

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046952.D
 Acq On : 10 Jul 2025 17:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 11 01:35:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

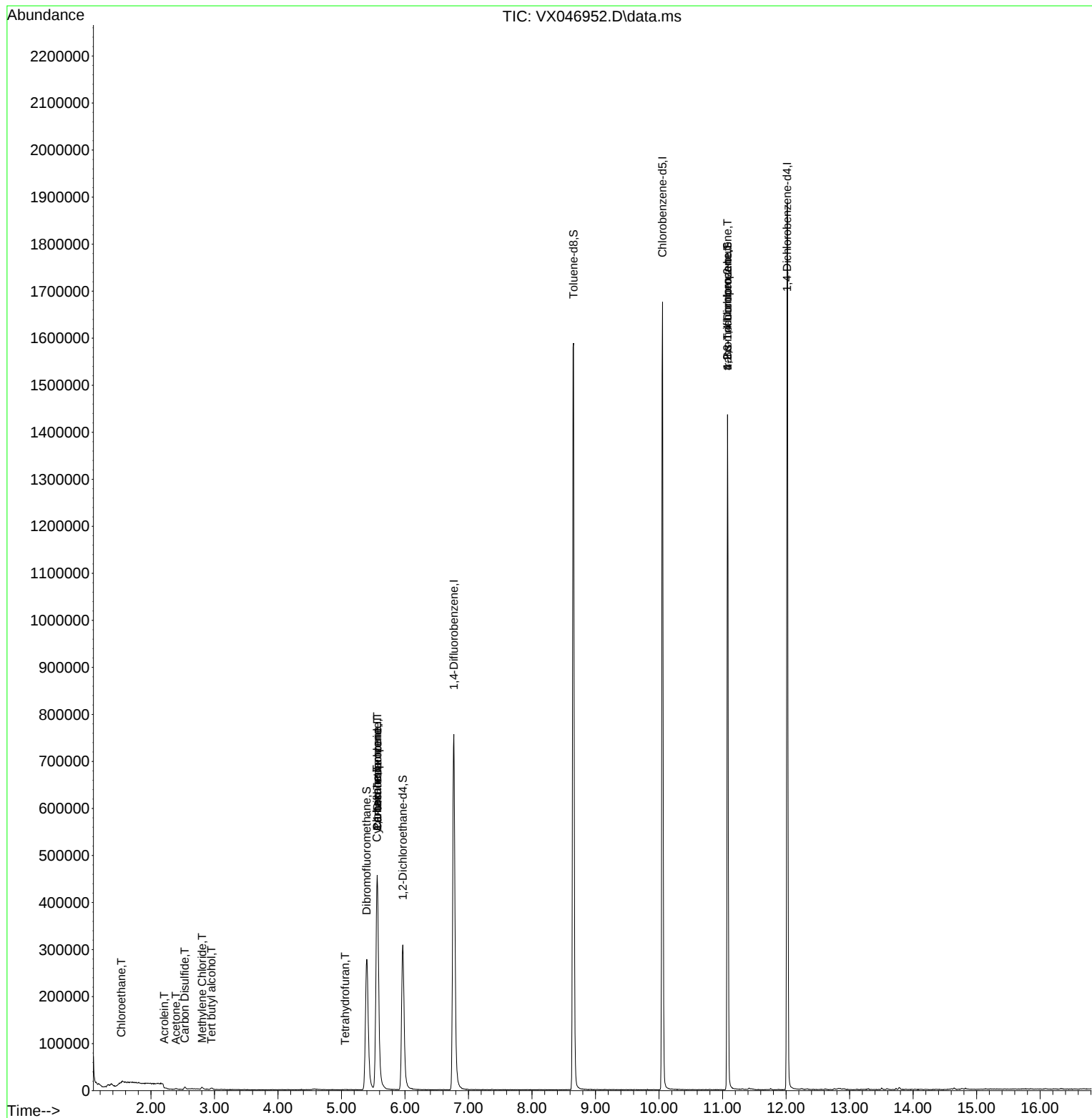
Internal Standards						
1) Pentafluorobenzene	5.562	168	468309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	823051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	760993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	384583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	319102	51.578	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.160%			
35) Dibromofluoromethane	5.397	113	269984	48.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.640%			
50) Toluene-d8	8.653	98	989697	50.208	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.420%			
62) 4-Bromofluorobenzene	11.079	95	380518	50.793	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.580%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.532	64	19730	5.607	ug/l #	53
11) Tert butyl alcohol	2.953	59	262	0.646	ug/l #	76
13) Acrolein	2.209	56	210	3.298	ug/l #	18
16) Acetone	2.392	43	2663	1.386	ug/l	99
17) Carbon Disulfide	2.532	76	8613	0.647	ug/l	96
20) Methylene Chloride	2.806	84	2002	0.352	ug/l	91
29) Tetrahydrofuran	5.056	42	354	0.217	ug/l #	42
31) Cyclohexane	5.556	56	9771	1.105	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	37495	4.974	ug/l #	51
38) Carbon Tetrachloride	5.562	117	47508	5.961	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	194419	32.718	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	194419	87.797	ug/l #	8

