

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045142.D
 Acq On : 05 Mar 2025 15:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 06 01:07:37 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)

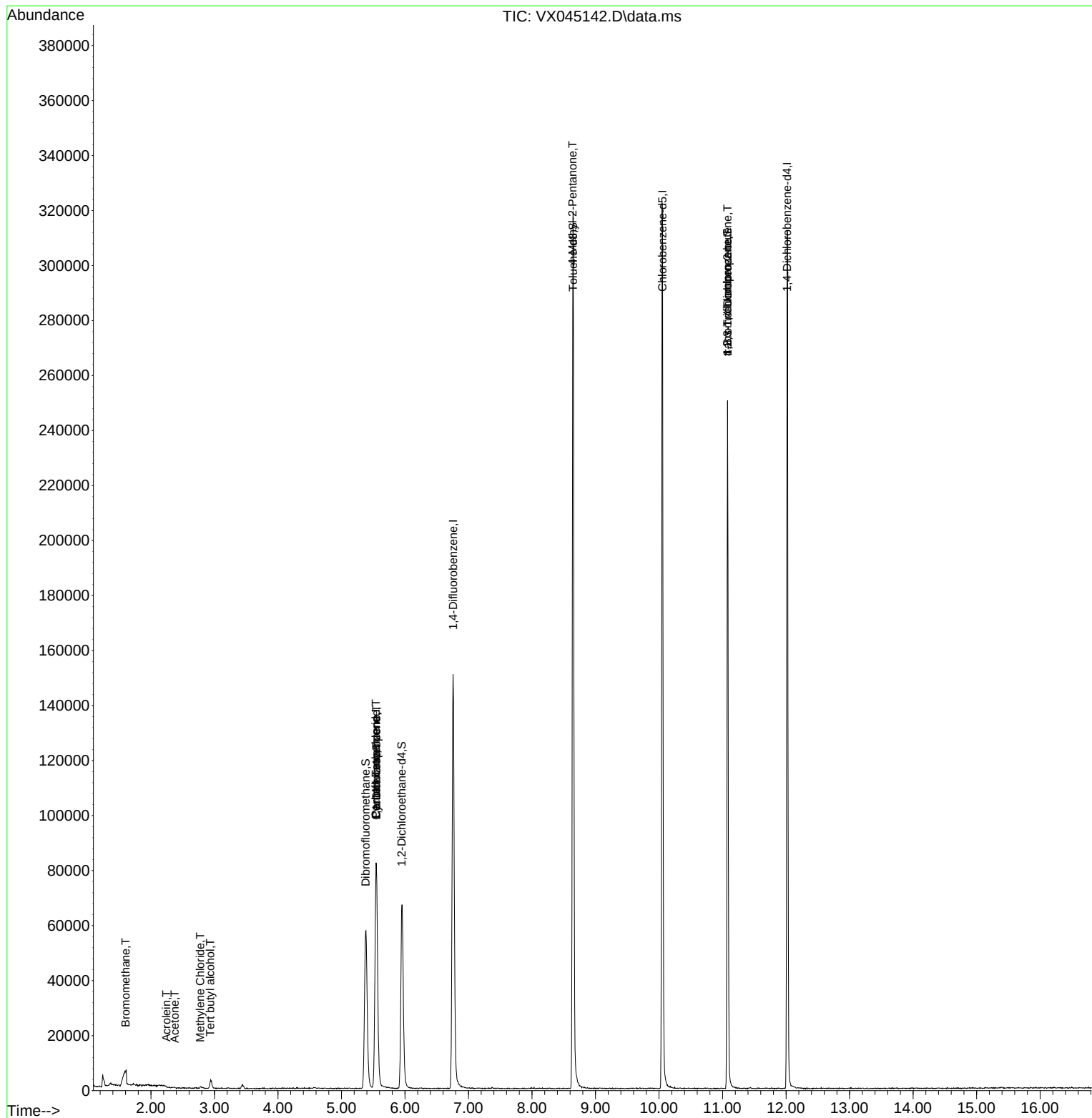
Internal Standards						
1) Pentafluorobenzene	5.544	168	76983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	65166	53.217	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.440%	
35) Dibromofluoromethane	5.379	113	51358	50.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.660%	
50) Toluene-d8	8.647	98	190954	52.127	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	11.079	95	66039	54.403	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.800%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	103	0.223	ug/l #	50
11) Tert butyl alcohol	2.934	59	1811	7.808	ug/l #	73
13) Acrolein	2.239	56	55	0.205	ug/l #	62
16) Acetone	2.373	43	179	0.315	ug/l #	10
20) Methylene Chloride	2.776	84	266	0.236	ug/l #	74
31) Cyclohexane	5.550	56	2017	1.211	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6975	5.033	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8678	6.168	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	953	0.538	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35531	25.187	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35531	86.194	ug/l #	6

