

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047581.D
 Acq On : 02 Sep 2025 14:05
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 03 02:17:12 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)

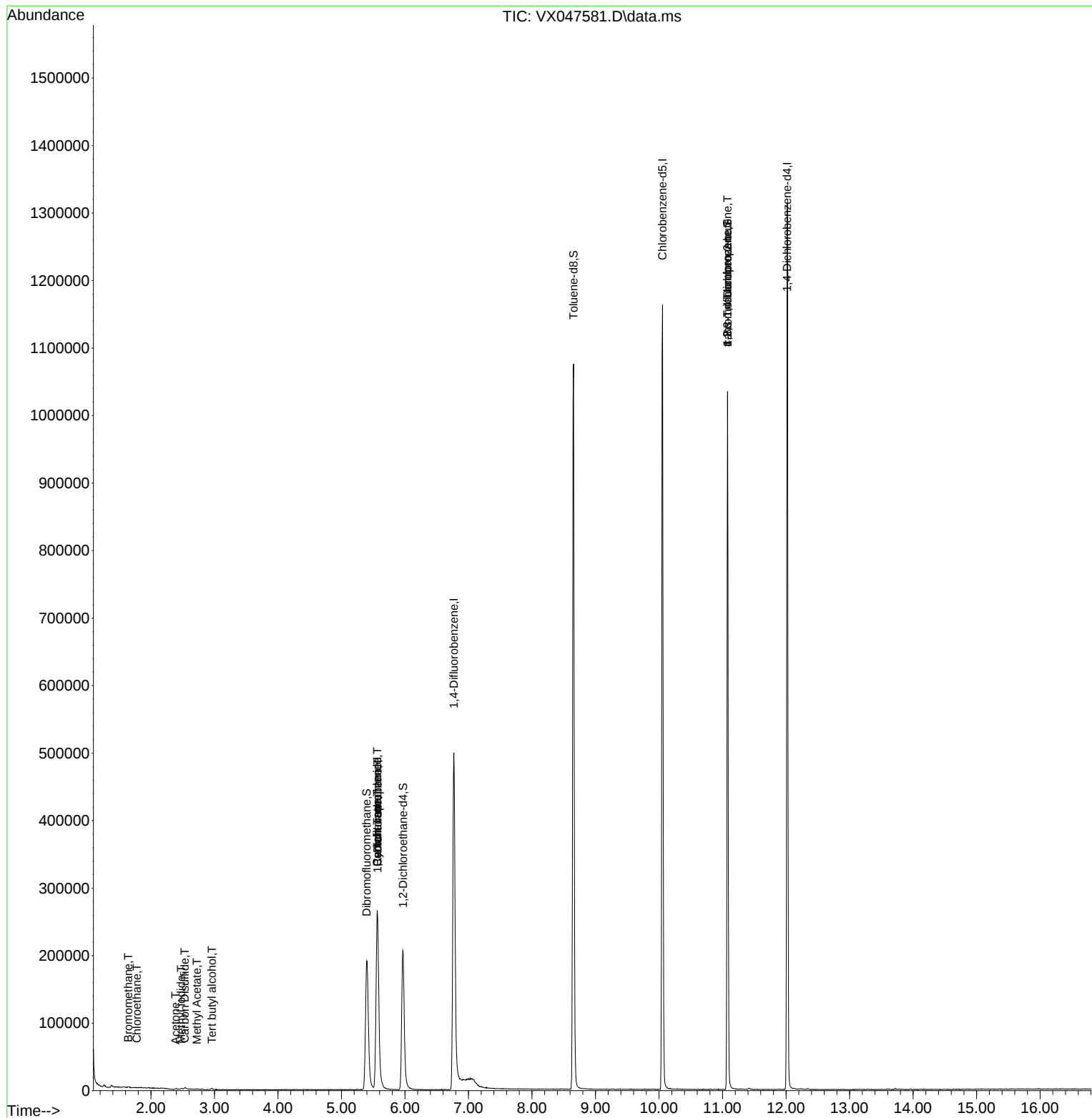
Internal Standards						
1) Pentafluorobenzene	5.562	168	266443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	536190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	529066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	266266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	219179	53.568	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.140%	
35) Dibromofluoromethane	5.397	113	186859	50.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.560%	
50) Toluene-d8	8.653	98	656198	50.871	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	11.079	95	273878	56.517	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.040%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	733	0.452	ug/l #	67
6) Chloroethane	1.776	64	684	0.287	ug/l #	64
10) Methyl Iodide	2.477	142	2394	0.456	ug/l #	80
11) Tert butyl alcohol	2.959	59	128	0.340	ug/l #	73
16) Acetone	2.385	43	2123	1.310	ug/l #	44
17) Carbon Disulfide	2.532	76	3647	0.365	ug/l #	92
18) Methyl Acetate	2.721	43	1648	0.413	ug/l #	74
31) Cyclohexane	5.562	56	5688	0.989	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	21827	4.168	ug/l #	49
38) Carbon Tetrachloride	5.562	117	27842	4.791	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	139568	29.369	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	139568	103.795	ug/l #	7

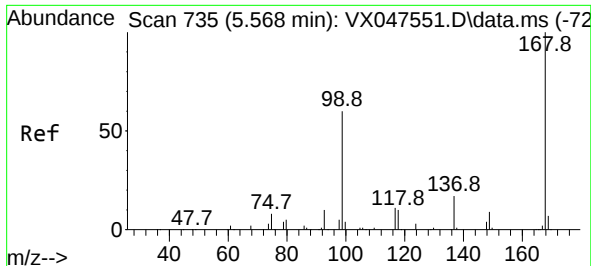
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
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Quant Time: Sep 03 02:17:12 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