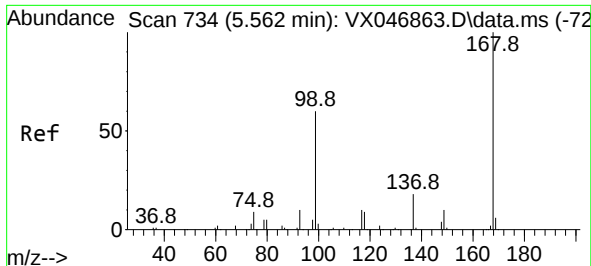
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
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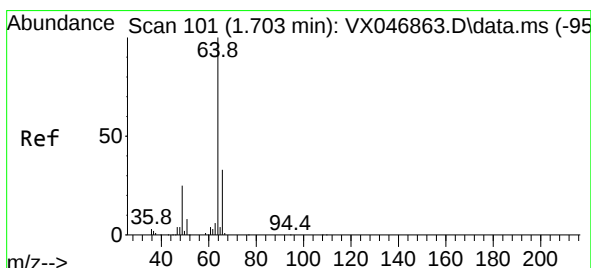
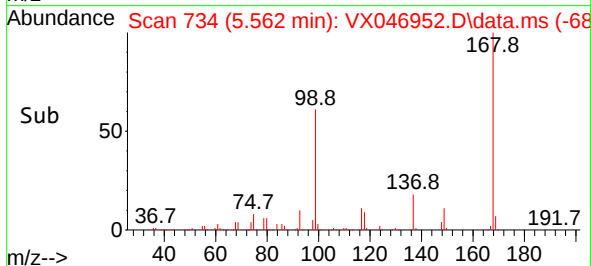
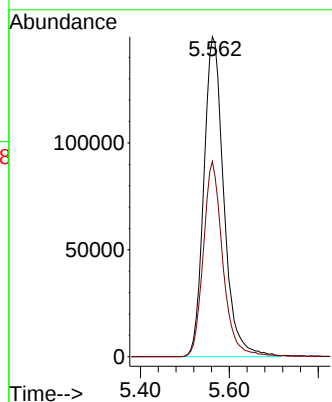
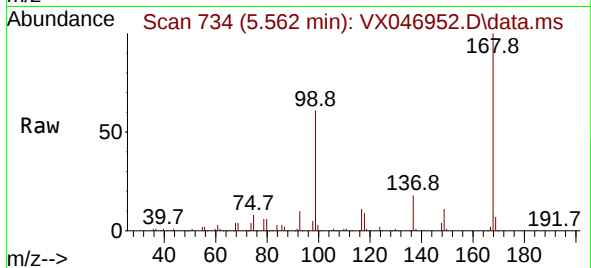




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

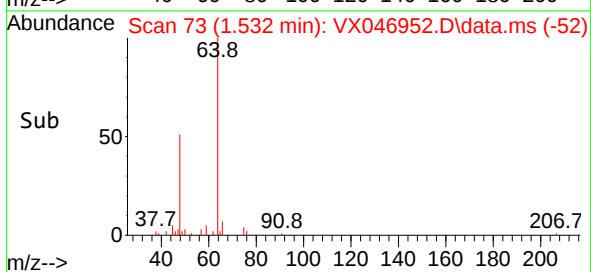
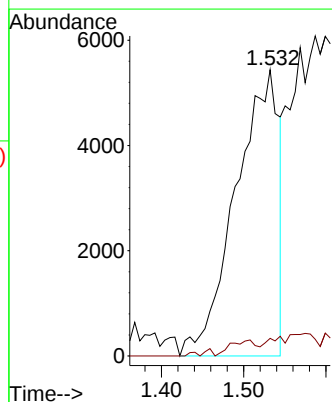
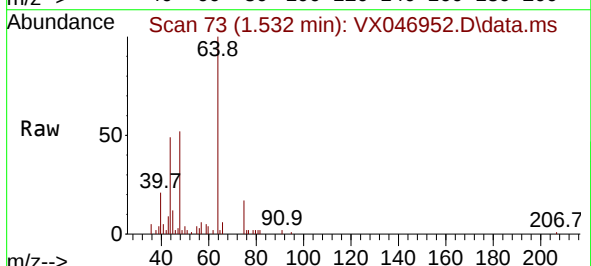
Instrument :
MSVOA_X
ClientSampleId :
IBLK

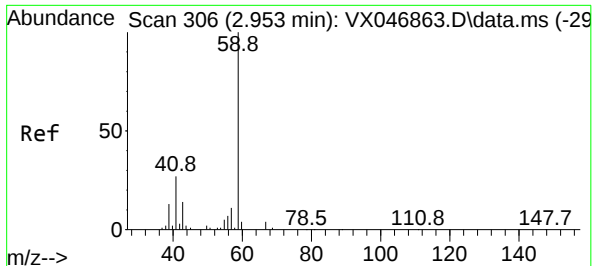
Tgt Ion:168 Resp: 468309
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#6
Chloroethane
Concen: 5.607 ug/l
RT: 1.532 min Scan# 73
Delta R.T. -0.171 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion: 64 Resp: 19730
Ion Ratio Lower Upper
64 100
66 6.2 26.4 39.6

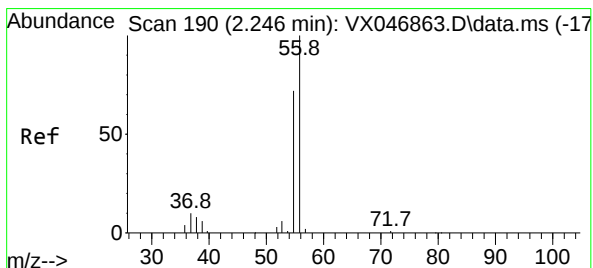
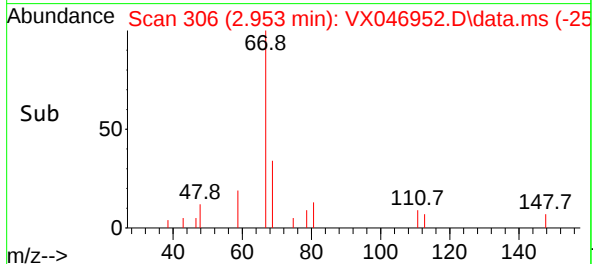
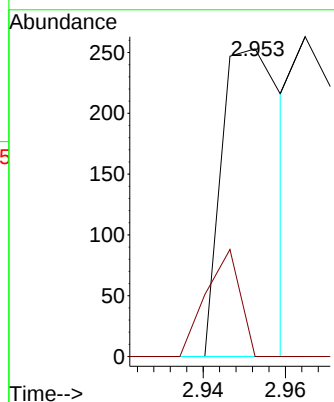
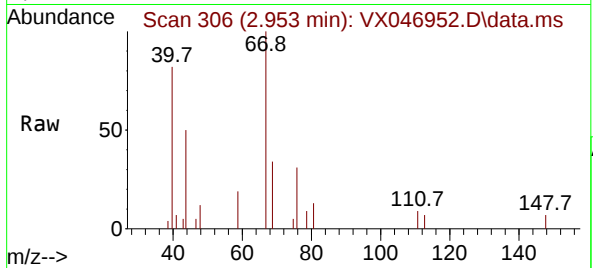