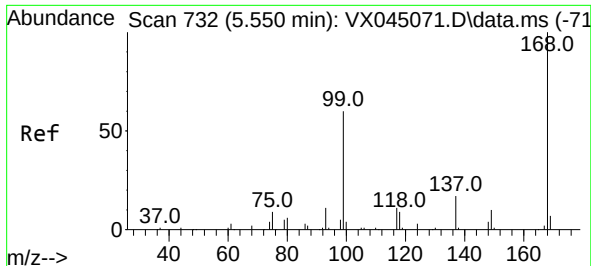
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
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IBLK

Quant Time: Mar 06 01:07:37 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

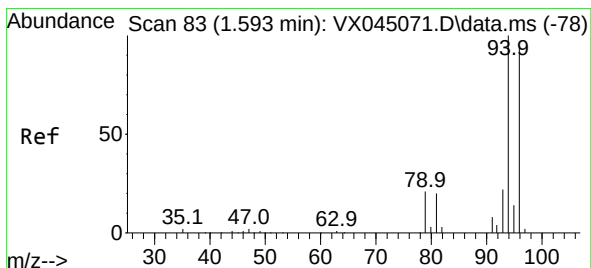
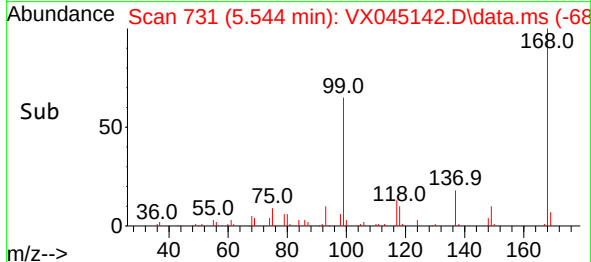
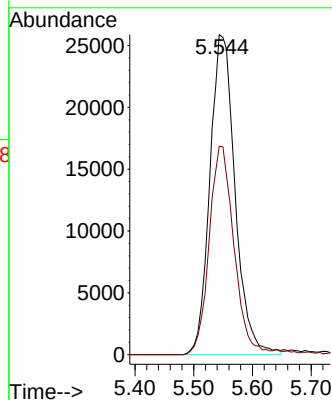
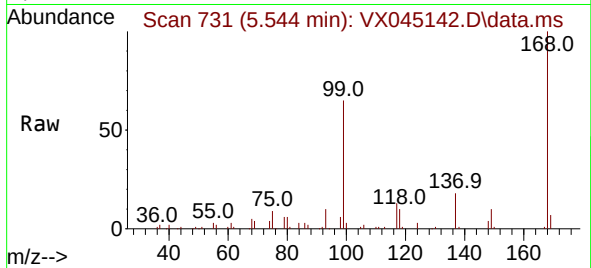




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

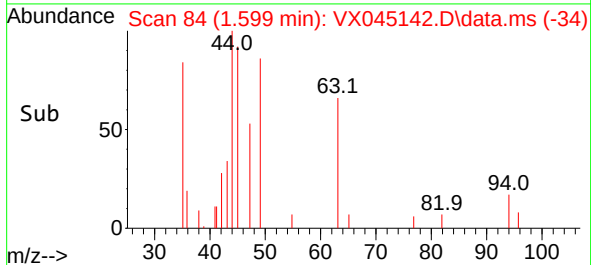
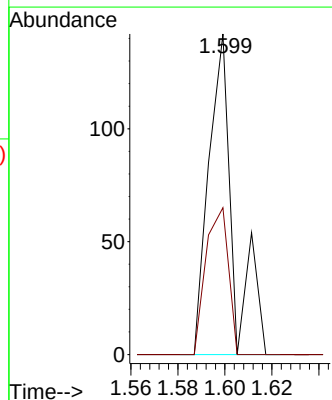
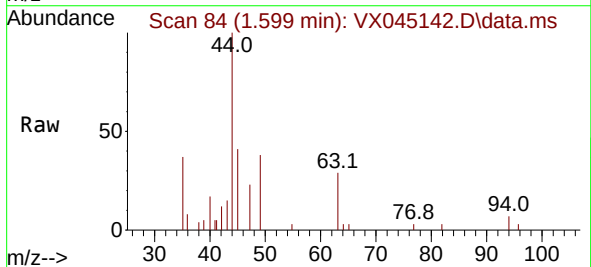
Instrument :
MSVOA_X
ClientSampleId :
IBLK

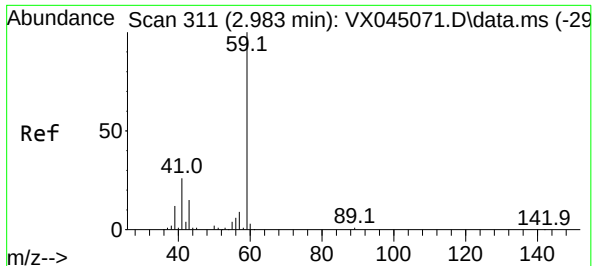
Tgt Ion:168 Resp: 76983
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#5
Bromomethane
Concen: 0.223 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

