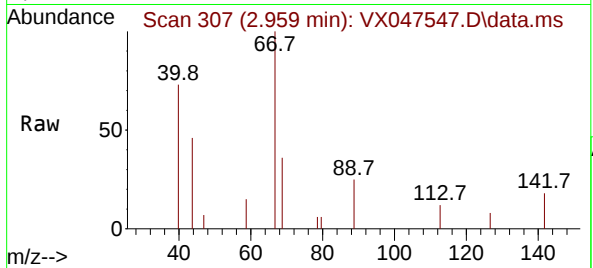




#11
Tert butyl alcohol
Concen: 0.499 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

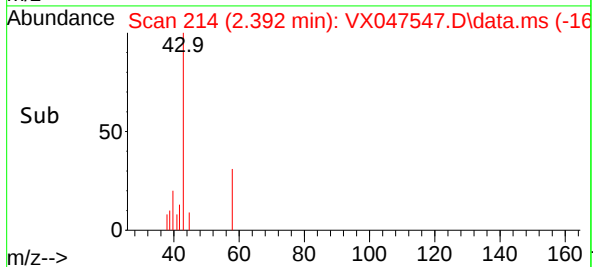
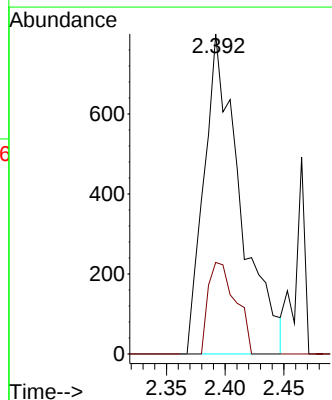
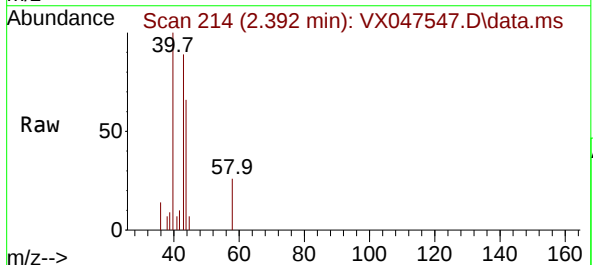
Instrument :
MSVOA_X
ClientSampleId :
IBLK

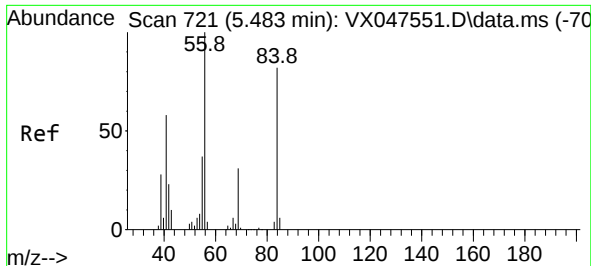
Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 0.963 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
58 27.5 24.2 36.2

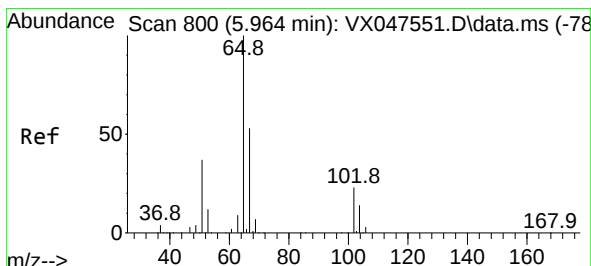
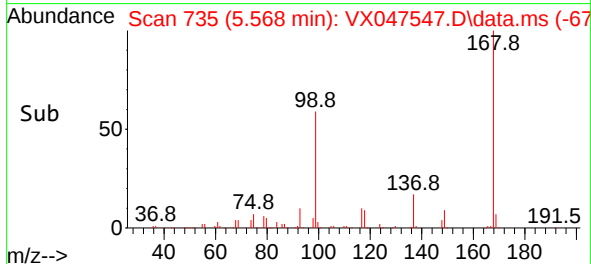
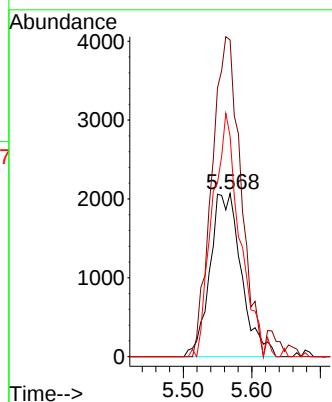
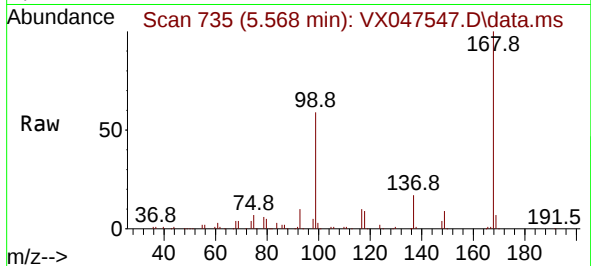