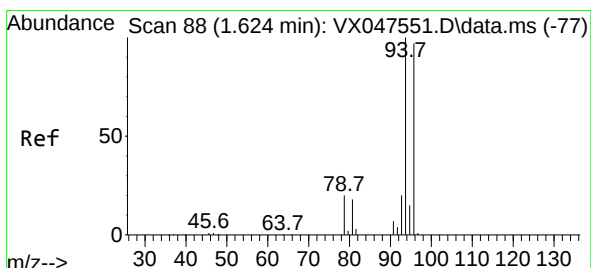
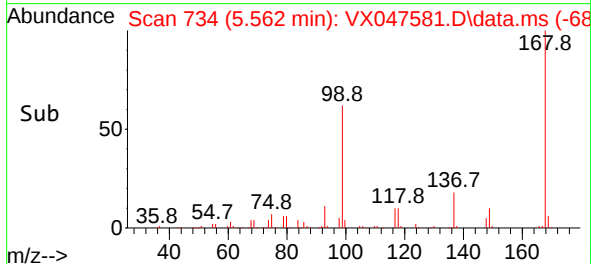
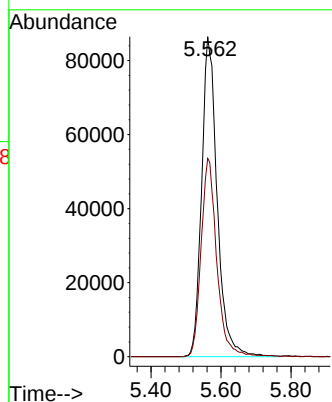
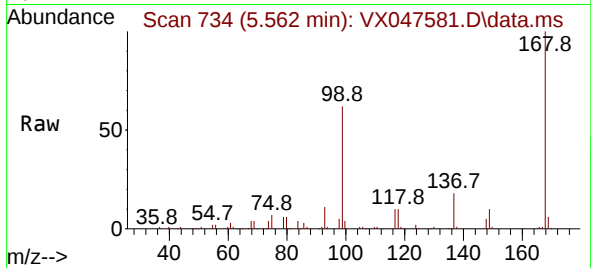




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

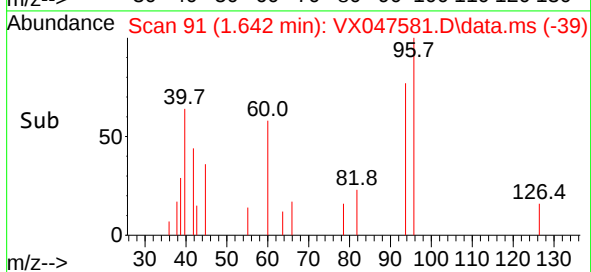
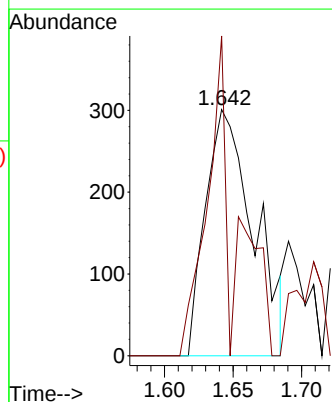
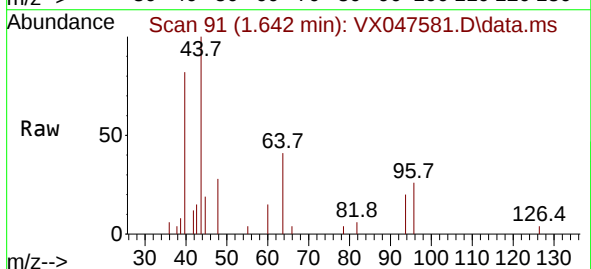
Instrument :
MSVOA_X
ClientSampleId :
IBLK

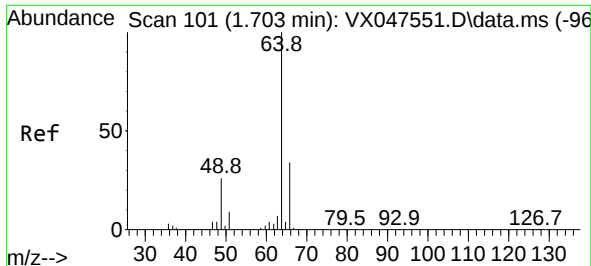
Tgt Ion:168 Resp: 266443
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#5
Bromomethane
Concen: 0.452 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

Tgt Ion: 94 Resp: 733
Ion Ratio Lower Upper
94 100
96 129.9 77.7 116.5#

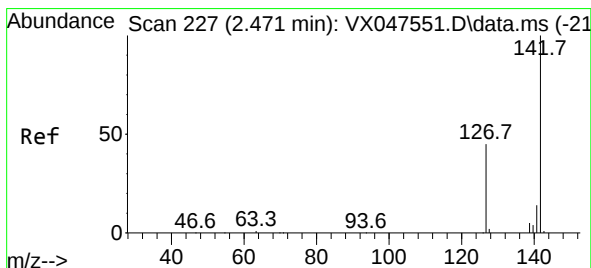
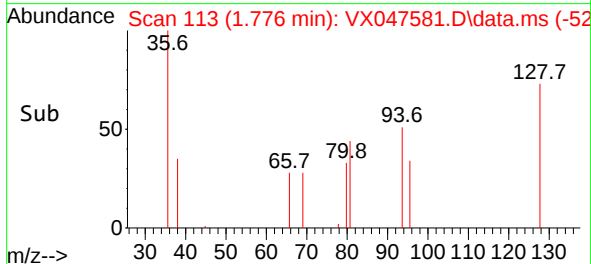
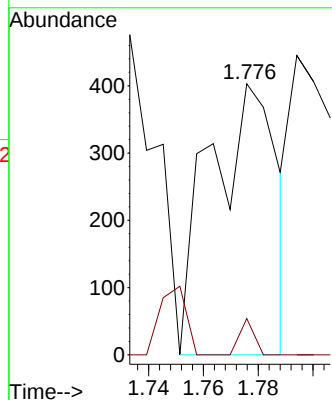
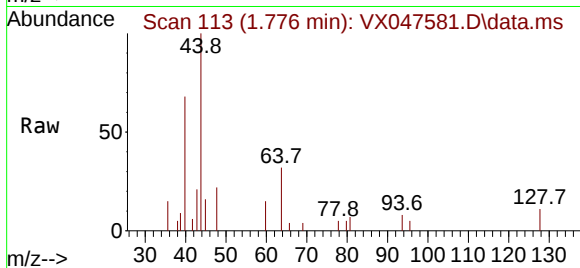




#6
Chloroethane
Concen: 0.287 ug/l
RT: 1.776 min Scan# 113
Delta R.T. 0.073 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