Tgt Ion: 94 Resp: 103
Ion Ratio Lower Upper
94 100
96 45.8 75.0 112.4#





#11

Tert butyl alcohol

Concen: 7.808 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX045142.D

Acq: 05 Mar 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

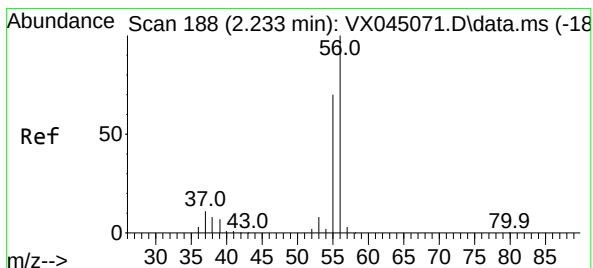
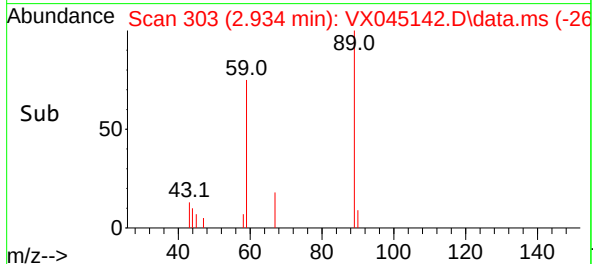
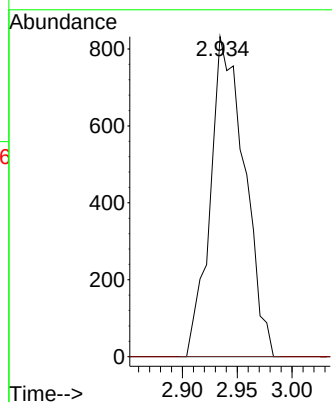
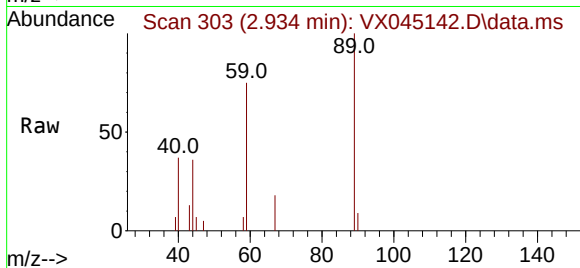
IBLK

Tgt Ion: 59 Resp: 1811

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: 0.205 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX045142.D

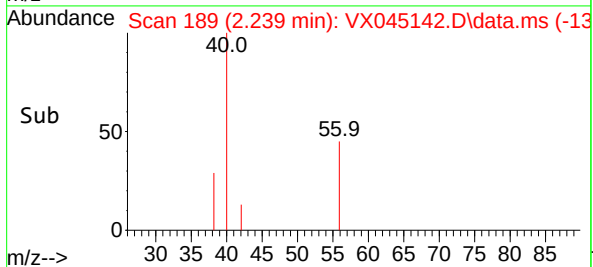
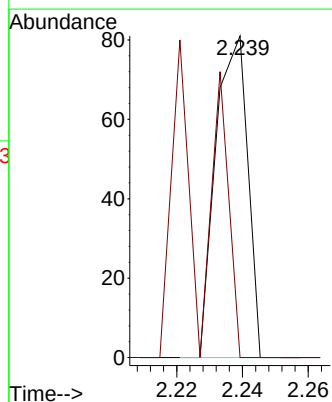
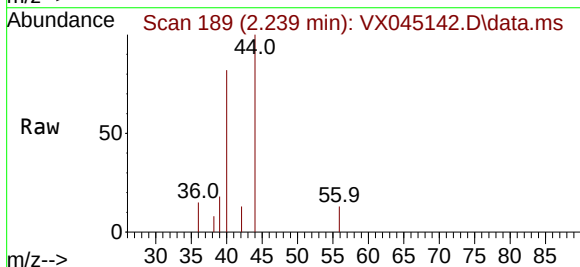
Acq: 05 Mar 2025 15:09