#31
Cyclohexane
Concen: 1.041 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

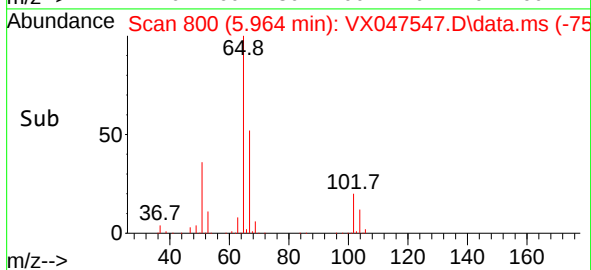
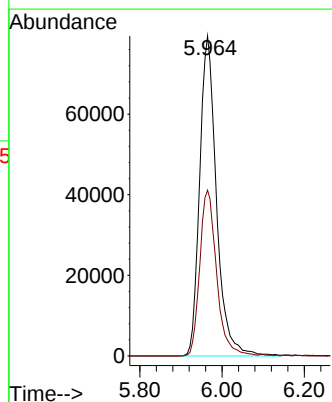
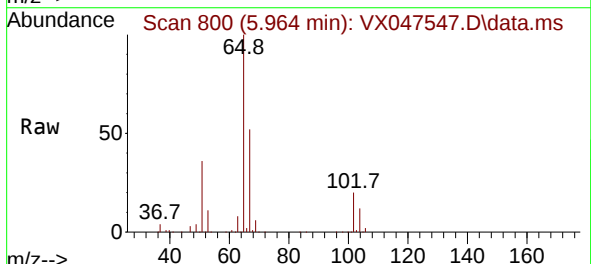
Instrument :
MSVOA_X
ClientSampleId :
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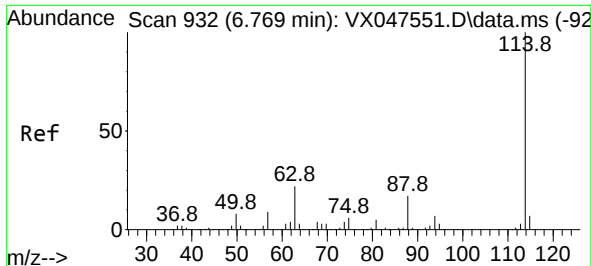
Tgt Ion: 56 Resp: 6568
Ion Ratio Lower Upper
56 100
69 194.1 24.2 36.2#
84 135.0 65.5 98.3#



#33
1,2-Dichloroethane-d4
Concen: 50.213 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

