

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045134.D
 Acq On : 05 Mar 2025 12:03
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 06 01:02:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

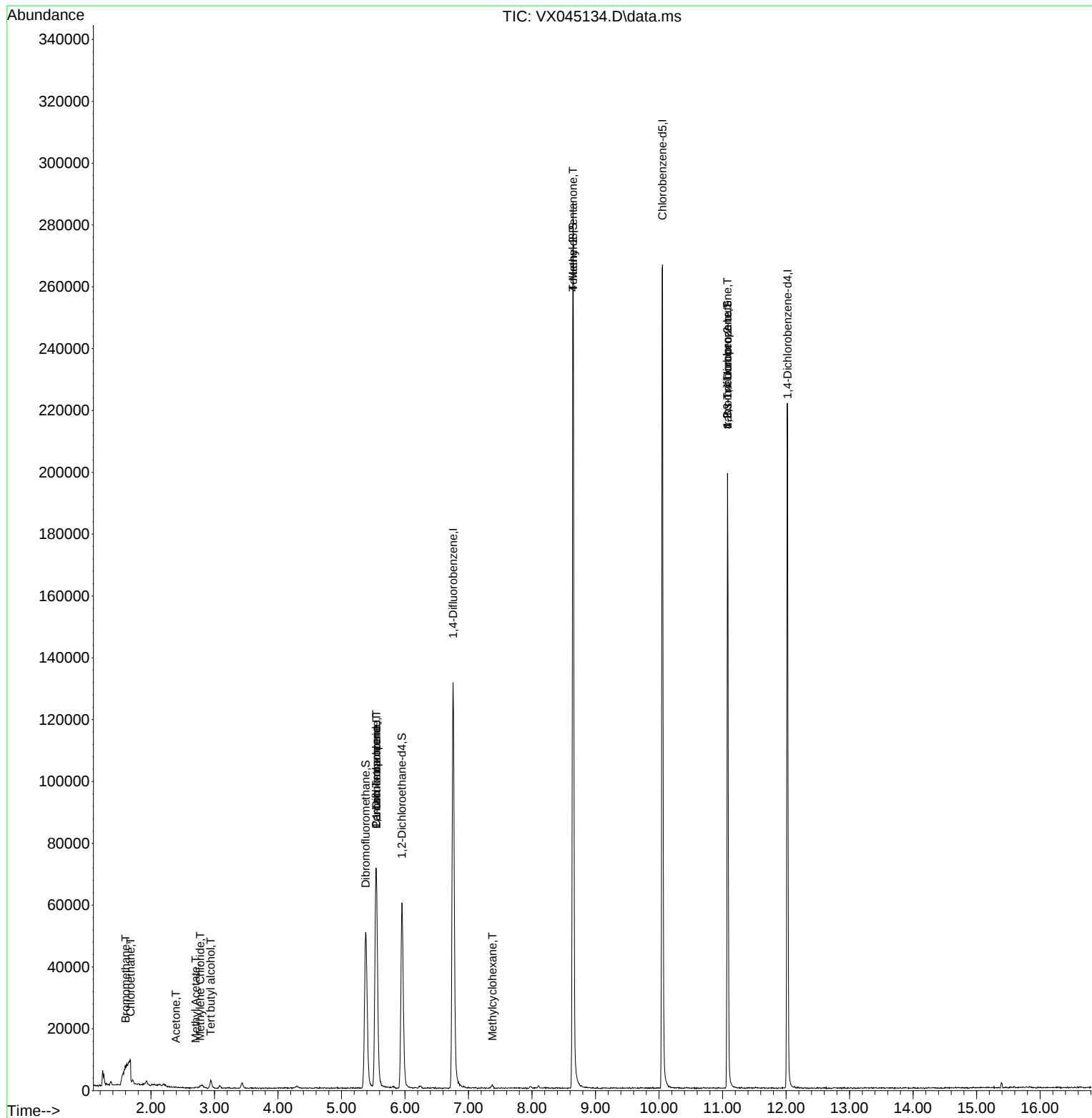
Internal Standards						
1) Pentafluorobenzene	5.550	168	67628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56875	52.871	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.740%			
35) Dibromofluoromethane	5.379	113	45613	51.247	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.500%			
50) Toluene-d8	8.647	98	166987	51.750	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.500%			
62) 4-Bromofluorobenzene	11.079	95	52277	48.891	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.780%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	171	0.421	ug/l #	3
6) Chloroethane	1.679	64	159	0.334	ug/l #	41
11) Tert butyl alcohol	2.940	59	1505	7.386	ug/l #	73
16) Acetone	2.392	43	217	0.435	ug/l #	44
18) Methyl Acetate	2.703	43	689	0.574	ug/l #	83
20) Methylene Chloride	2.776	84	253	0.256	ug/l #	69
36) 1,1-Dichloropropene	5.550	75	6122	5.015	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7438	6.002	ug/l #	15
39) Methylcyclohexane	7.379	83	442	0.302	ug/l #	60
51) 4-Methyl-2-Pentanone	8.647	43	827	0.530	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	27512	26.430	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	27512	90.447	ug/l #	6

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045134.D
Acq On : 05 Mar 2025 12:03
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Mar 06 01:02:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

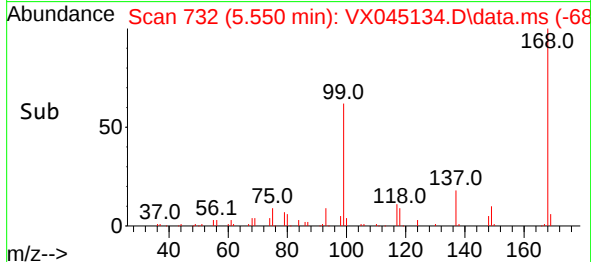
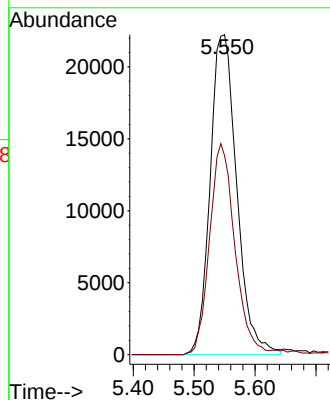
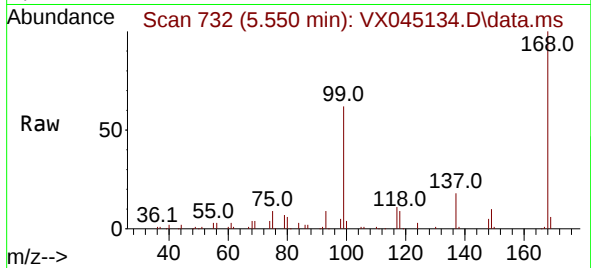