#11
Tert butyl alcohol
Concen: 0.646 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

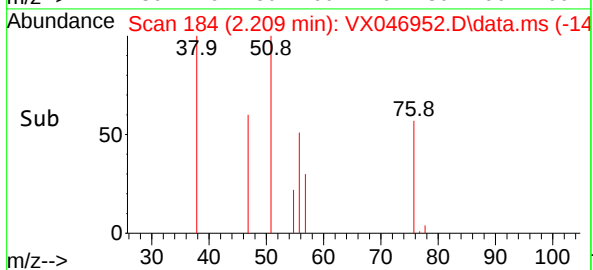
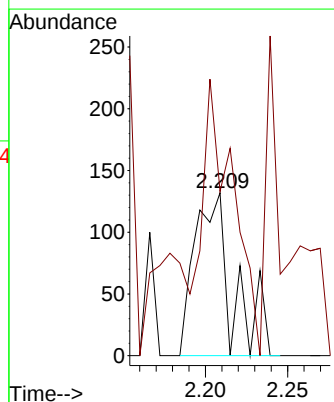
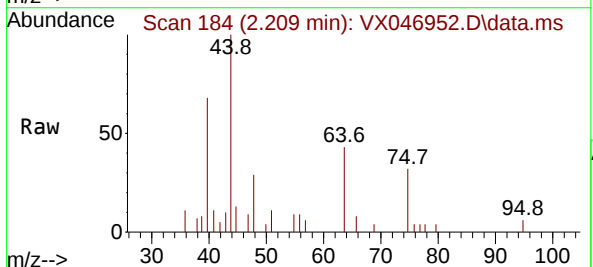
Instrument :
MSVOA_X
ClientSampleId :
IBLK

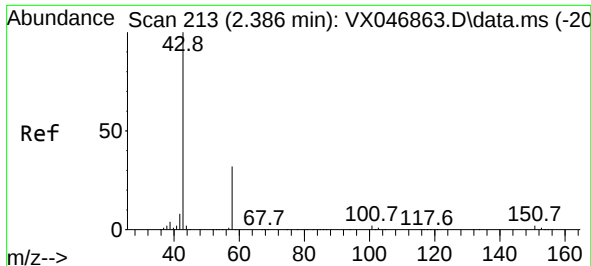
Tgt Ion: 59 Resp: 262
Ion Ratio Lower Upper
59 100
57 19.5 8.5 12.7#



#13
Acrolein
Concen: 3.298 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.037 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion: 56 Resp: 210
Ion Ratio Lower Upper
56 100
55 136.2 55.5 83.3#

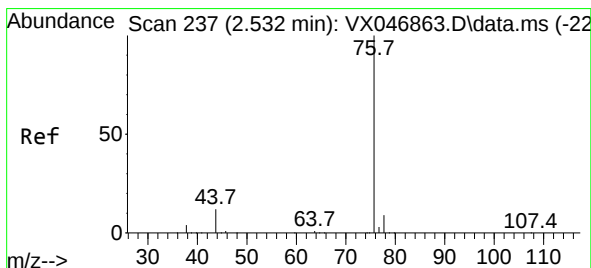
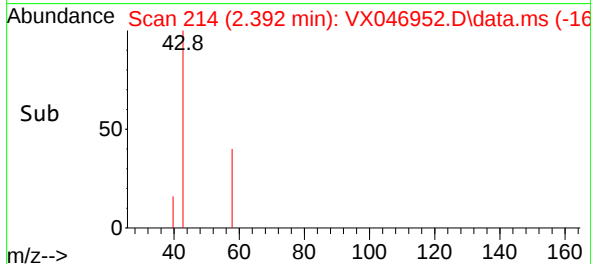
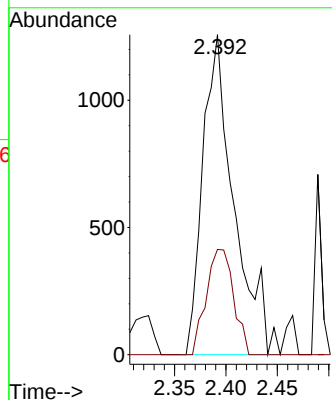
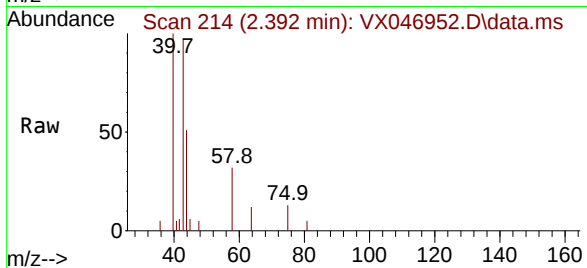




#16
Acetone
Concen: 1.386 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

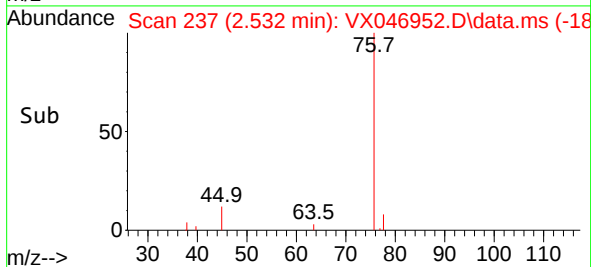
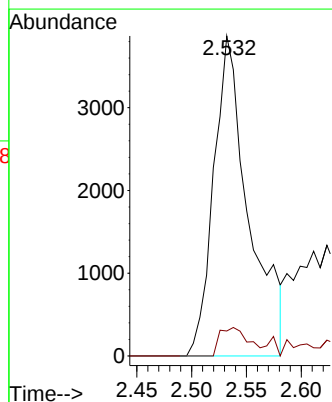
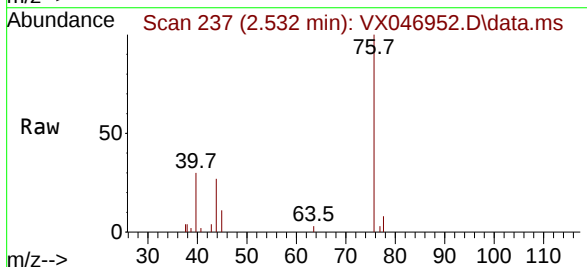
Instrument :
MSVOA_X
ClientSampleId :
IBLK