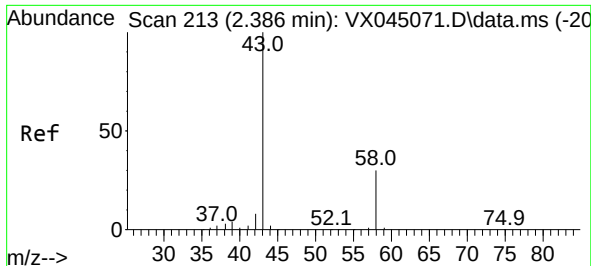
Tgt Ion: 56 Resp: 55

Ion Ratio Lower Upper

56 100

55 101.8 56.2 84.4#





#16

Acetone

Concen: 0.315 ug/l

RT: 2.373 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX045142.D

Acq: 05 Mar 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

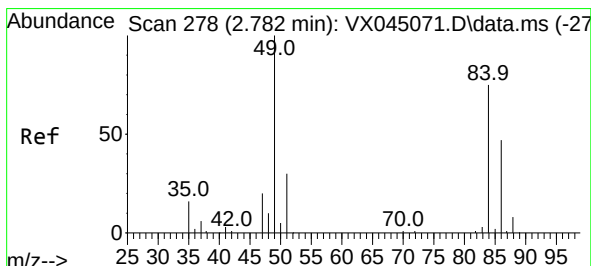
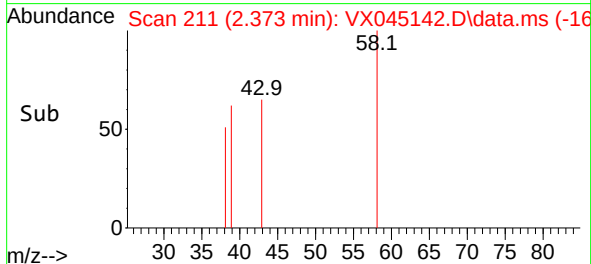
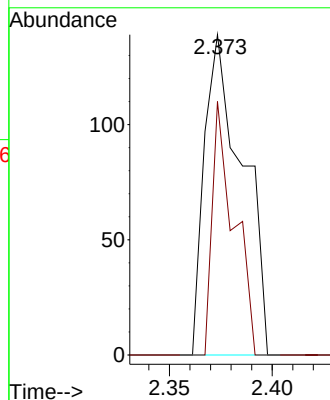
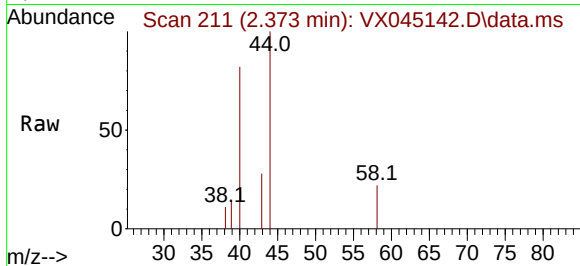
IBLK

Tgt Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

58 79.1 24.2 36.4#



#20

Methylene Chloride

Concen: 0.236 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.006 min

Lab File: VX045142.D

Acq: 05 Mar 2025 15:09

Tgt Ion: 84 Resp: 266

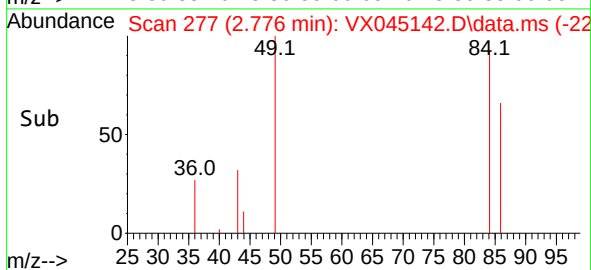
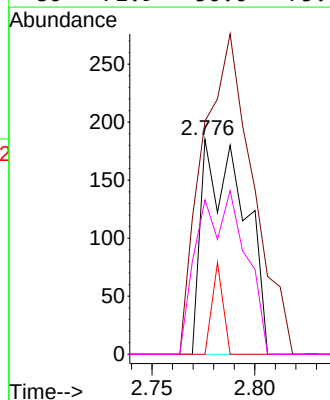
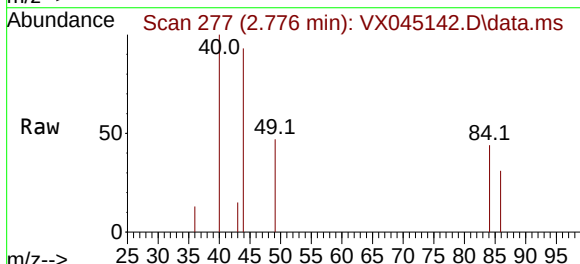
Ion Ratio Lower Upper