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

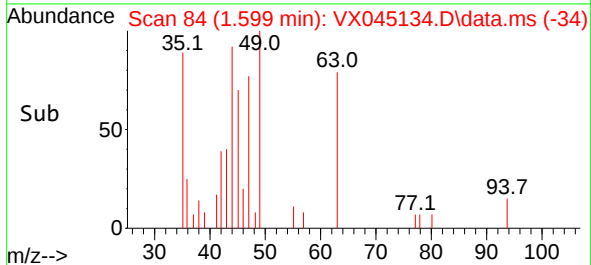
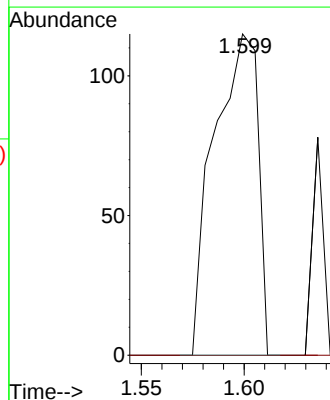
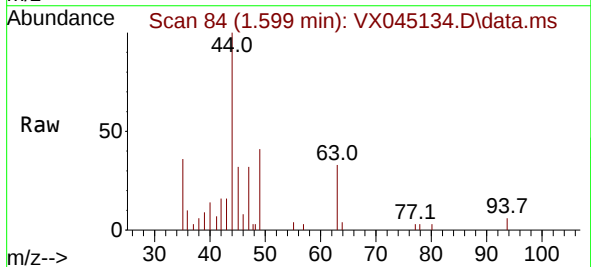
Instrument :
MSVOA_X
ClientSampleId :
IBLK

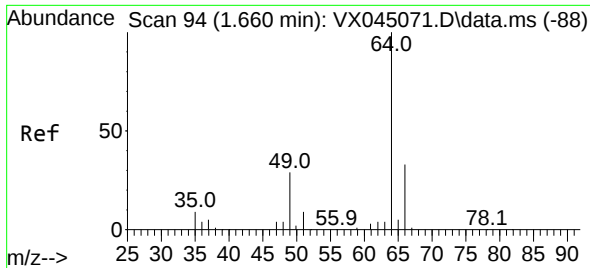
Tgt Ion:168 Resp: 67628
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#5
Bromomethane
Concen: 0.421 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

Tgt Ion: 94 Resp: 171
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#

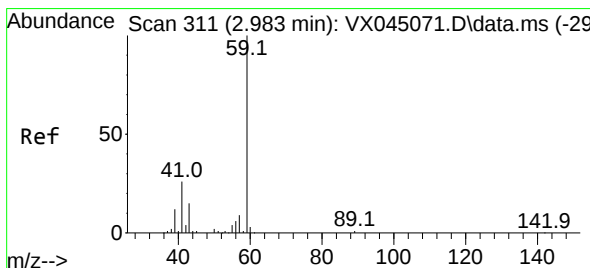
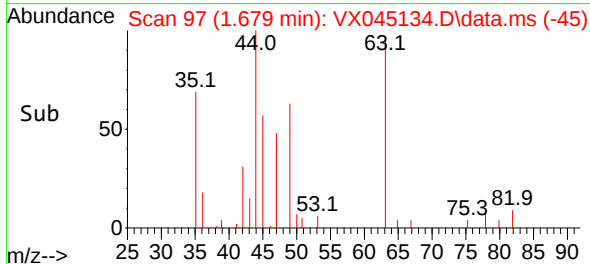
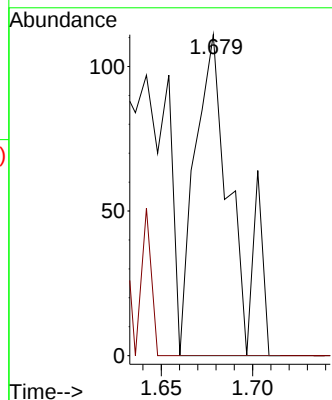
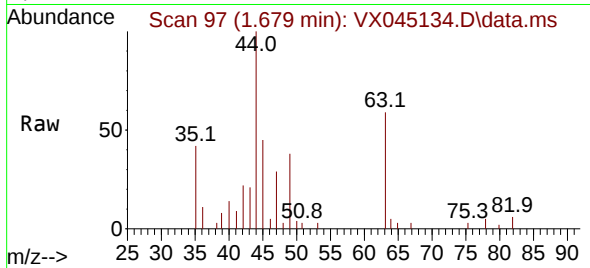




#6
Chloroethane
Concen: 0.334 ug/l
RT: 1.679 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