Tgt Ion: 65 Resp: 225350
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

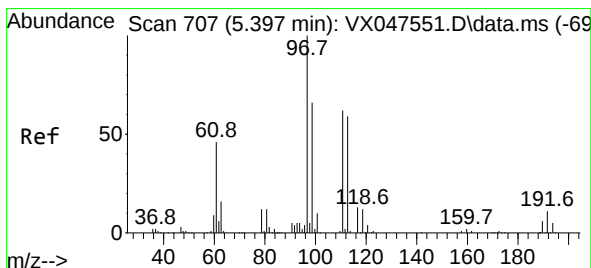
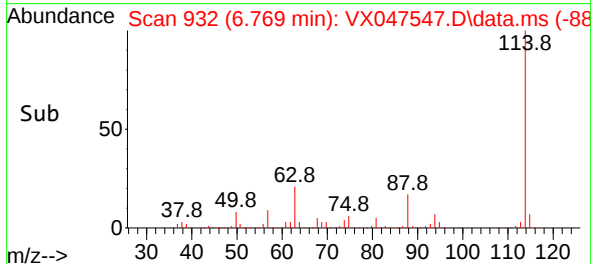
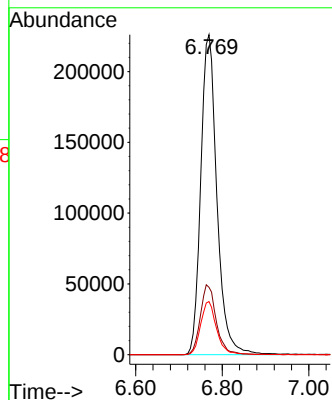
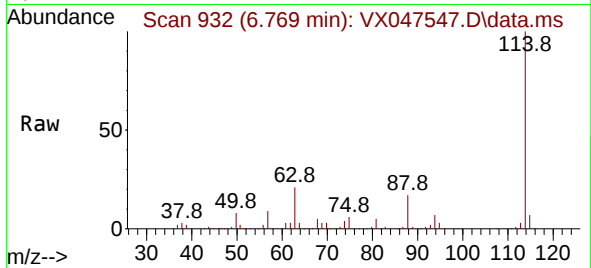




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

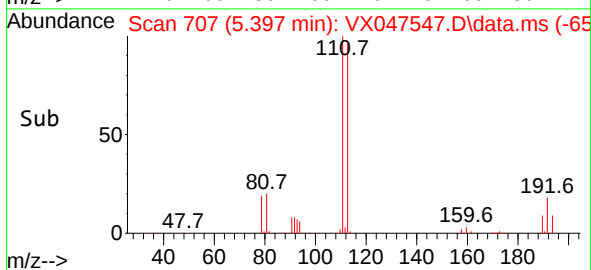
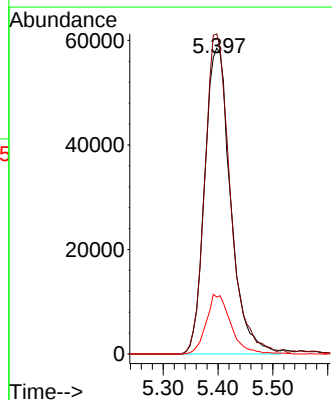
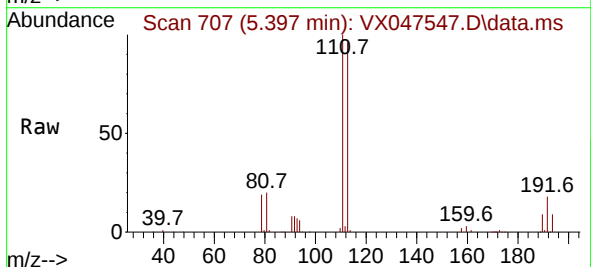
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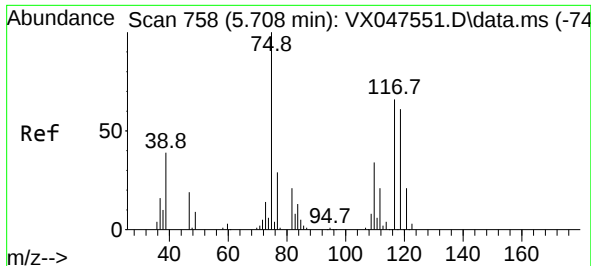
Tgt Ion:114 Resp: 584810
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.959 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

Tgt Ion:113 Resp: 192496
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 18.4 14.2 21.4