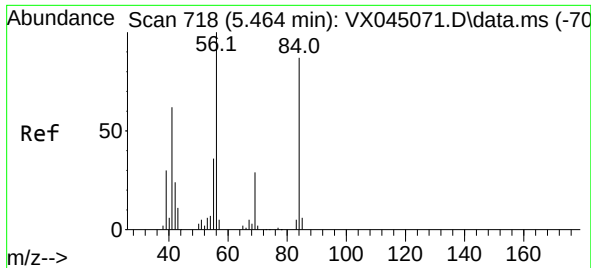
84 100

49 108.6 106.5 159.7

51 0.0 32.1 48.1#

86 71.9 50.0 75.0

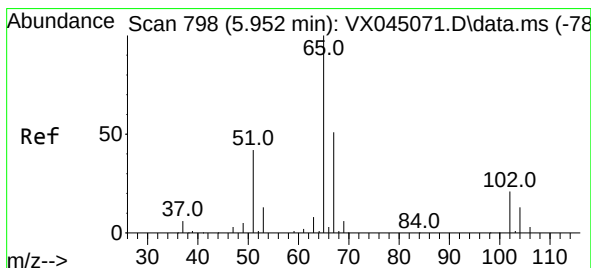
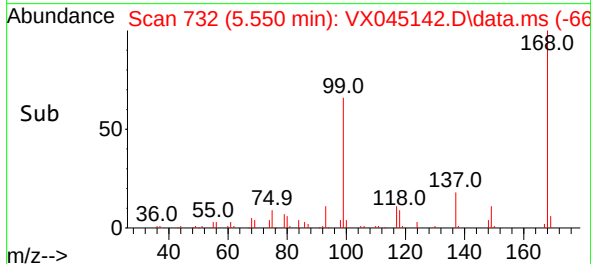
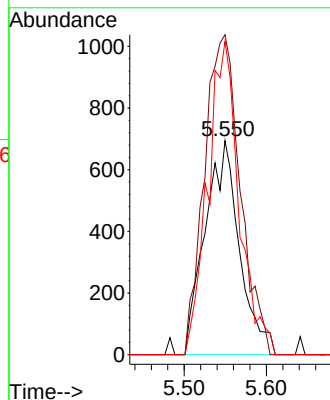
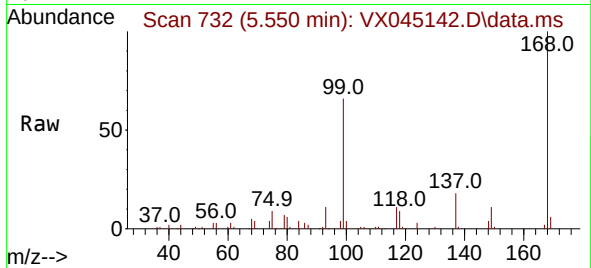




#31
Cyclohexane
Concen: 1.211 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

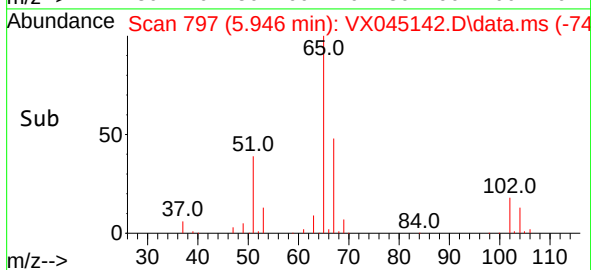
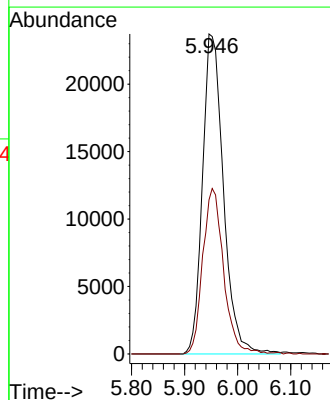
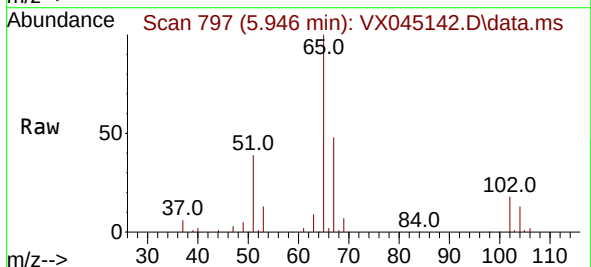
Instrument :
MSVOA_X
ClientSampleId :
IBLK

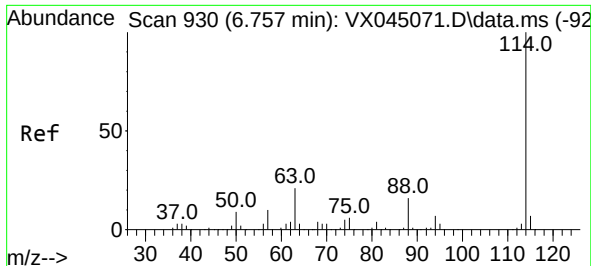
Tgt Ion: 56 Resp: 2017
Ion Ratio Lower Upper
56 100
69 149.6 23.4 35.2#
84 146.4 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 53.217 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