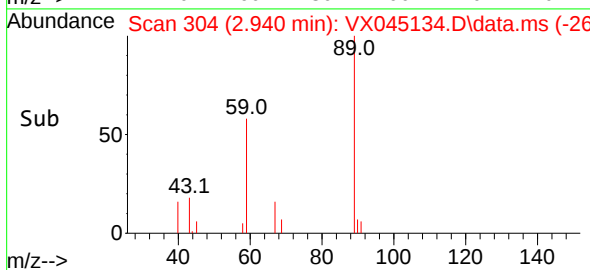
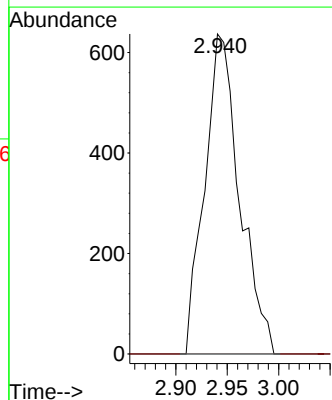
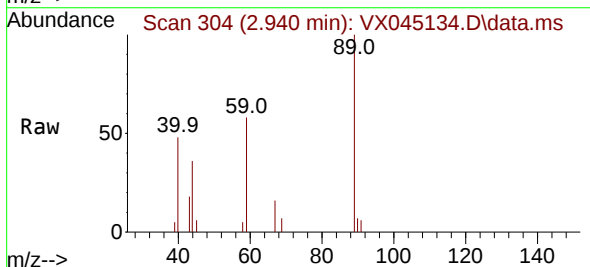
Instrument :
MSVOA_X
ClientSampleId :
IBLK

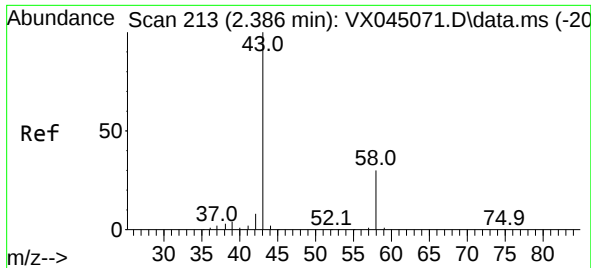
Tgt Ion: 64 Resp: 159
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#11
Tert butyl alcohol
Concen: 7.386 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

Tgt Ion: 59 Resp: 1505
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

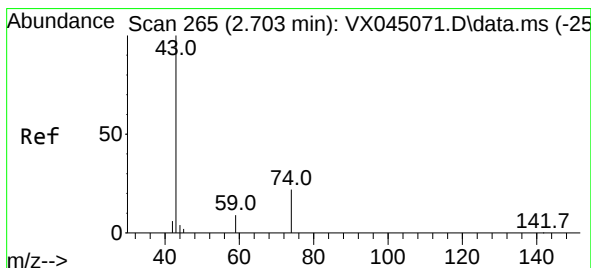
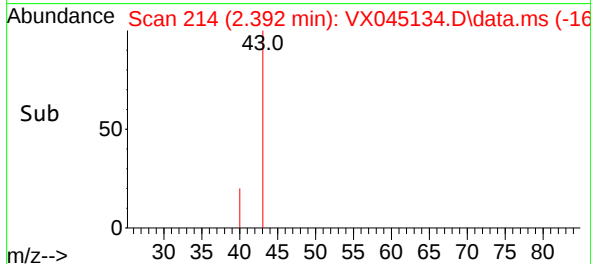
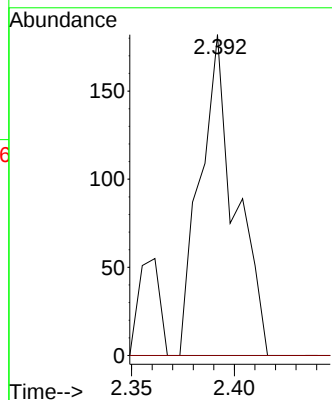
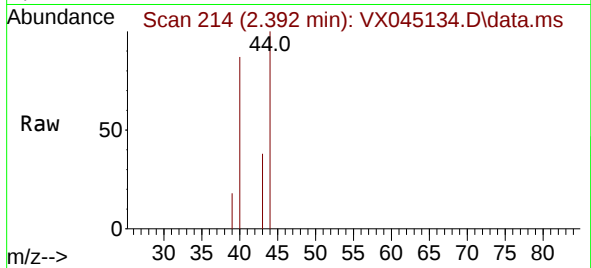




#16
Acetone
Concen: 0.435 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

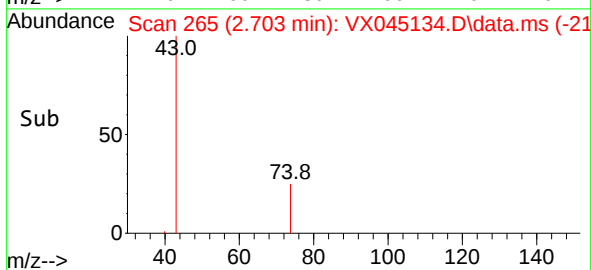
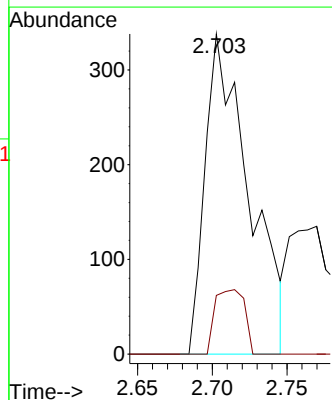
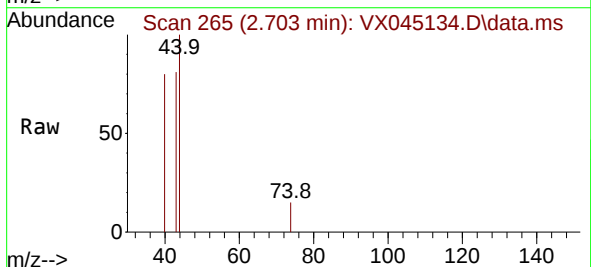
Instrument :
MSVOA_X
ClientSampleId :
IBLK

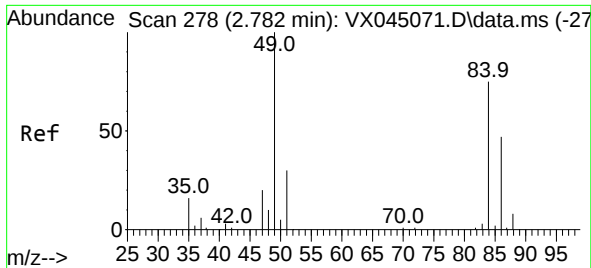
Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#18
Methyl Acetate
Concen: 0.574 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
74 13.5 17.4 26.2#