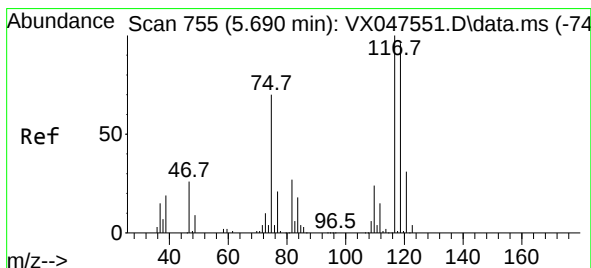
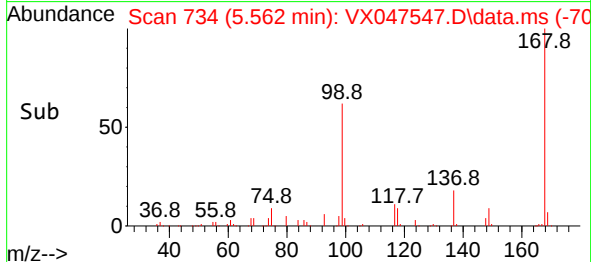
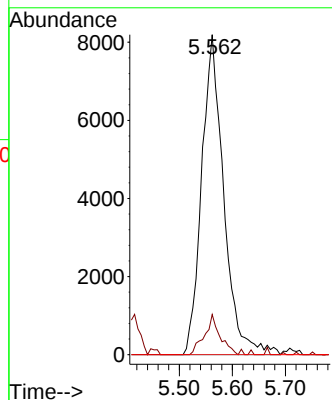
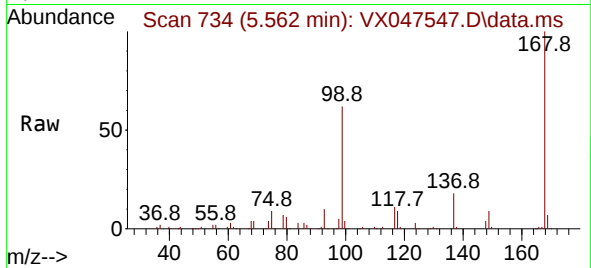




#36
1,1-Dichloropropene
Concen: 4.153 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.146 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

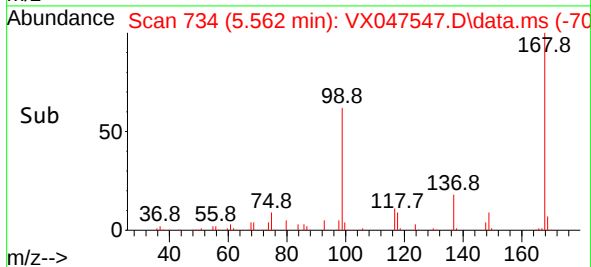
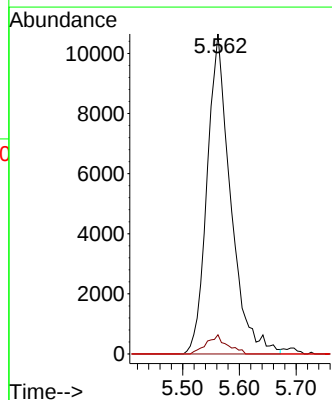
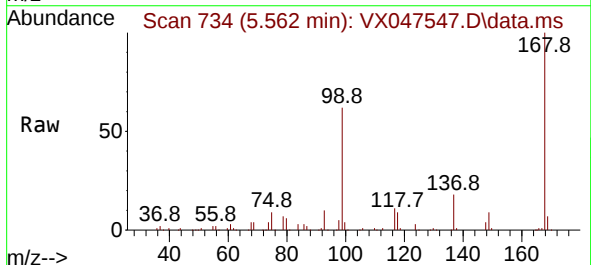
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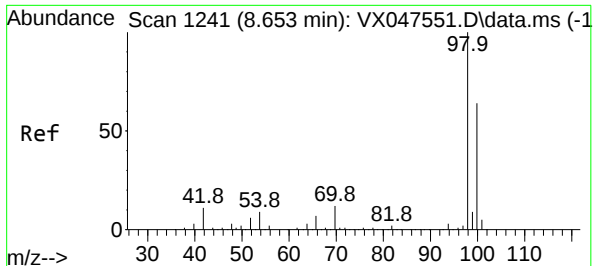
Tgt Ion: 75 Resp: 23723
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.3#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 4.829 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