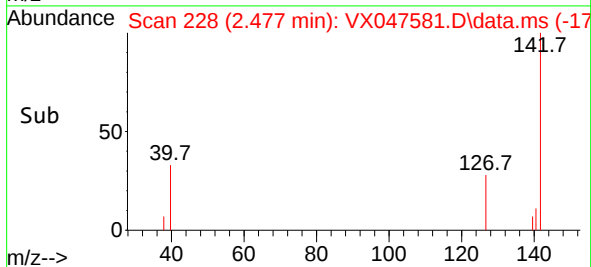
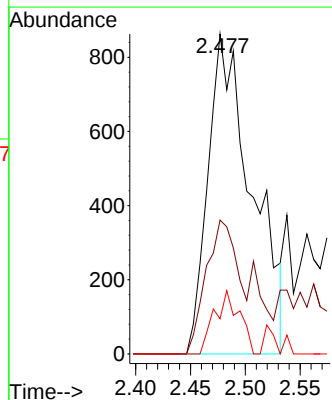
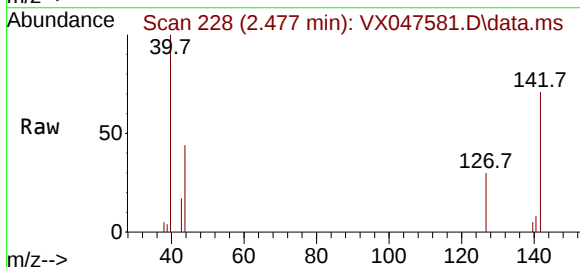
Instrument :
MSVOA_X
ClientSampleId :
IBLK

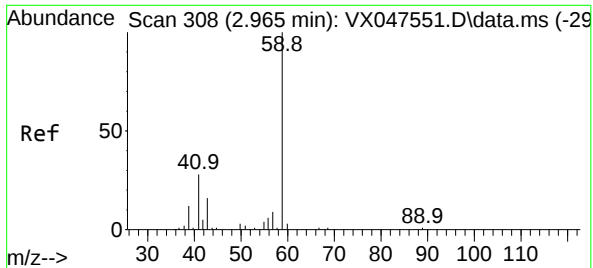
Tgt Ion: 64 Resp: 684
Ion Ratio Lower Upper
64 100
66 13.4 27.4 41.2#



#10
Methyl Iodide
Concen: 0.456 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

Tgt Ion:142 Resp: 2394
Ion Ratio Lower Upper
142 100
127 31.0 37.6 56.4#
141 11.3 10.6 16.0

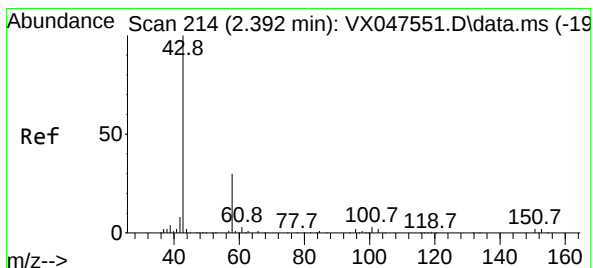
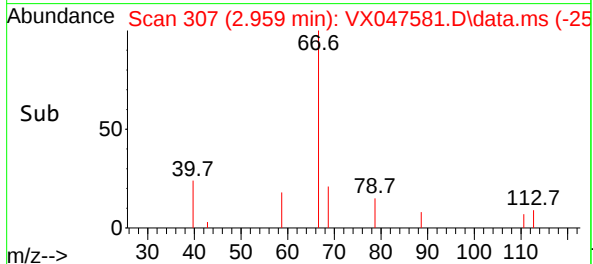
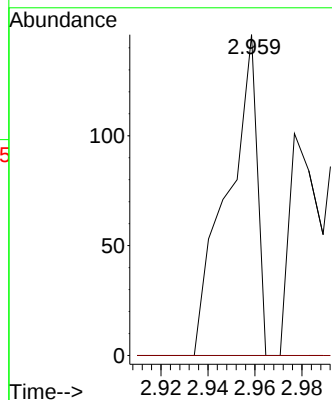
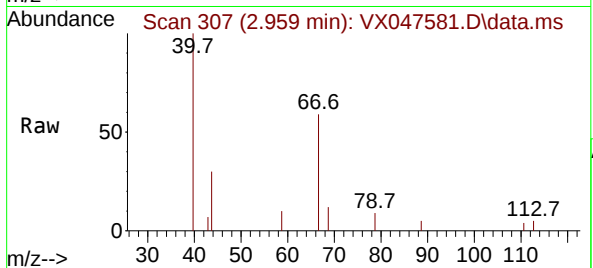




#11
Tert butyl alcohol
Concen: 0.340 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

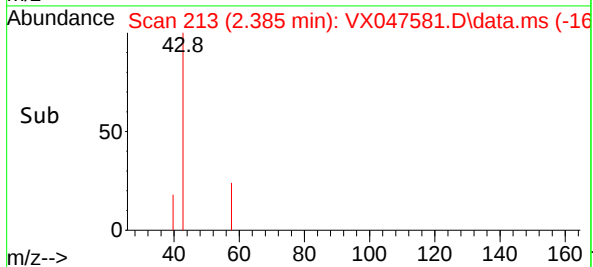
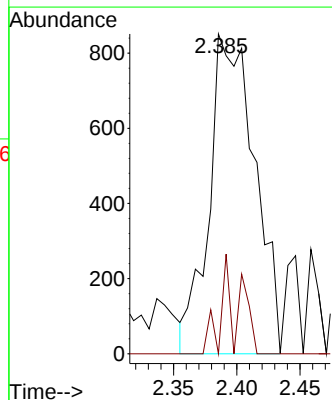
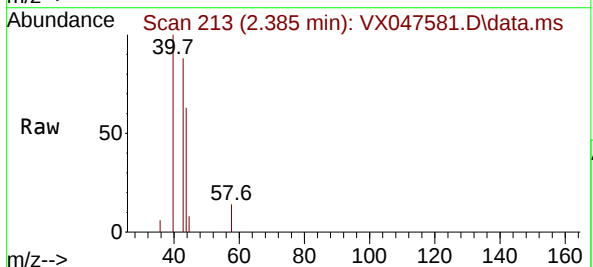
Instrument :
MSVOA_X
ClientSampleId :
IBLK