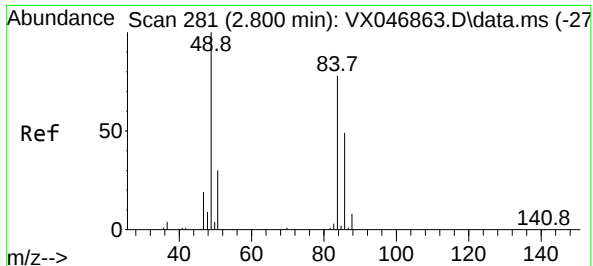
Tgt Ion: 43 Resp: 2663
Ion Ratio Lower Upper
43 100
58 32.9 25.8 38.6



#17
Carbon Disulfide
Concen: 0.647 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion: 76 Resp: 8613
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.2

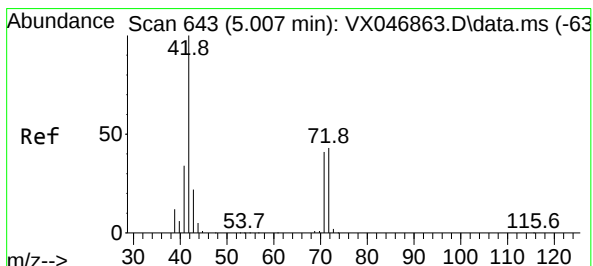
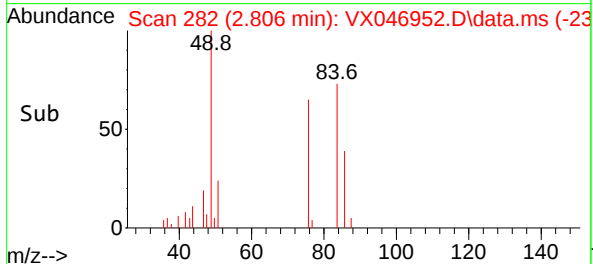
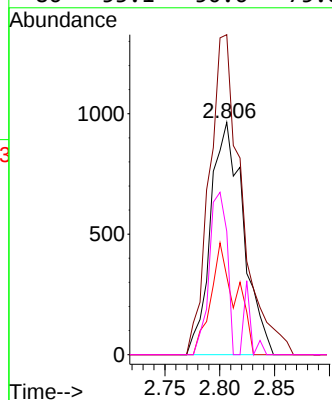
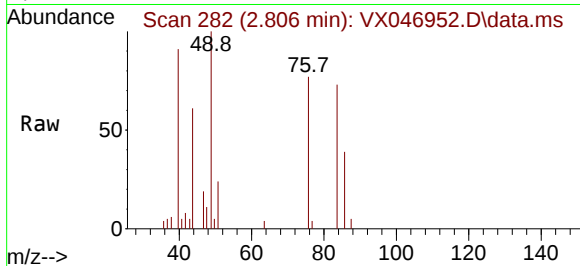




#20
Methylene Chloride
Concen: 0.352 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

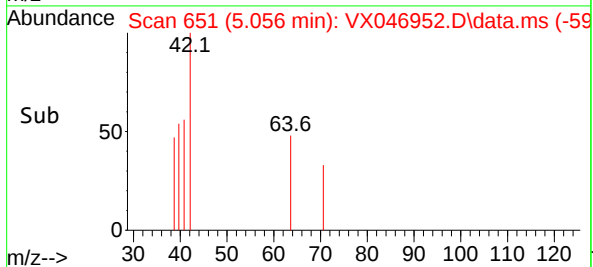
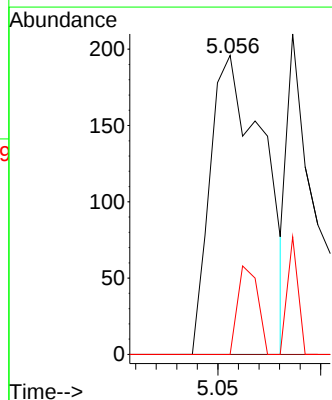
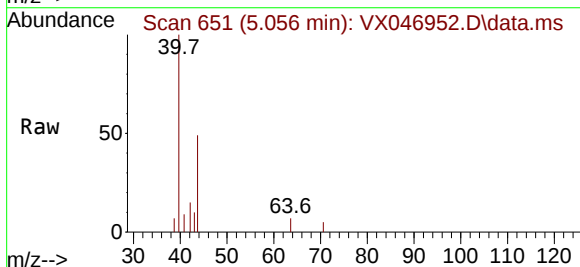
Instrument :
MSVOA_X
ClientSampleId :
IBLK

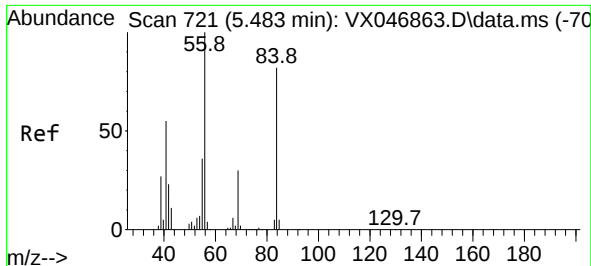
Tgt Ion:	84	Resp:	2002
Ion	Ratio	Lower	Upper
84	100		
49	137.8	102.8	154.2
51	33.6	31.1	46.7
86	53.1	50.6	75.8



#29
Tetrahydrofuran
Concen: 0.217 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.049 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion:	42	Resp:	354
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.1	52.7#
71	11.3	31.9	47.9#