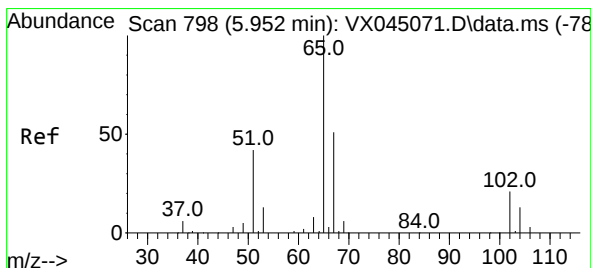
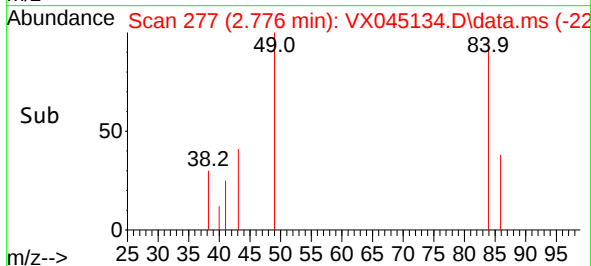
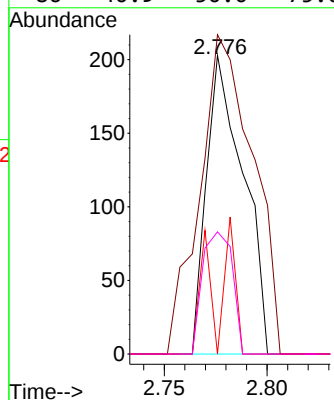
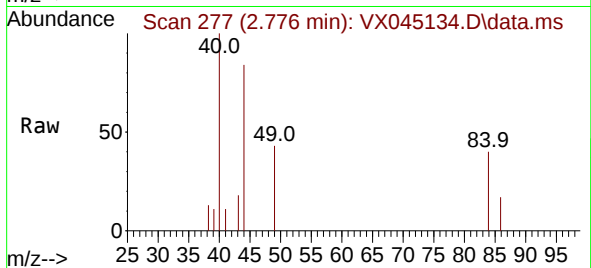




#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

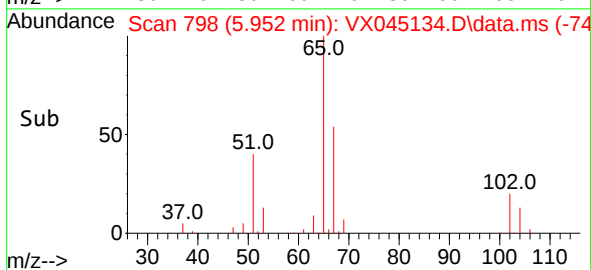
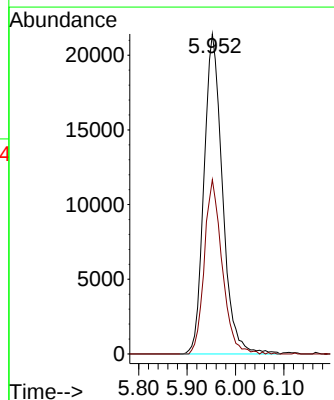
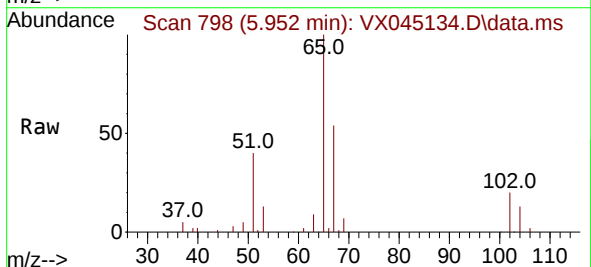
Instrument :
MSVOA_X
ClientSampleId :
IBLK

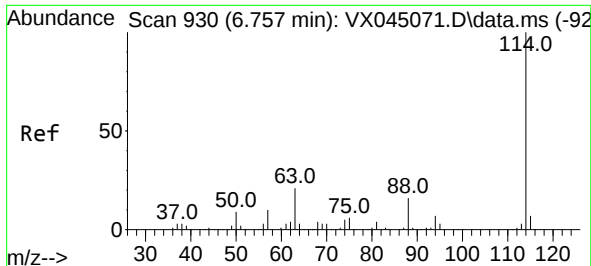
Tgt Ion: 84	Resp: 253
Ion Ratio	Lower Upper
84 100	
49 106.9	106.5 159.7
51 0.0	32.1 48.1#
86 40.9	50.0 75.0#



#33
1,2-Dichloroethane-d4
Concen: 52.871 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

Tgt Ion: 65	Resp: 56875
Ion Ratio	Lower Upper
65 100	
67 52.4	0.0 106.2

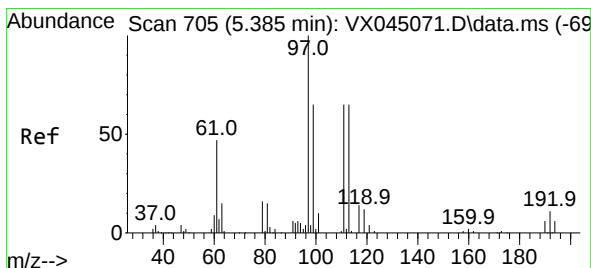
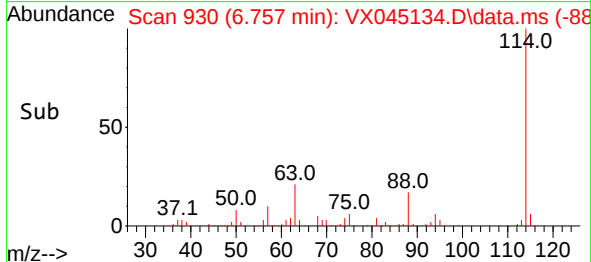
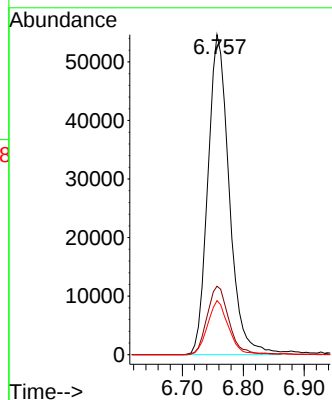
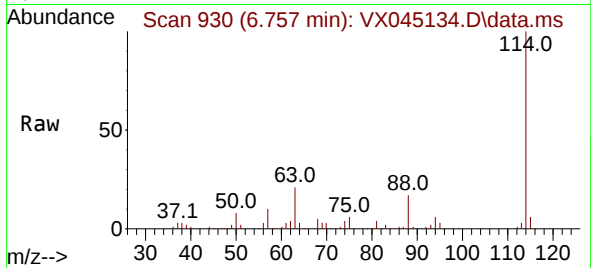