Tgt Ion: 117 Resp: 30609
Ion Ratio Lower Upper
117 100
119 6.0 76.4 114.6#
121 0.0 24.9 37.3#

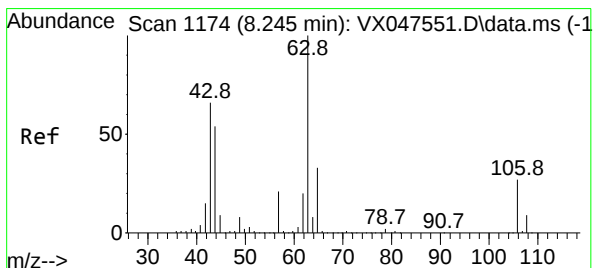
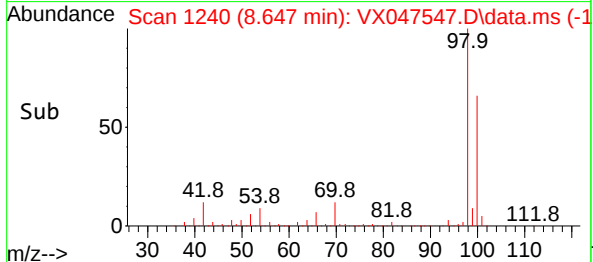
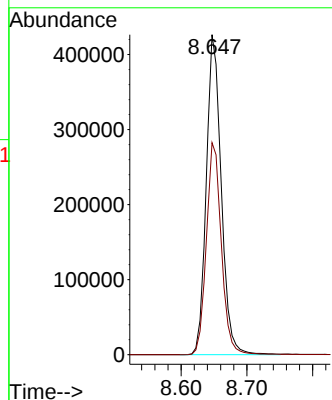
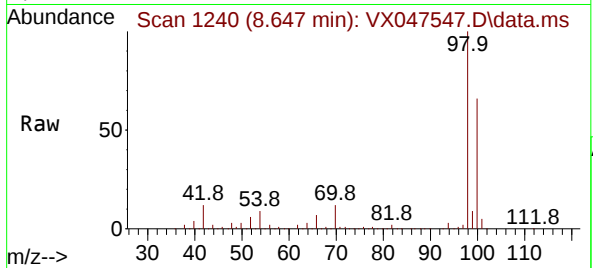




#50
Toluene-d8
Concen: 47.960 ug/l
RT: 8.647 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

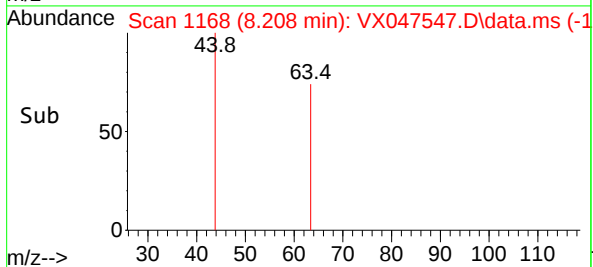
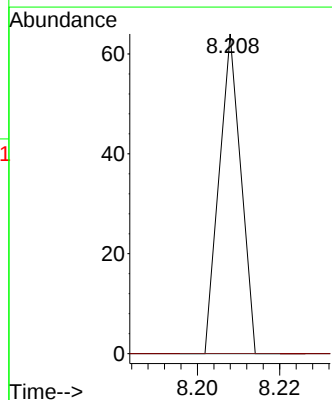
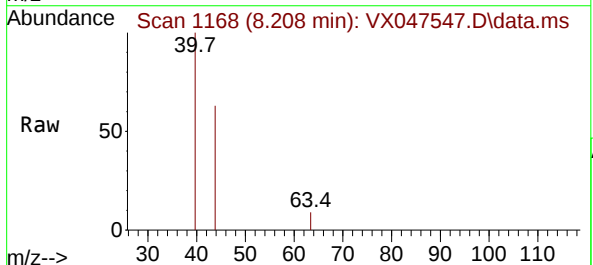
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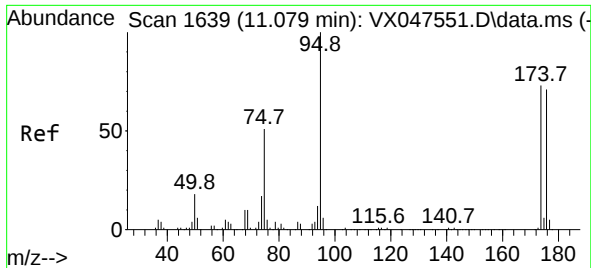
Tgt Ion: 98 Resp: 674753
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.208 min Scan# 1168
Delta R.T. -0.037 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