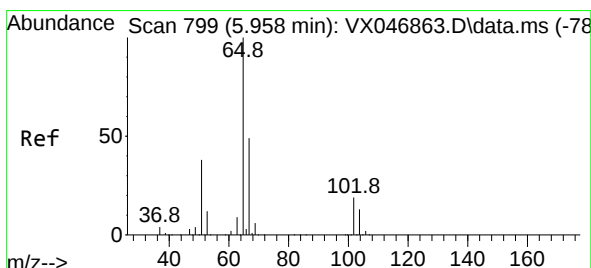
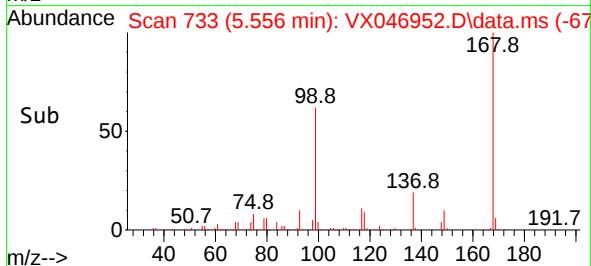
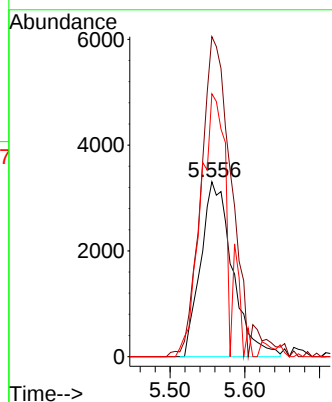
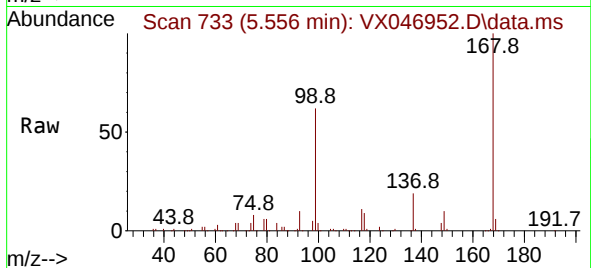




#31
Cyclohexane
Concen: 1.105 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

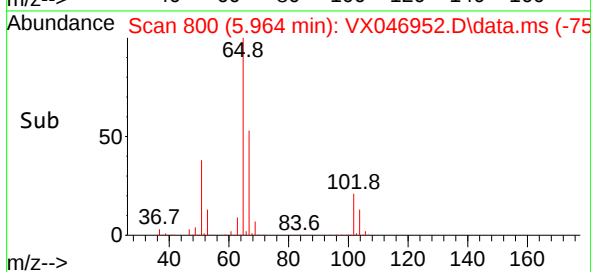
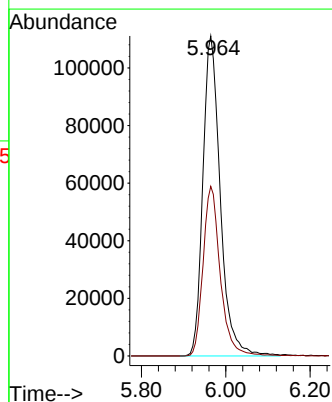
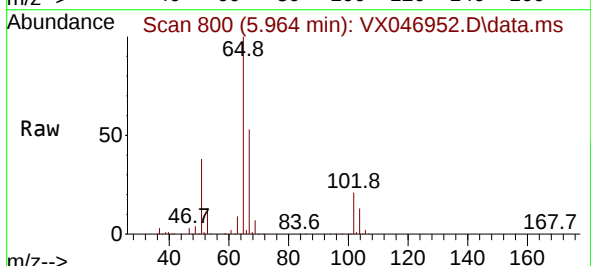
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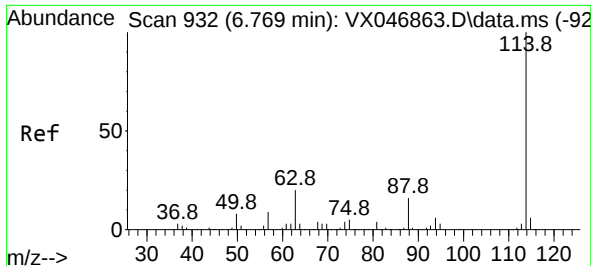
Tgt Ion: 56 Resp: 9771
Ion Ratio Lower Upper
56 100
69 180.2 24.0 36.0#
84 145.3 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 51.578 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion: 65 Resp: 319102
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2

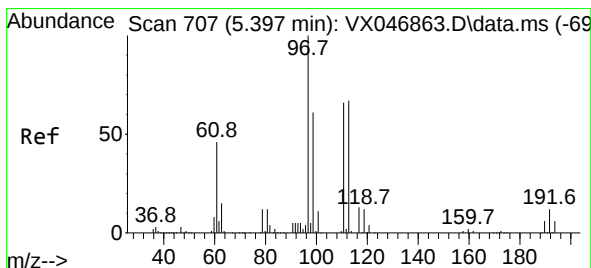
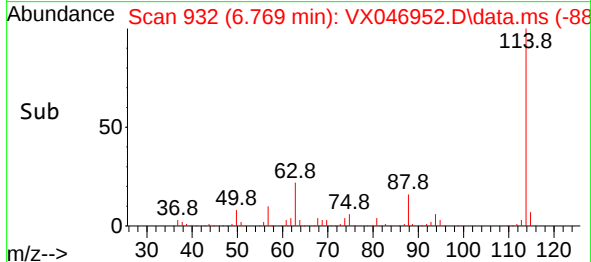
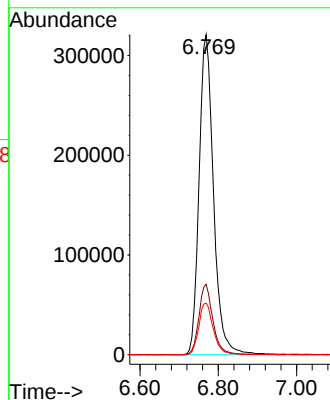
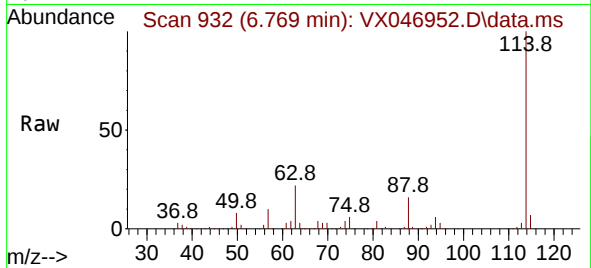