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

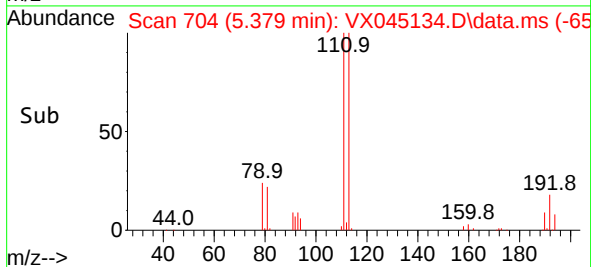
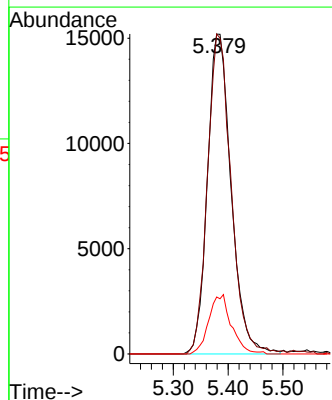
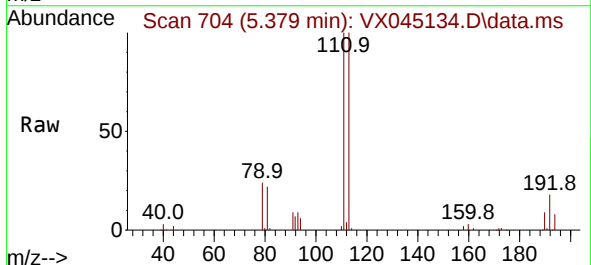
Instrument :
MSVOA_X
ClientSampleId :
IBLK

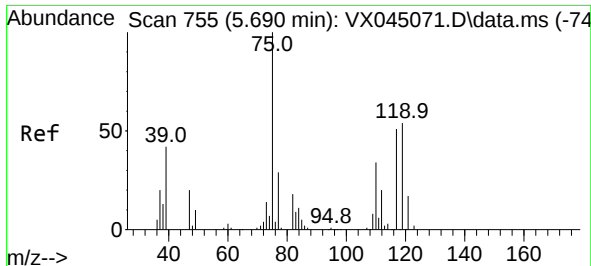
Tgt Ion:114 Resp: 133109
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.247 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

Tgt Ion:113 Resp: 45613
Ion Ratio Lower Upper
113 100
111 99.7 81.8 122.6
192 17.8 14.3 21.5

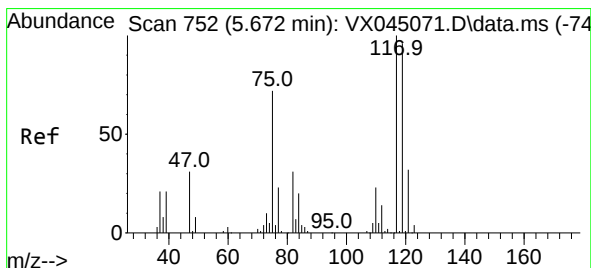
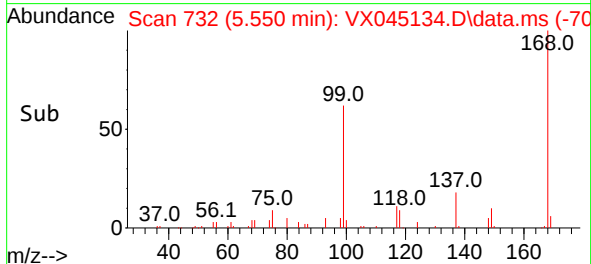
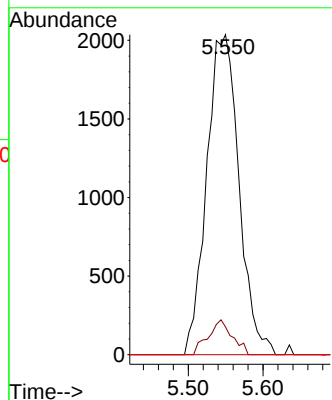
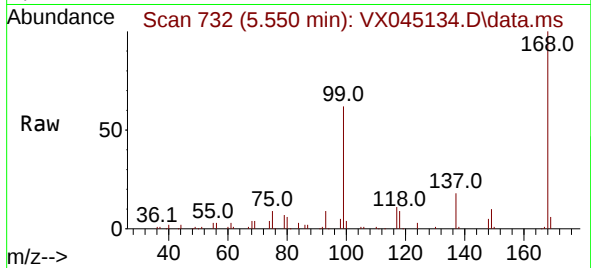




#36
1,1-Dichloropropene
Concen: 5.015 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