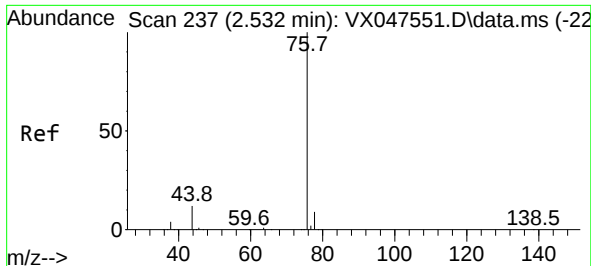
Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 1.310 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#





#17

Carbon Disulfide

Concen: 0.365 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX047581.D

Acq: 02 Sep 2025 14:05

Instrument :

MSVOA_X

ClientSampleId :

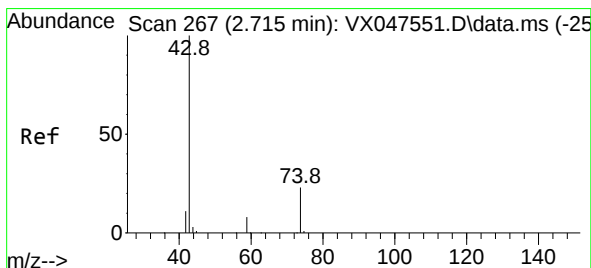
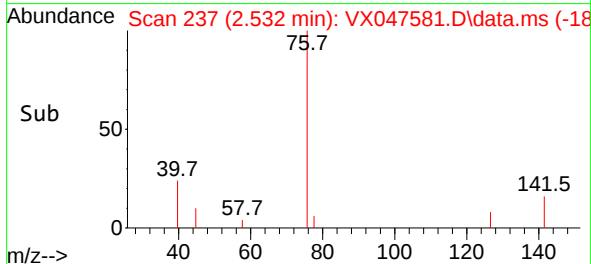
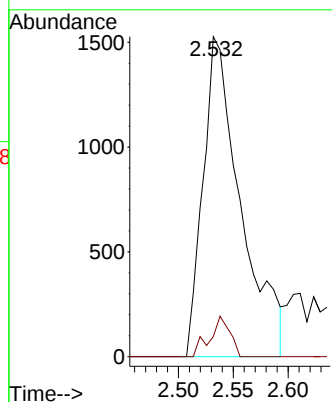
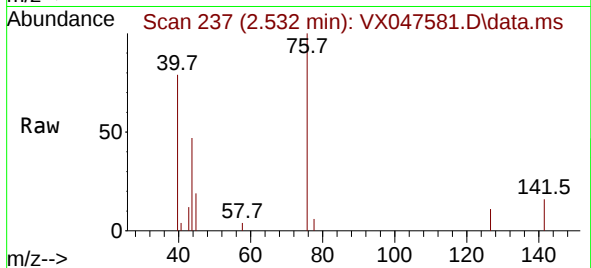
IBLK

Tgt Ion: 76 Resp: 3647

Ion Ratio Lower Upper

76 100

78 6.3 7.4 11.0#



#18

Methyl Acetate

Concen: 0.413 ug/l

RT: 2.721 min Scan# 268

Delta R.T. 0.006 min

Lab File: VX047581.D

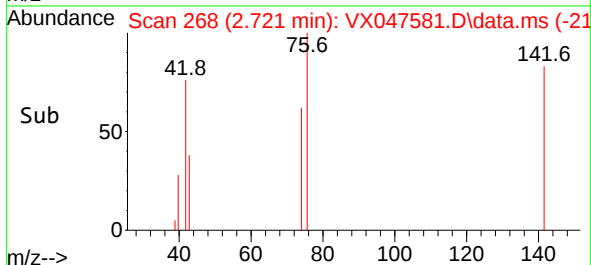
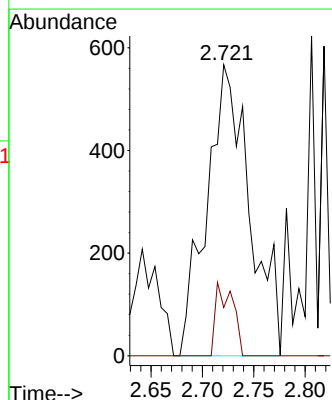
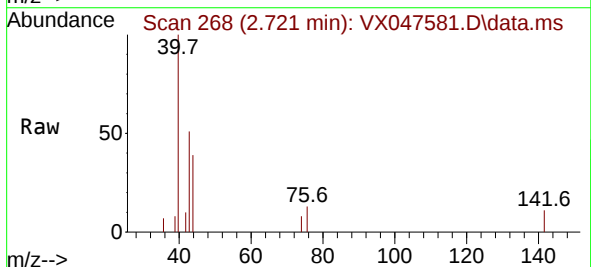
Acq: 02 Sep 2025 14:05