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

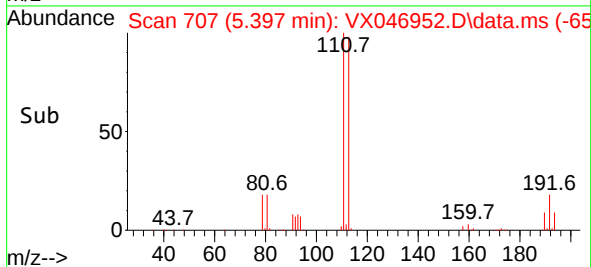
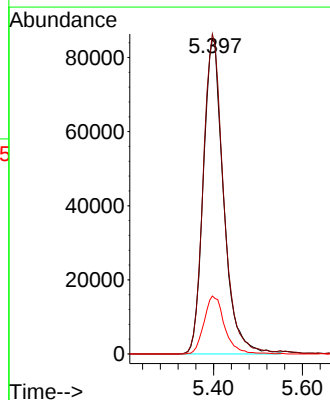
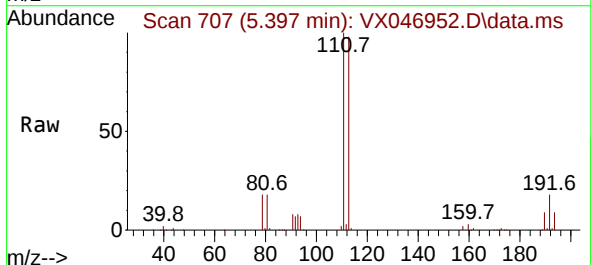
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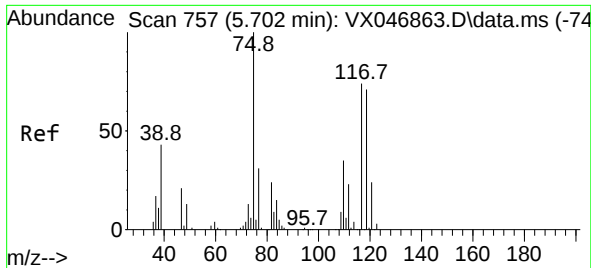
Tgt Ion:114 Resp: 823051
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.4
88 16.1 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.325 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion:113 Resp: 269984
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 18.7 15.3 22.9

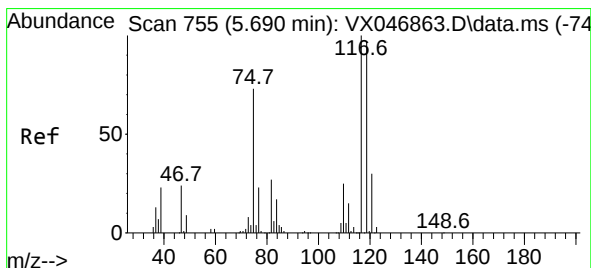
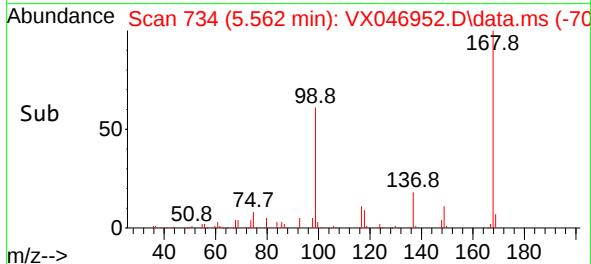
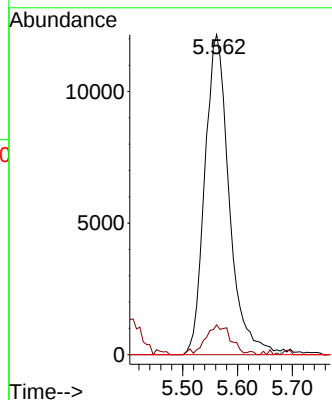
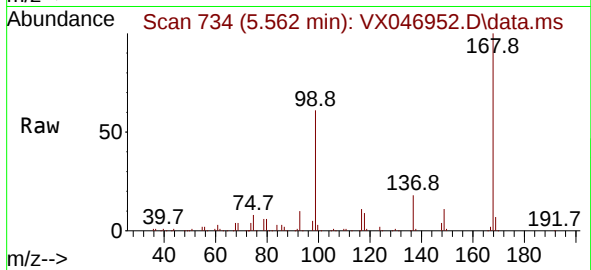




#36
1,1-Dichloropropene
Concen: 4.974 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

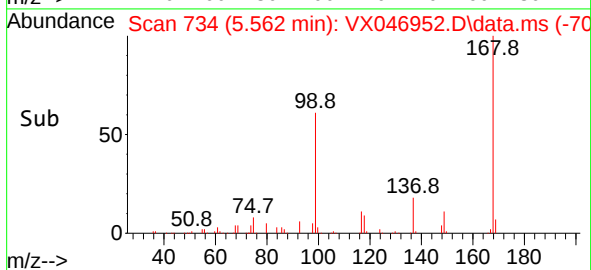
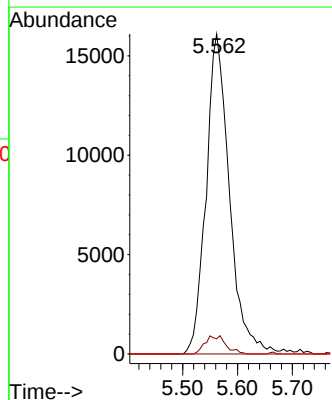
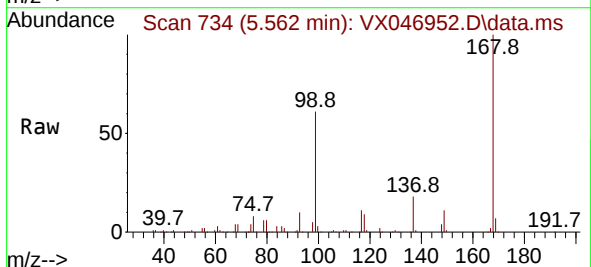
Instrument :
MSVOA_X
ClientSampleId :
IBLK