Tgt Ion: 65 Resp: 65166
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.2

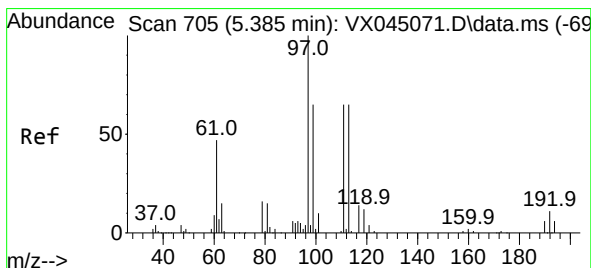
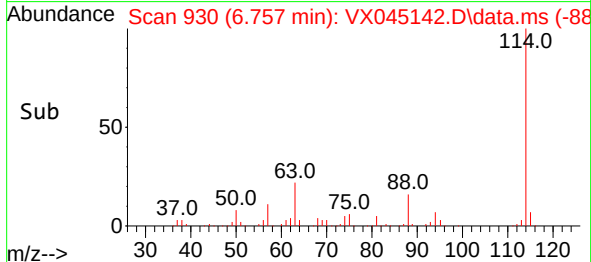
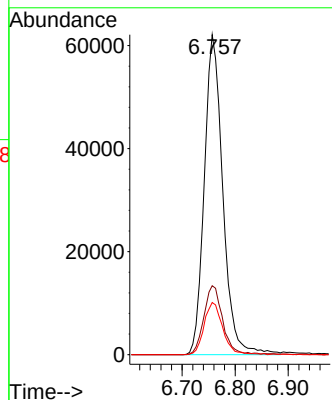
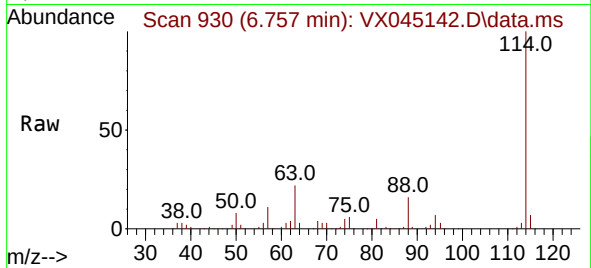




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045142.D
 Acq: 05 Mar 2025 15:09

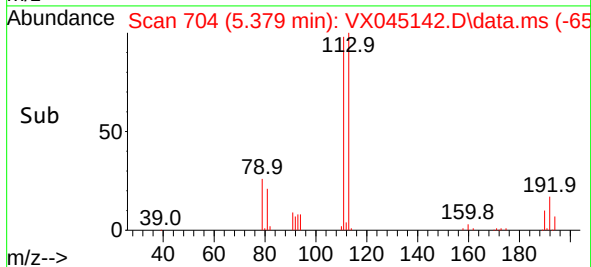
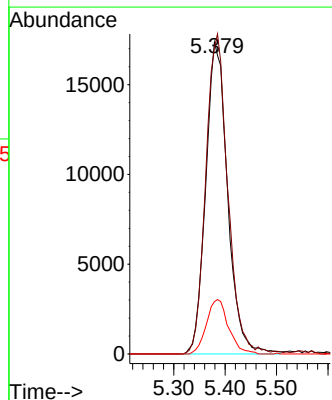
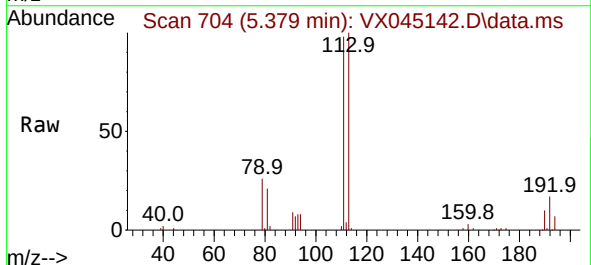
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

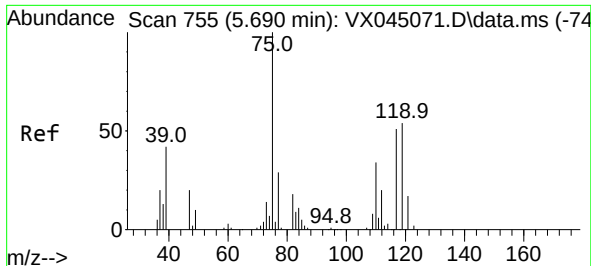
Tgt Ion:114 Resp: 151112
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 16.3 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 50.827 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX045142.D
 Acq: 05 Mar 2025 15:09

Tgt Ion:113 Resp: 51358
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.6
 192 17.5 14.3 21.5