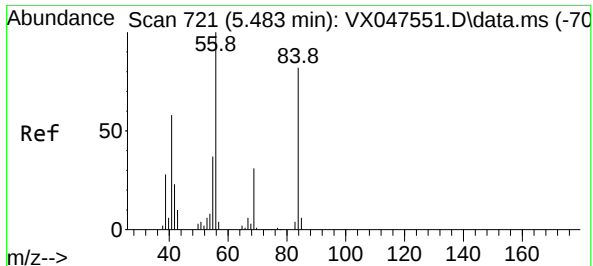
Tgt Ion: 43 Resp: 1648

Ion Ratio Lower Upper

43 100

74 10.0 17.8 26.8#

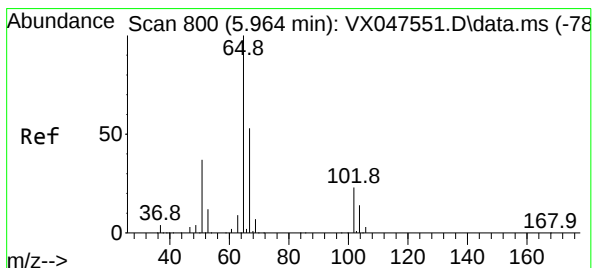
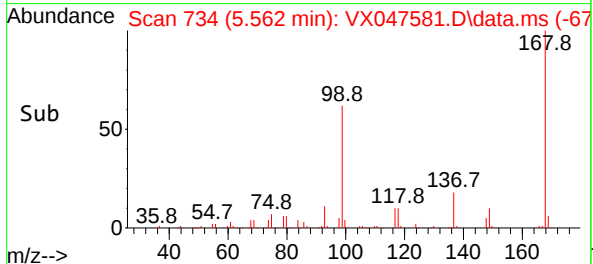
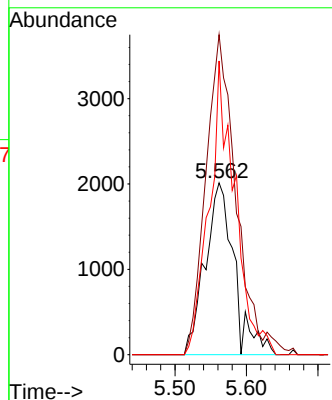
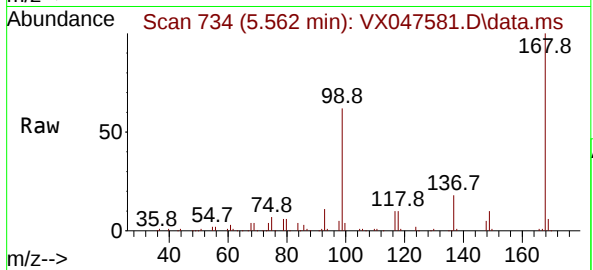




#31
Cyclohexane
Concen: 0.989 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

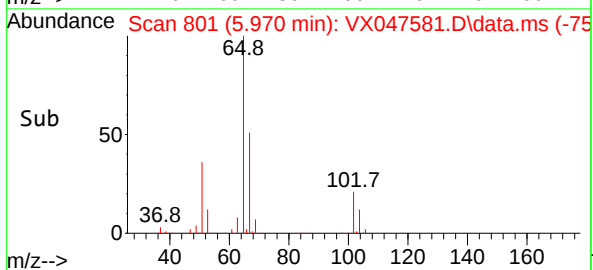
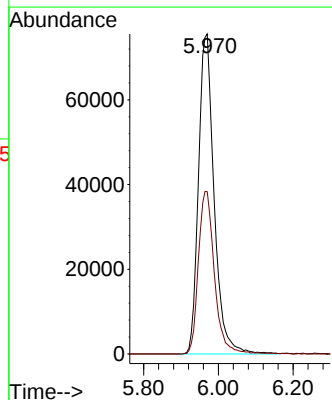
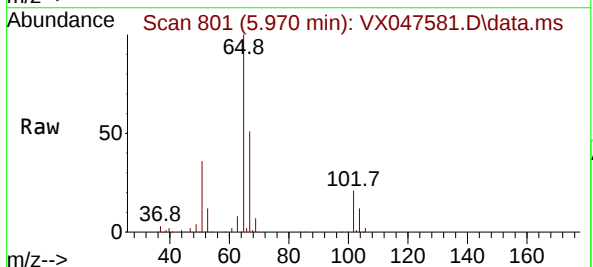
Instrument :
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IBLK

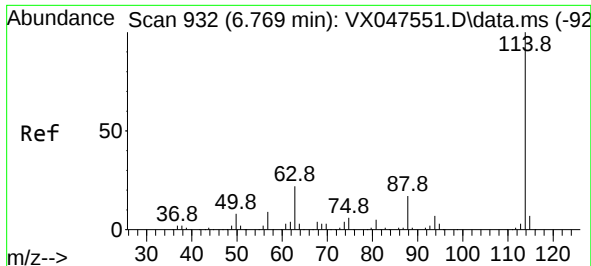
Tgt Ion: 56 Resp: 5688
Ion Ratio Lower Upper
56 100
69 186.2 24.2 36.2#
84 170.9 65.5 98.3#



#33
1,2-Dichloroethane-d4
Concen: 53.568 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

Tgt Ion: 65 Resp: 219179
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

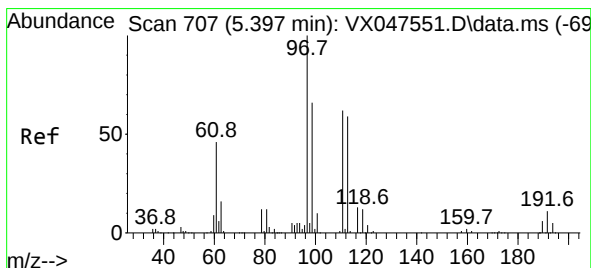
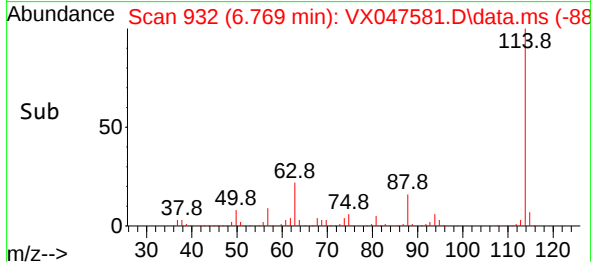
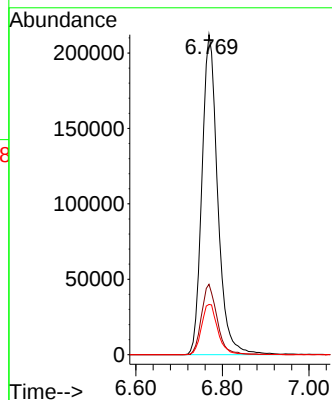
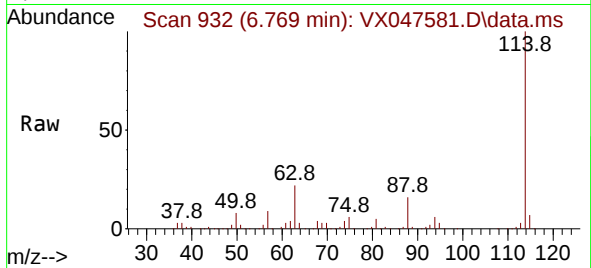