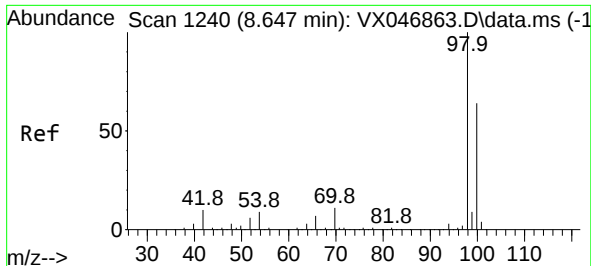
Tgt Ion: 75 Resp: 37495
Ion Ratio Lower Upper
75 100
110 9.2 17.3 51.9#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion: 117 Resp: 47508
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 24.1 36.1#

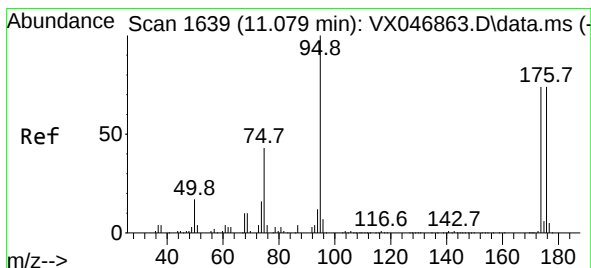
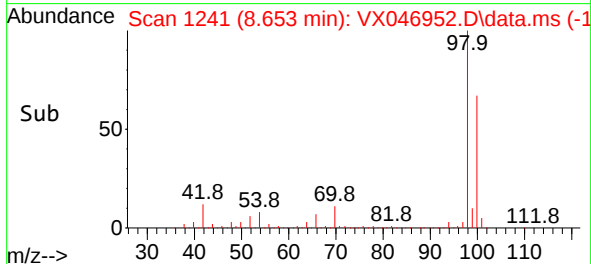
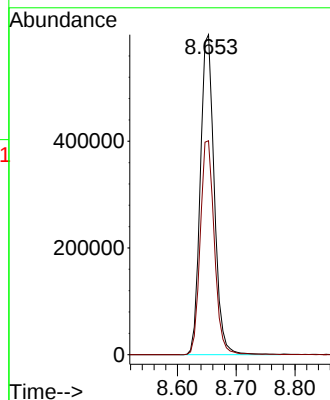
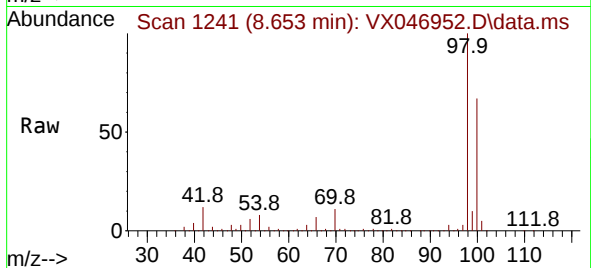




#50
Toluene-d8
Concen: 50.208 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

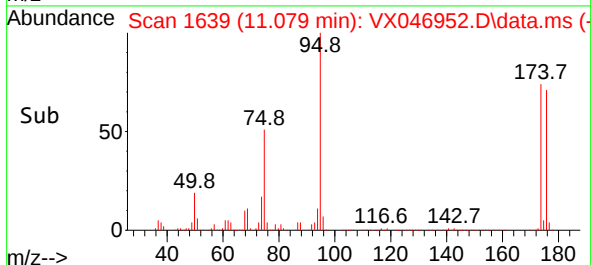
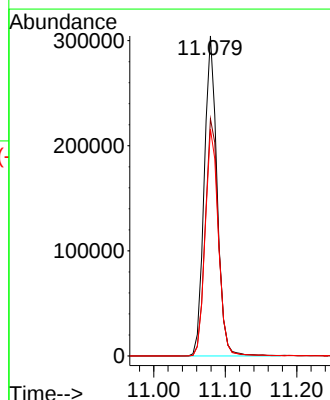
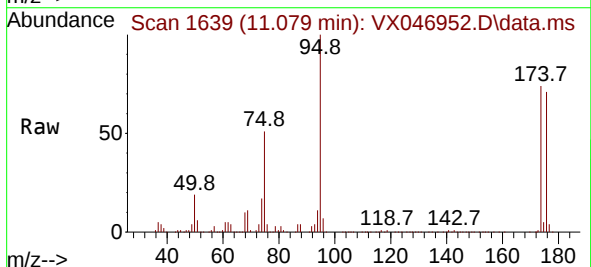
Instrument :
MSVOA_X
ClientSampleId :
IBLK

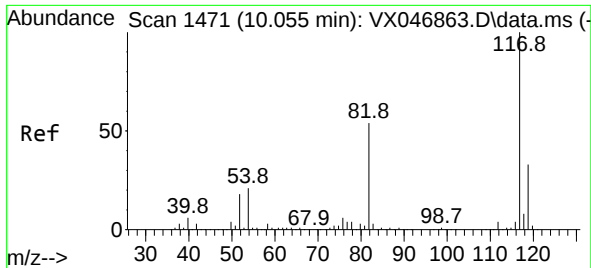
Tgt Ion: 98 Resp: 989697
Ion Ratio Lower Upper
98 100
100 67.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 50.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion: 95 Resp: 380518
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.0
176 73.0 0.0 145.2