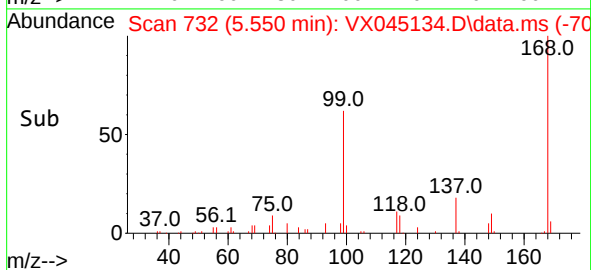
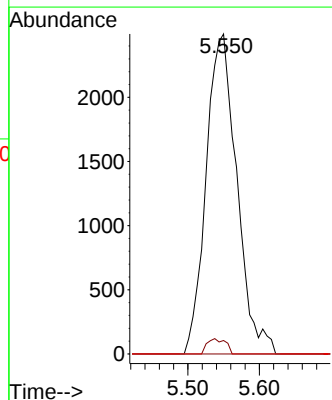
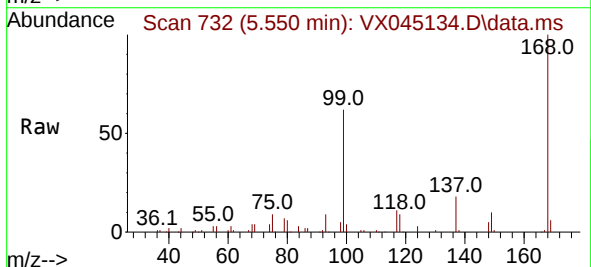
Instrument :
MSVOA_X
ClientSampleId :
IBLK

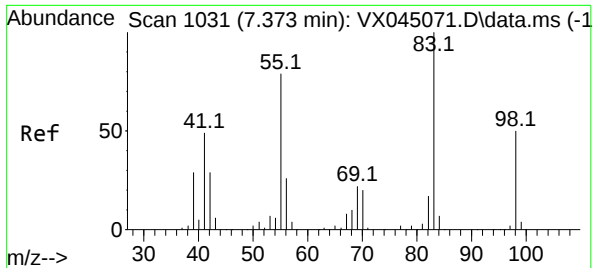
Tgt Ion: 75 Resp: 6122
Ion Ratio Lower Upper
75 100
110 8.1 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.002 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

Tgt Ion: 117 Resp: 7438
Ion Ratio Lower Upper
117 100
119 4.2 76.7 115.1#
121 0.0 25.5 38.3#

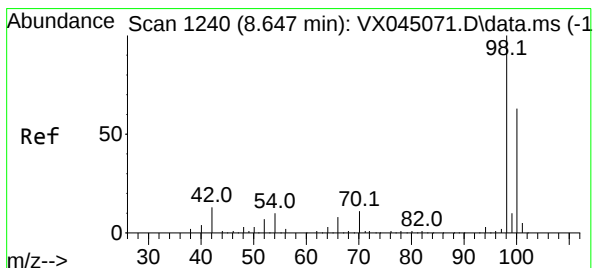
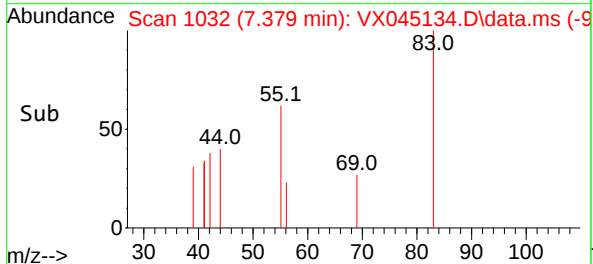
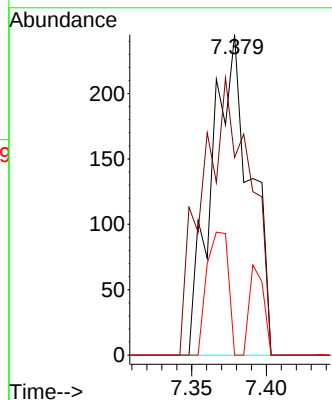
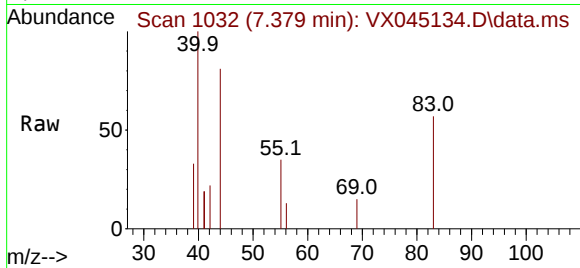




#39
Methylcyclohexane
Concen: 0.302 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

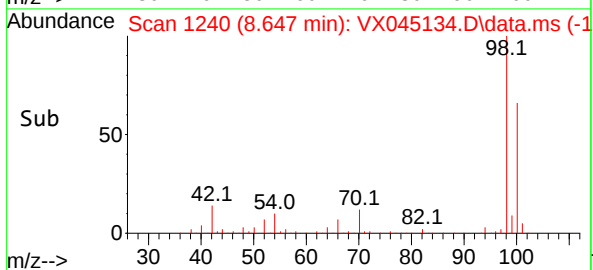
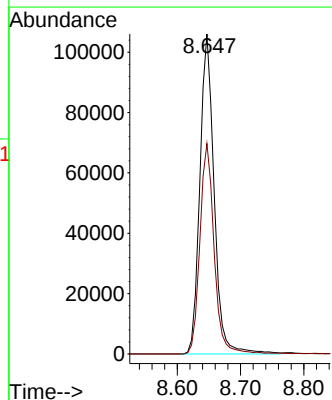
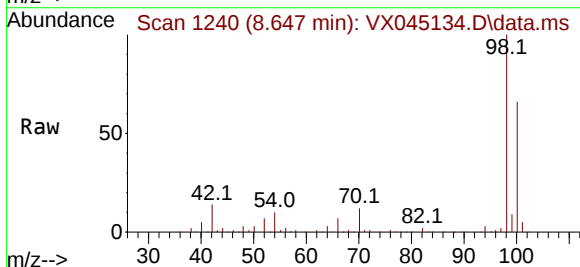
Instrument :
MSVOA_X
ClientSampleId :
IBLK

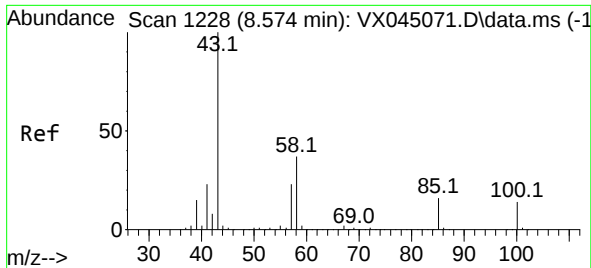
Tgt Ion: 83 Resp: 442
Ion Ratio Lower Upper
83 100
55 61.6 63.0 94.4#
98 0.0 39.7 59.5#