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

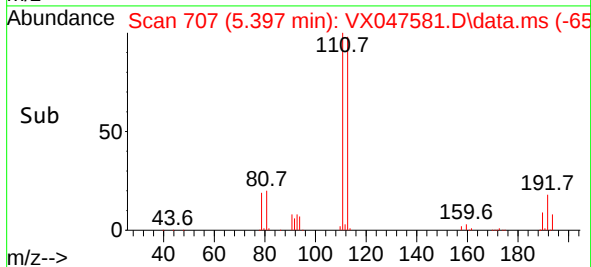
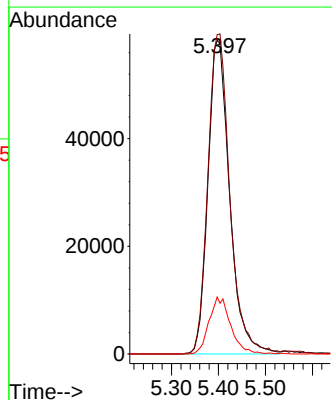
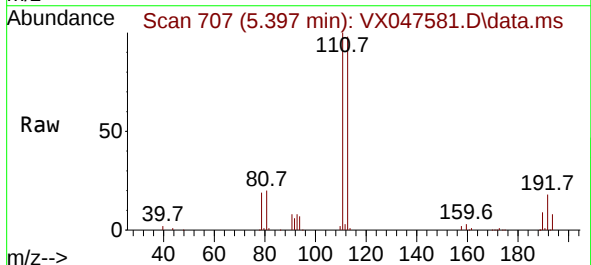
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IBLK

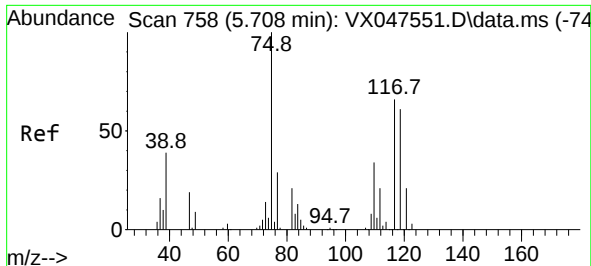
Tgt Ion:114 Resp: 536190
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.6
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.776 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

Tgt Ion:113 Resp: 186859
Ion Ratio Lower Upper
113 100
111 103.4 81.2 121.8
192 17.9 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.168 ug/l

RT: 5.568 min Scan# 71

Delta R.T. -0.141 min

Lab File: VX047581.D

Acq: 02 Sep 2025 14:05

Instrument :

MSVOA_X

ClientSampleId :

IBLK

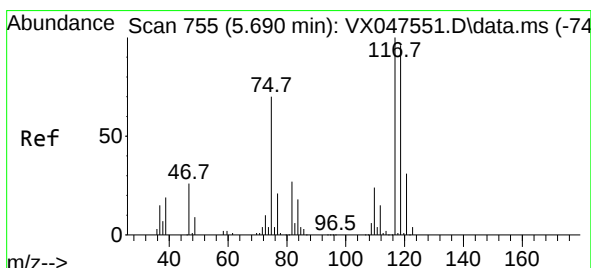
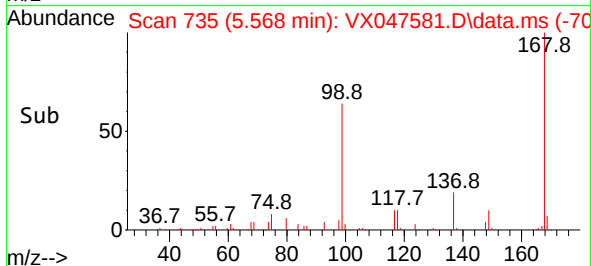
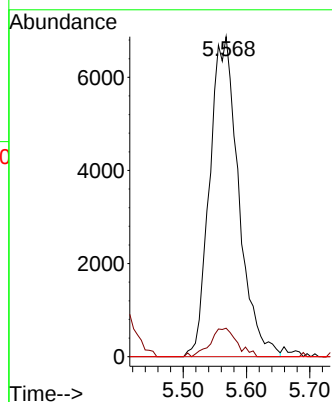
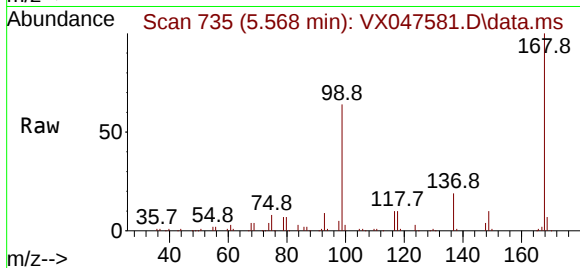
Tgt Ion: 75 Resp: 21827

Ion Ratio Lower Upper

75 100

110 8.2 17.1 51.3#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 4.791 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX047581.D

Acq: 02 Sep 2025 14:05

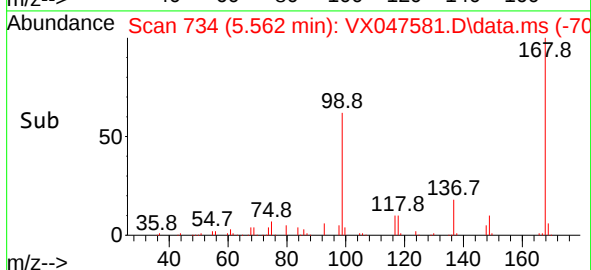
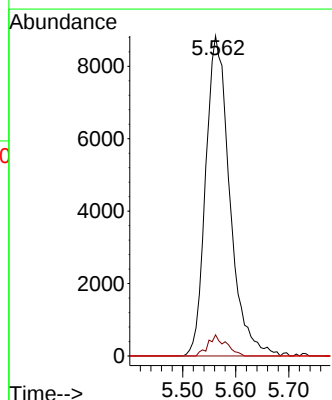
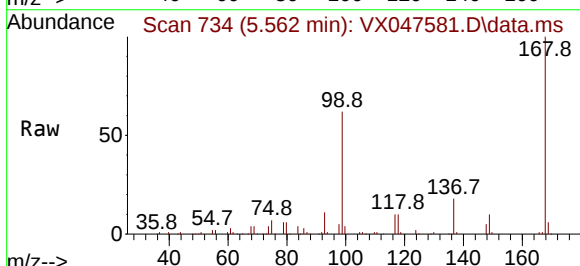
Tgt Ion: 117 Resp: 27842