Tgt Ion: 63 Resp: 23
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.4#

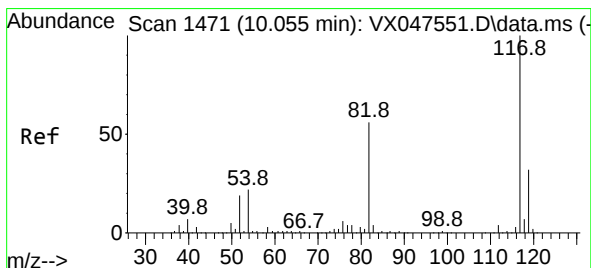
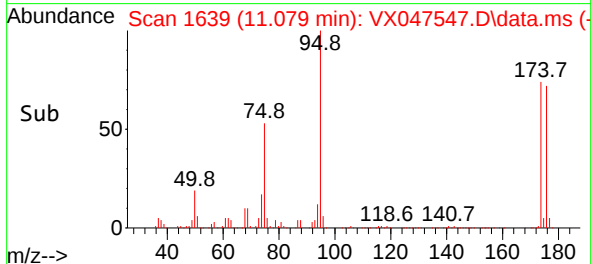
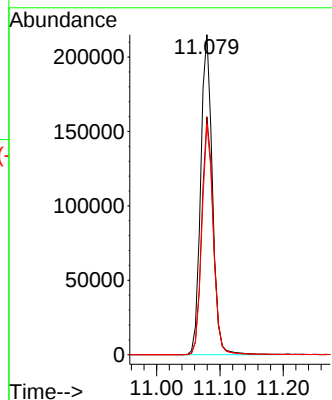
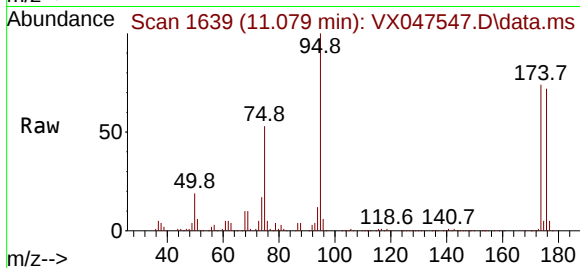




#62
4-Bromofluorobenzene
Concen: 52.236 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

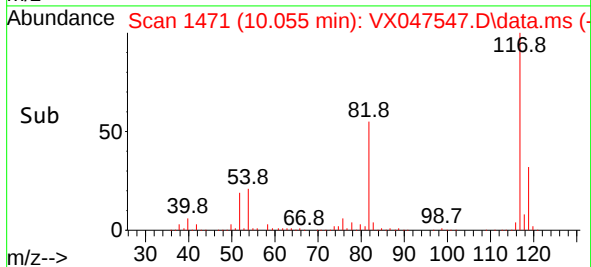
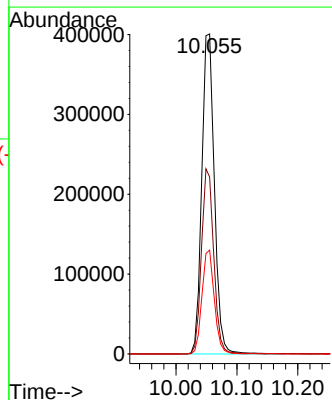
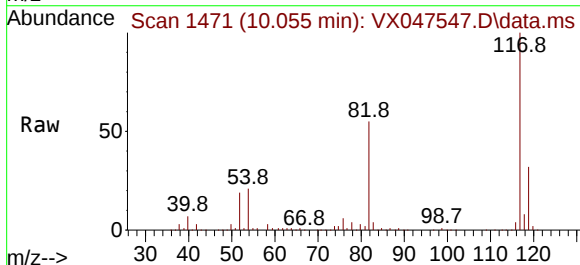
Instrument :
MSVOA_X
ClientSampleId :
IBLK