#50
Toluene-d8
Concen: 51.750 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

Tgt Ion: 98 Resp: 166987
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

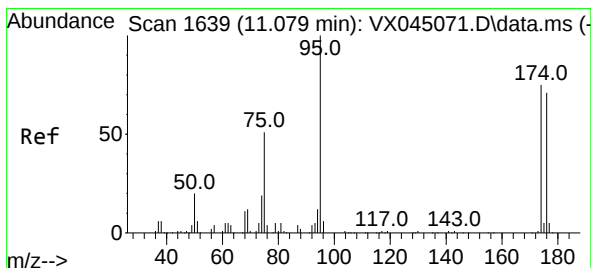
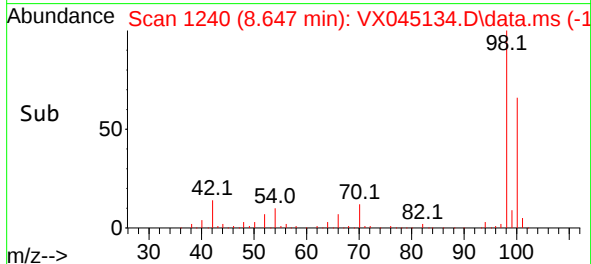
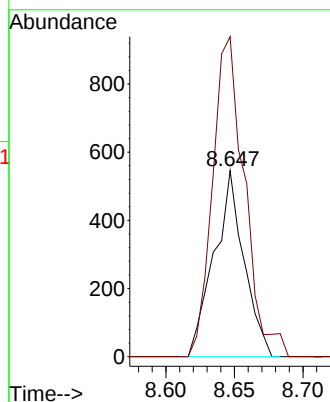
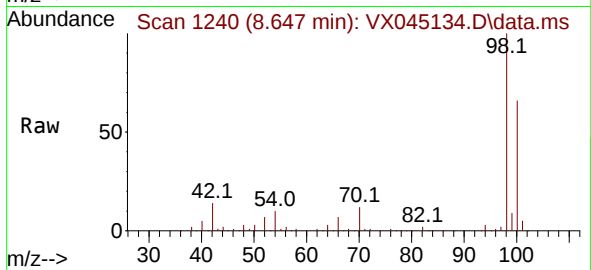




#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

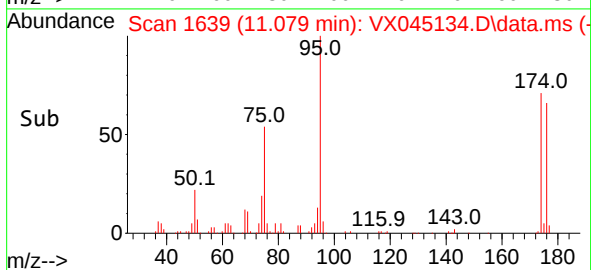
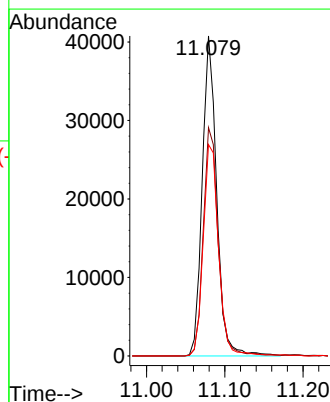
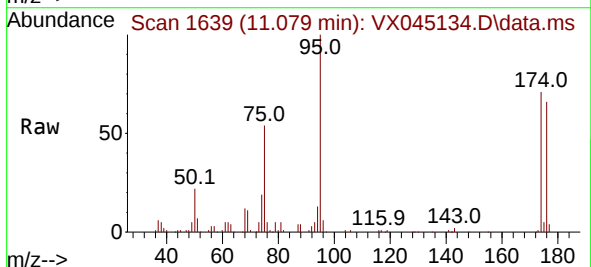
Instrument :
MSVOA_X
ClientSampleId :
IBLK

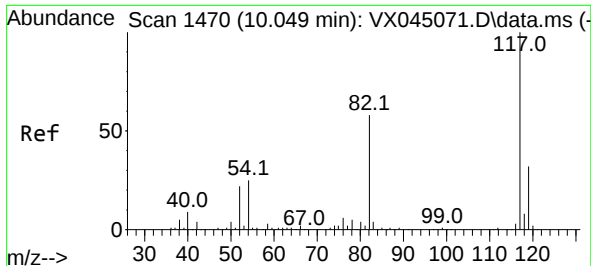
Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 183.8 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 48.891 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

Tgt Ion: 95 Resp: 52277
Ion Ratio Lower Upper
95 100
174 73.8 0.0 148.2
176 70.3 0.0 141.4

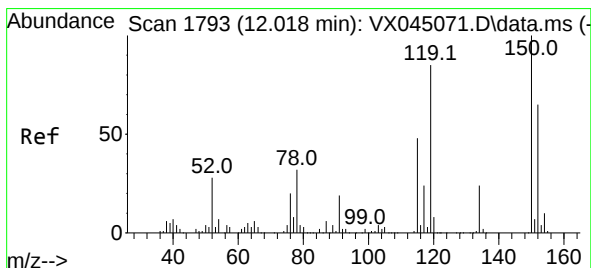
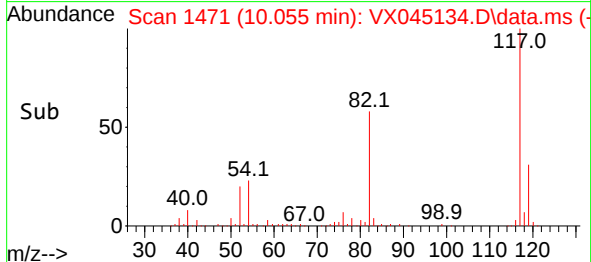
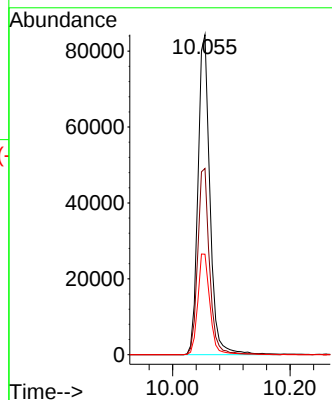
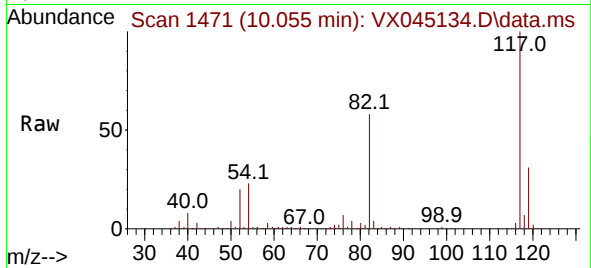