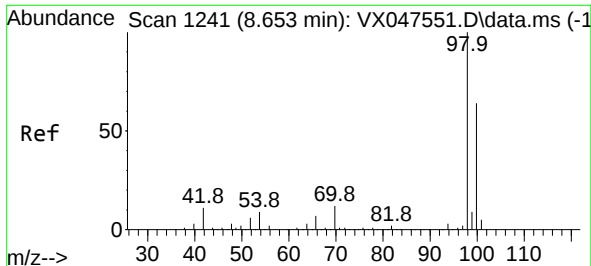
Ion Ratio Lower Upper

117 100

119 6.6 76.4 114.6#

121 0.0 24.9 37.3#

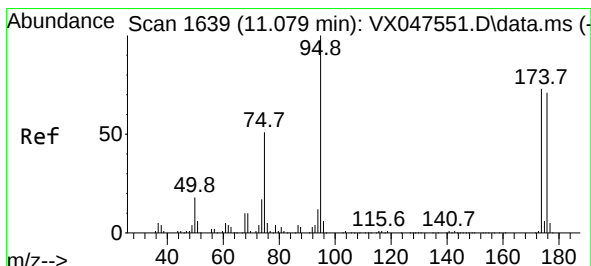
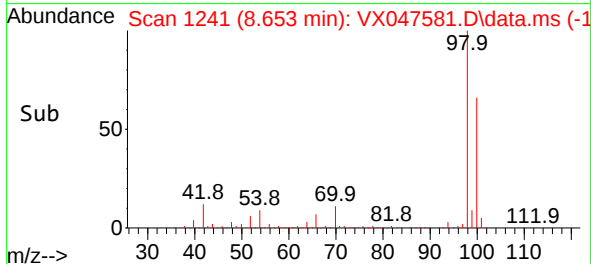
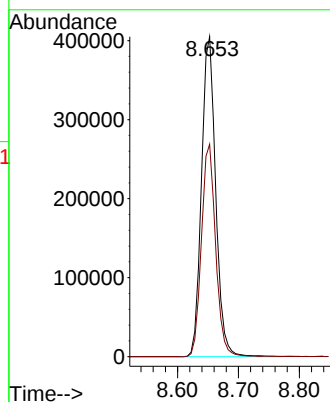
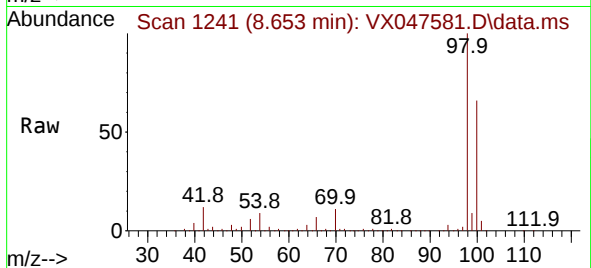




#50
Toluene-d8
Concen: 50.871 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

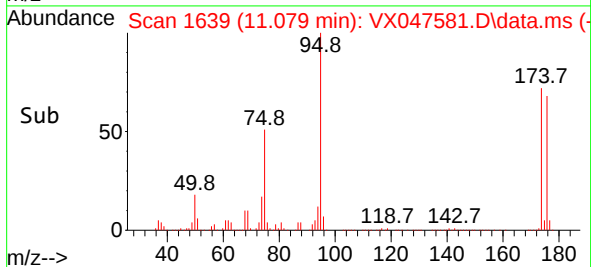
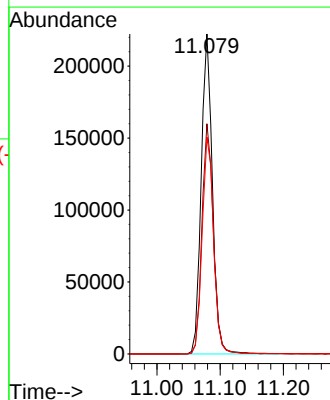
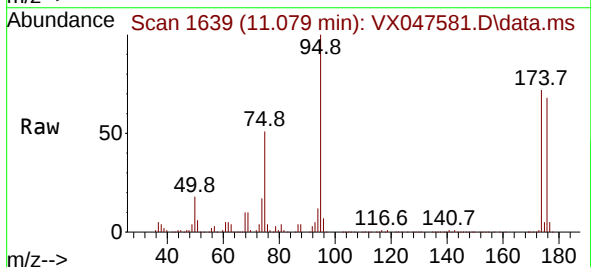
Instrument :
MSVOA_X
ClientSampleId :
IBLK

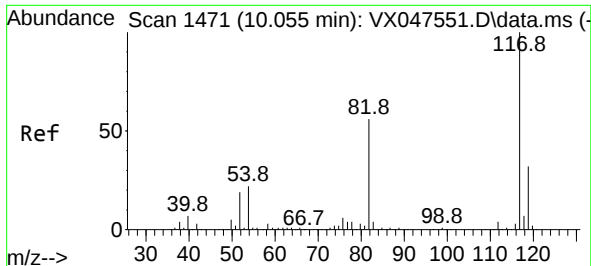
Tgt Ion: 98 Resp: 656198
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 56.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

Tgt Ion: 95 Resp: 273878
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.2
176 69.5 0.0 140.4