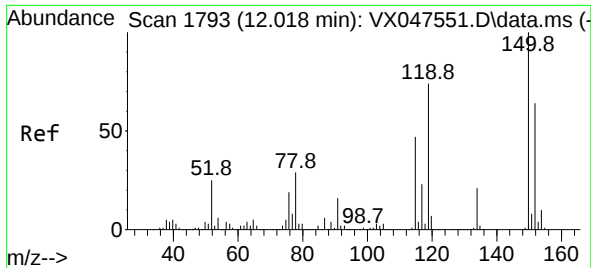
Tgt Ion: 95 Resp: 276088
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.2
176 70.7 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

Tgt Ion: 117 Resp: 575786
Ion Ratio Lower Upper
117 100
82 55.3 44.6 66.8
119 32.4 25.7 38.5

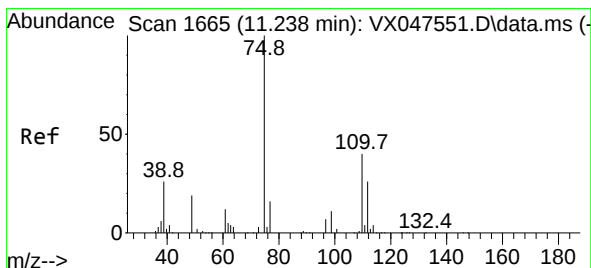
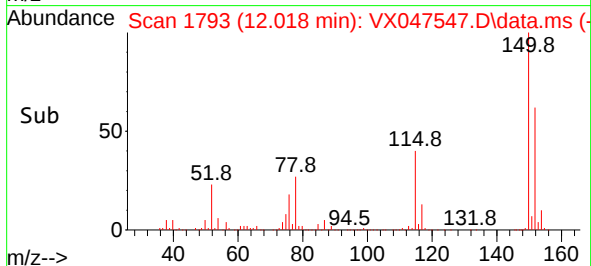
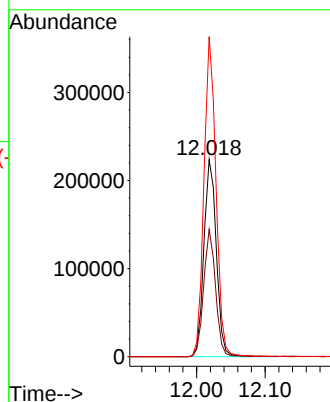
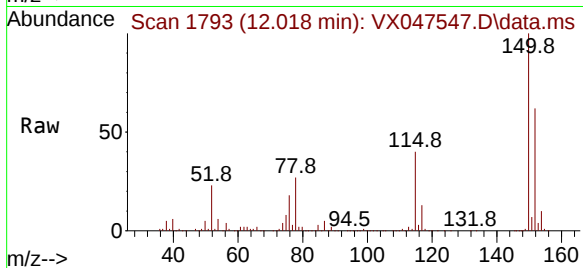




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047547.D
 Acq: 28 Aug 2025 13:46

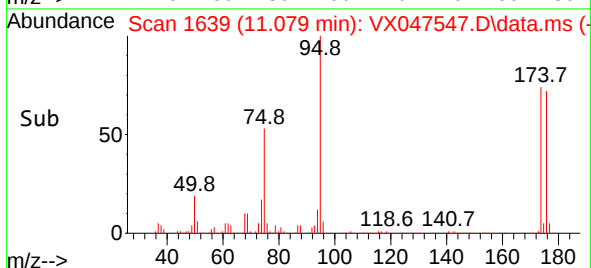
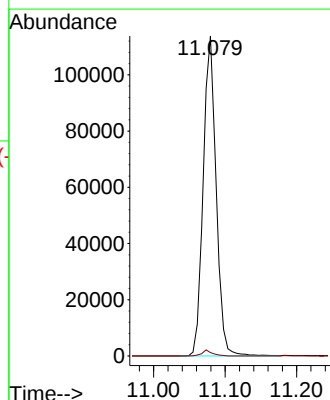
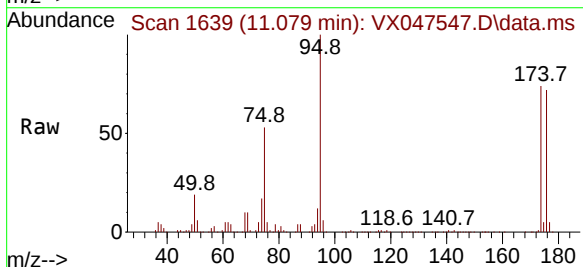
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