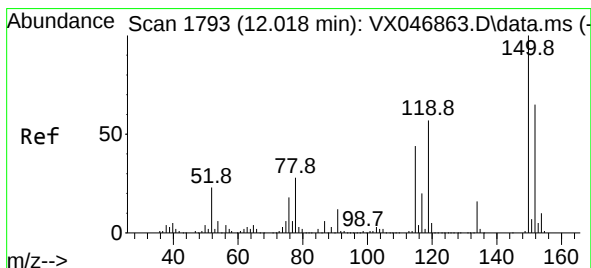
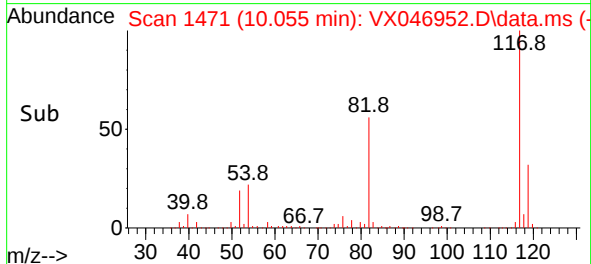
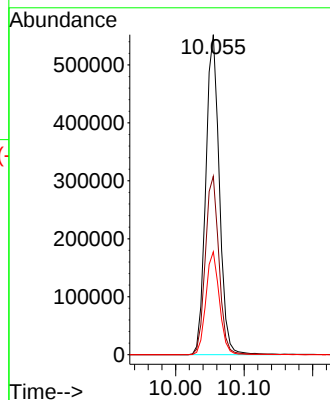
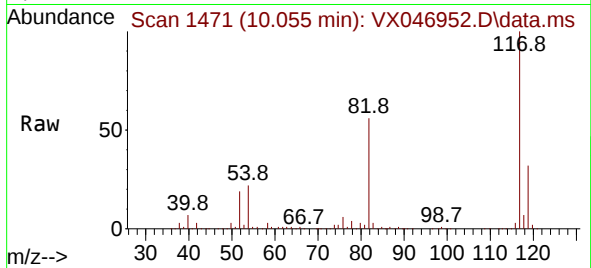




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

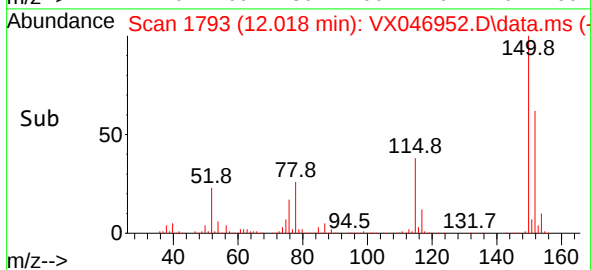
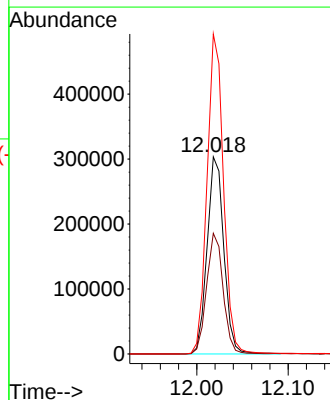
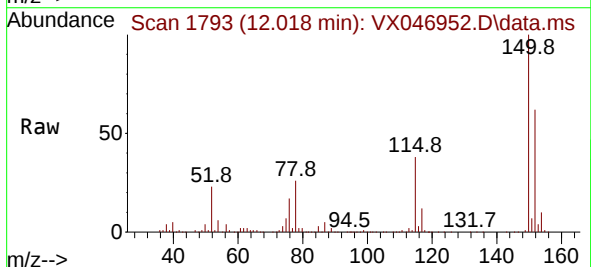
Instrument :
MSVOA_X
ClientSampleId :
IBLK

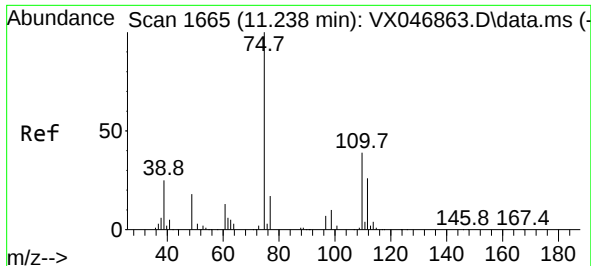
Tgt Ion:117 Resp: 760993
Ion Ratio Lower Upper
117 100
82 55.7 43.3 64.9
119 32.1 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion:152 Resp: 384583
Ion Ratio Lower Upper
152 100
115 60.7 42.4 127.1
150 160.1 0.0 349.2

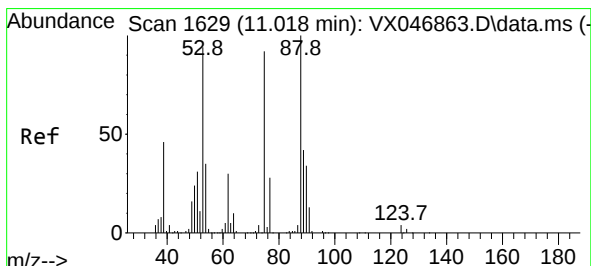
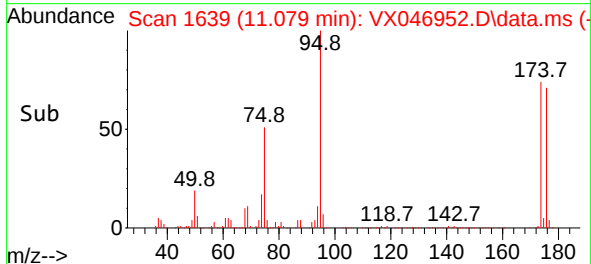
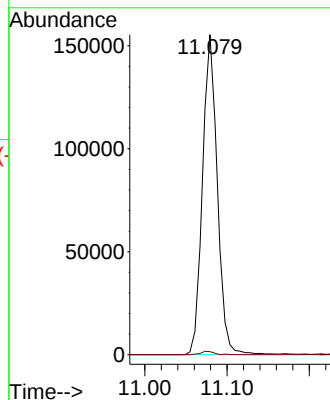
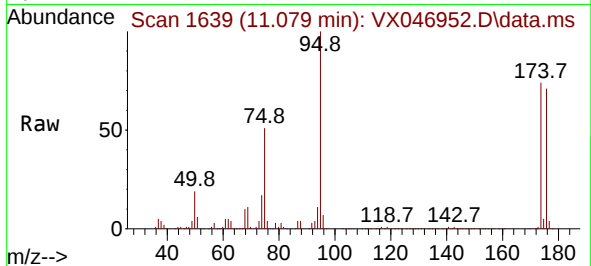




#76
1,2,3-Trichloropropane
Concen: 32.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 194419
Ion Ratio Lower Upper
75 100
77 1.0 20.6 61.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion: 75 Resp: 194419
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#