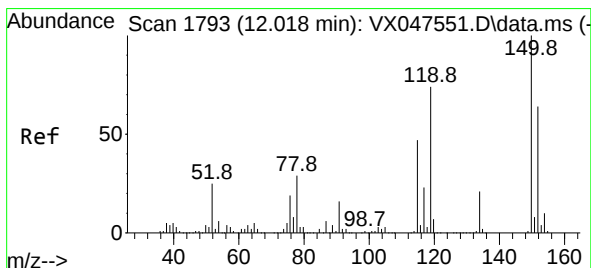
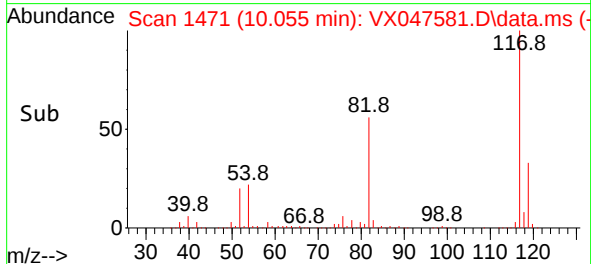
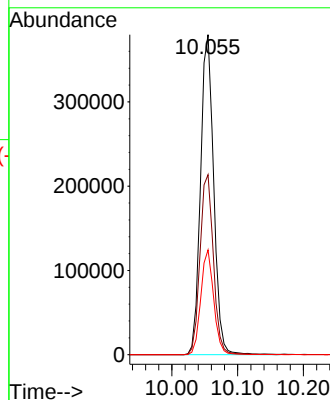
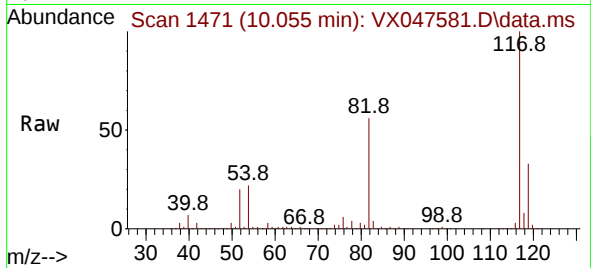




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

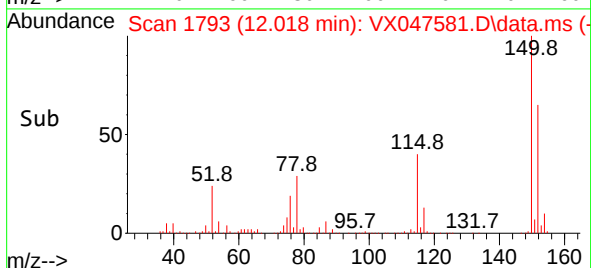
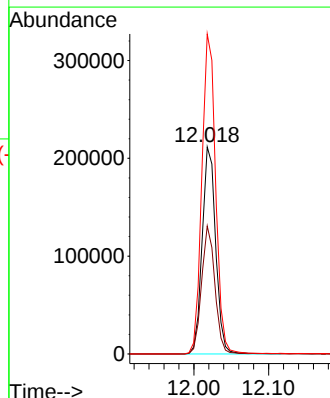
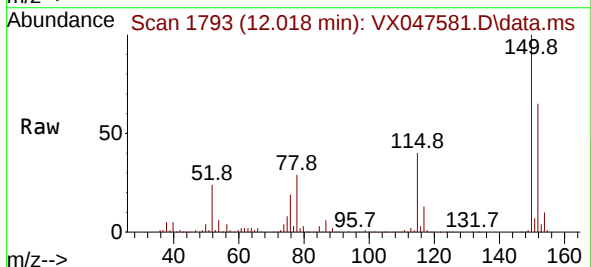
Instrument :
MSVOA_X
ClientSampleId :
IBLK

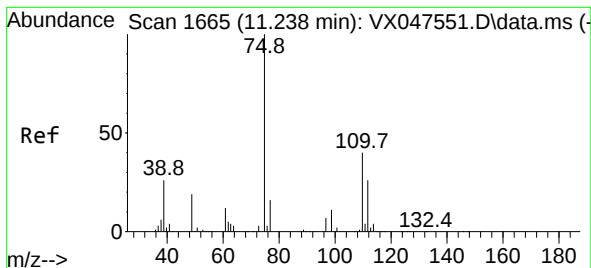
Tgt Ion:117 Resp: 529066
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

Tgt Ion:152 Resp: 266266
Ion Ratio Lower Upper
152 100
115 61.1 42.9 128.5
150 157.2 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 29.369 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX047581.D

Acq: 02 Sep 2025 14:05

Instrument :

MSVOA_X

ClientSampleId :

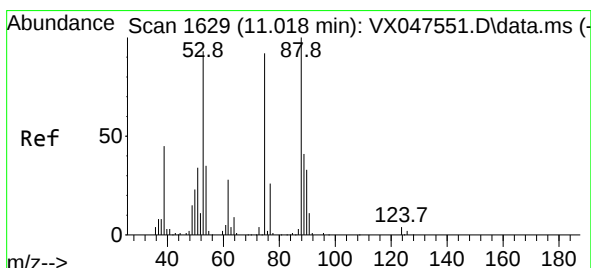
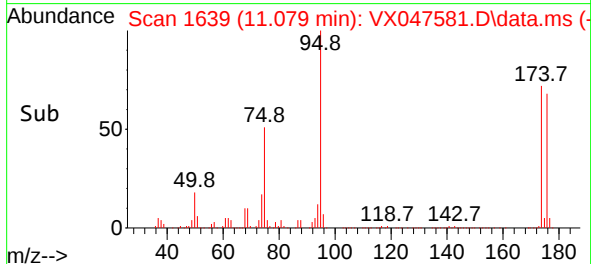
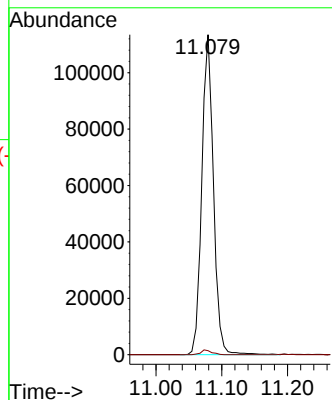
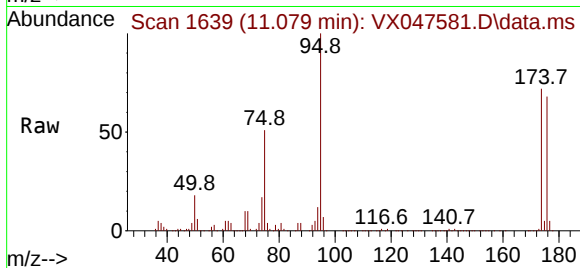
IBLK

Tgt Ion: 75 Resp: 139568

Ion Ratio Lower Upper

75 100

77 1.4 19.7 59.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.795 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX047581.D

Acq: 02 Sep 2025 14:05

Tgt Ion: 75 Resp: 139568

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

89 0.0 36.4 54.6#