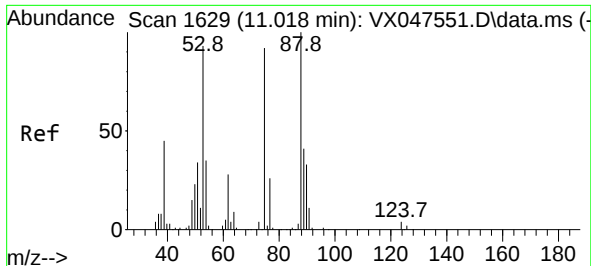
Tgt Ion:152 Resp: 283812
 Ion Ratio Lower Upper
 152 100
 115 62.0 42.9 128.5
 150 156.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.283 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX047547.D
 Acq: 28 Aug 2025 13:46

Tgt Ion: 75 Resp: 143261
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.7 59.1#

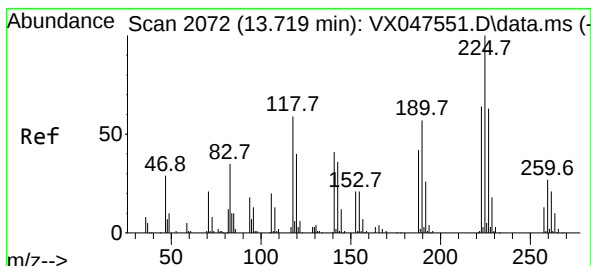
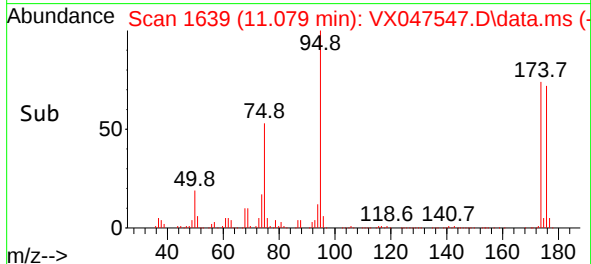
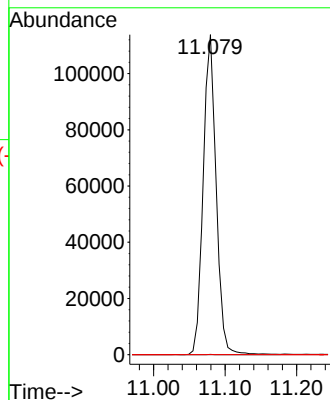
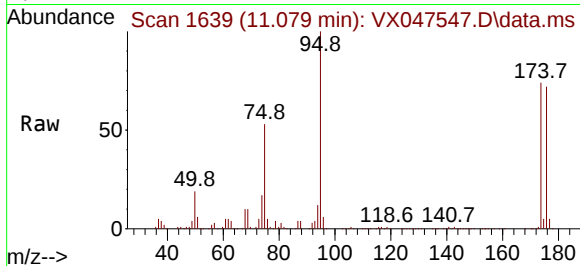




#81
trans-1,4-Dichloro-2-butene
Concen: 100.243 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 143261
Ion Ratio Lower Upper
75 100
53 0.0 85.7 128.5#
89 0.0 36.4 54.6#



#94
Hexachlorobutadiene
Concen: 0.483 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

Tgt Ion: 225 Resp: 999
Ion Ratio Lower Upper
225 100
223 74.3 31.1 93.5
227 65.6 31.8 95.3