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

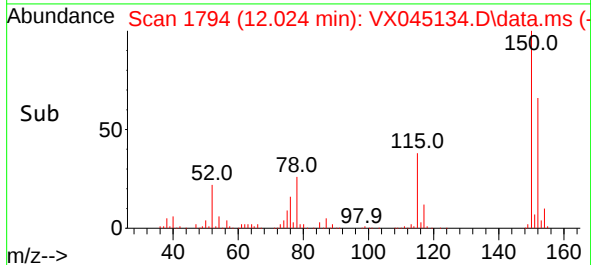
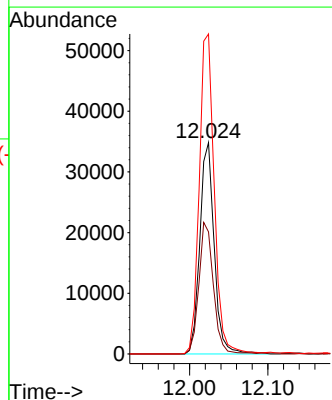
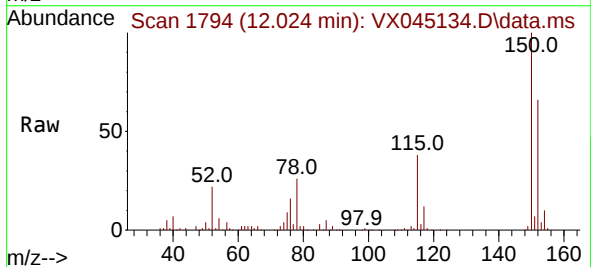
Instrument :
MSVOA_X
ClientSampleId :
IBLK

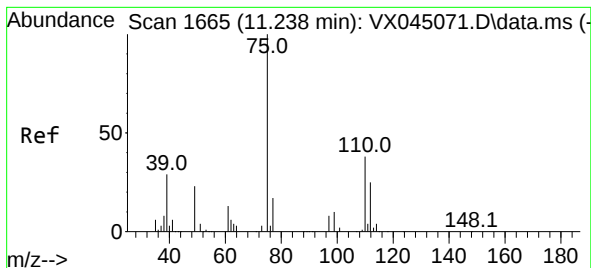
Tgt Ion:117 Resp: 119419
Ion Ratio Lower Upper
117 100
82 58.2 46.3 69.5
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045134.D
Acq: 05 Mar 2025 12:03

Tgt Ion:152 Resp: 44724
Ion Ratio Lower Upper
152 100
115 62.8 44.2 132.6
150 157.2 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 26.430 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045134.D

Acq: 05 Mar 2025 12:03

Instrument :

MSVOA_X

ClientSampleId :

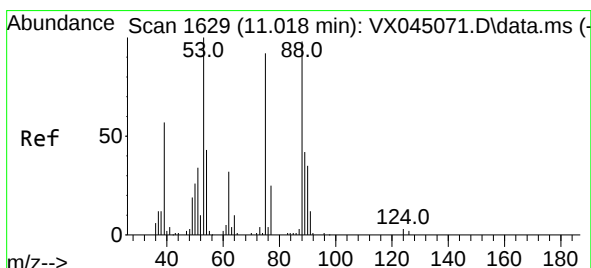
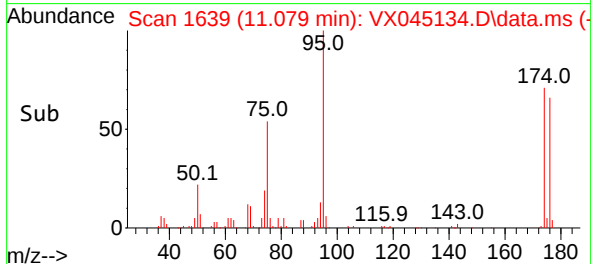
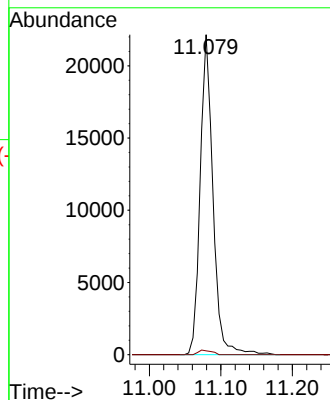
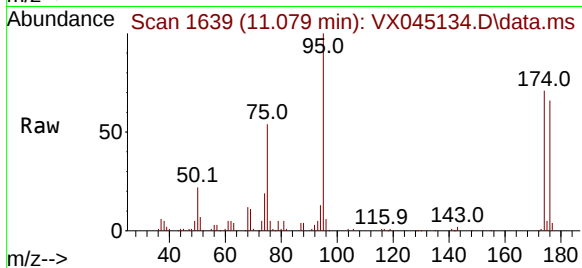
IBLK

Tgt Ion: 75 Resp: 27512

Ion Ratio Lower Upper

75 100

77 1.5 20.7 62.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.447 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045134.D

Acq: 05 Mar 2025 12:03

Tgt Ion: 75 Resp: 27512

Ion Ratio Lower Upper

75 100

53 0.0 88.5 132.7#

89 0.0 36.2 54.4#