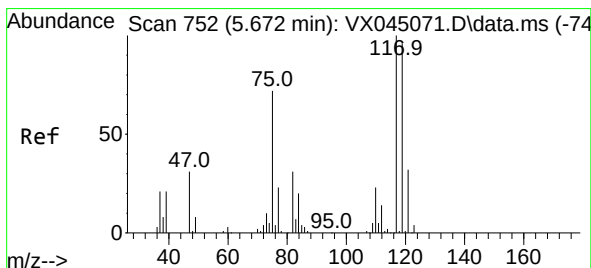
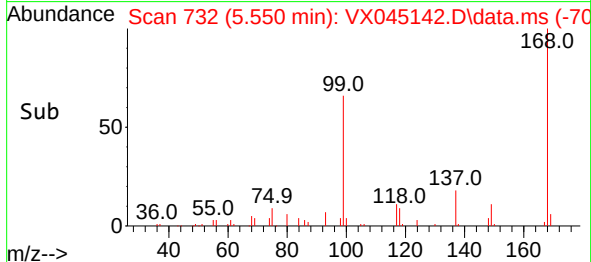
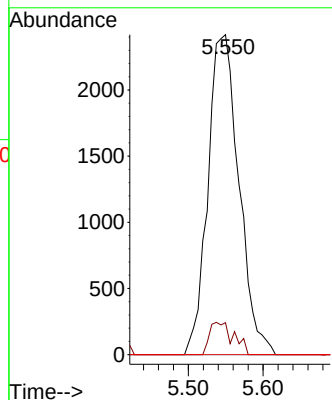
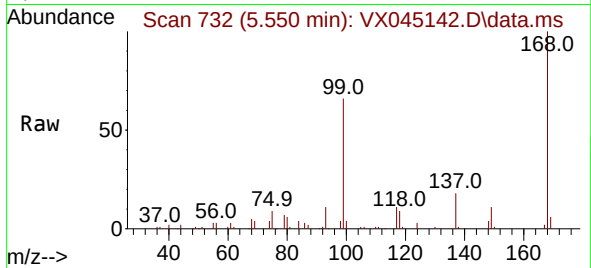




#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

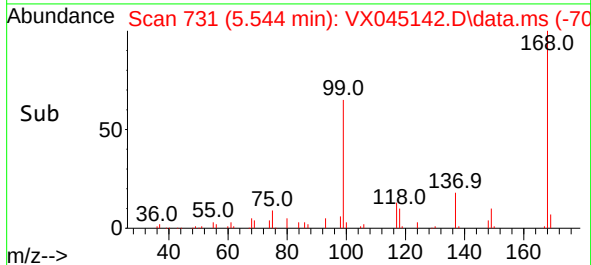
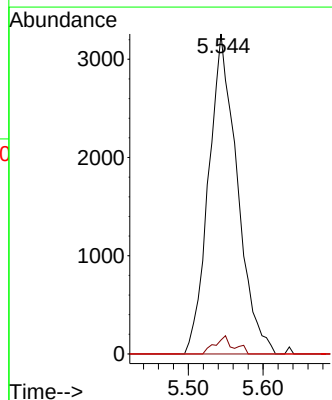
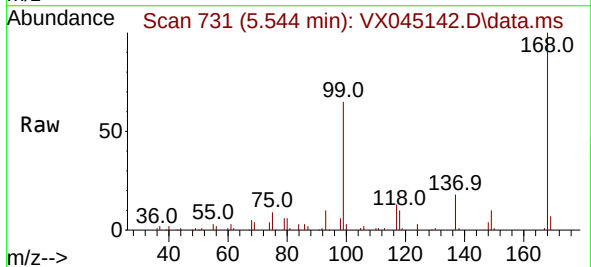
Instrument :
MSVOA_X
ClientSampleId :
IBLK

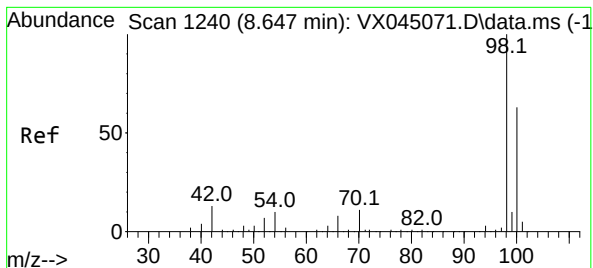
Tgt Ion: 75 Resp: 6975
Ion Ratio Lower Upper
75 100
110 7.8 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.168 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

Tgt Ion: 117 Resp: 8678
Ion Ratio Lower Upper
117 100
119 4.3 76.7 115.1#
121 0.0 25.5 38.3#





#50

Toluene-d8

Concen: 52.127 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045142.D

Acq: 05 Mar 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

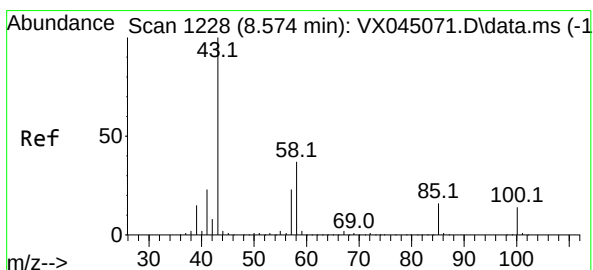
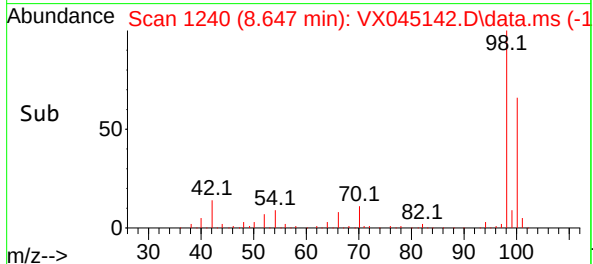
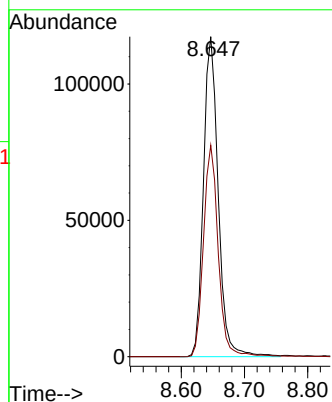
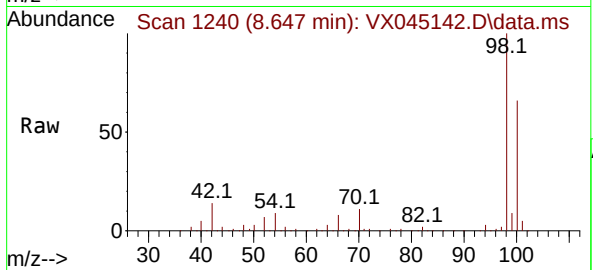
IBLK

Tgt Ion: 98 Resp: 190954

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.538 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX045142.D

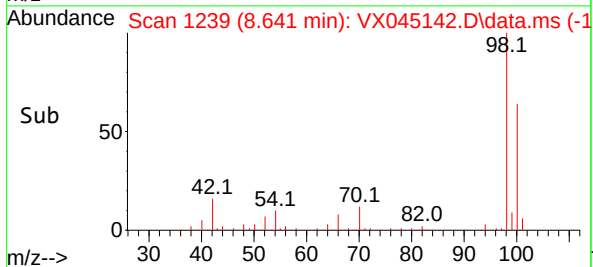
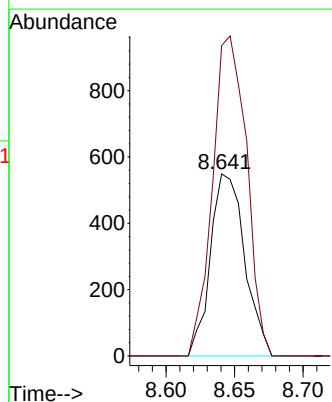
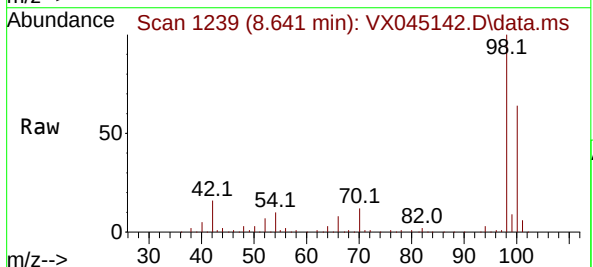
Acq: 05 Mar 2025 15:09

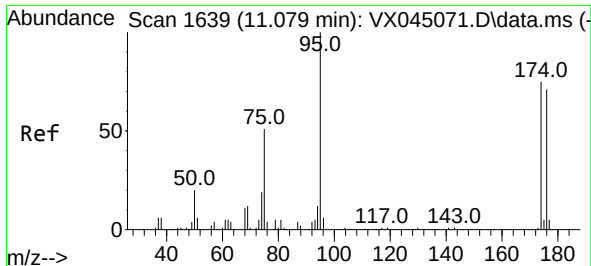
Tgt Ion: 43 Resp: 953

Ion Ratio Lower Upper

43 100

58 175.4 29.2 43.8#

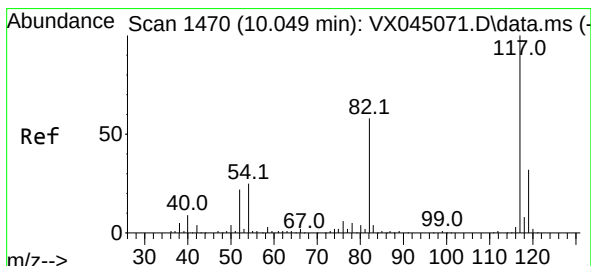
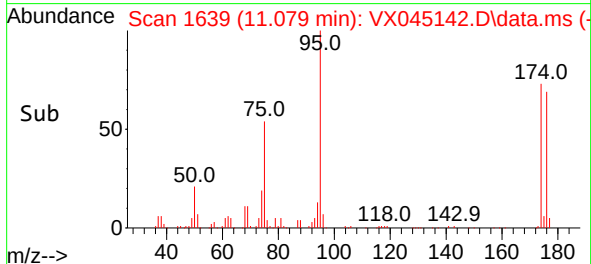
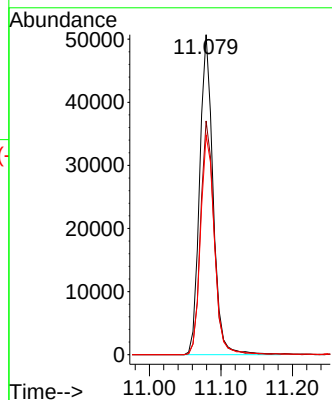
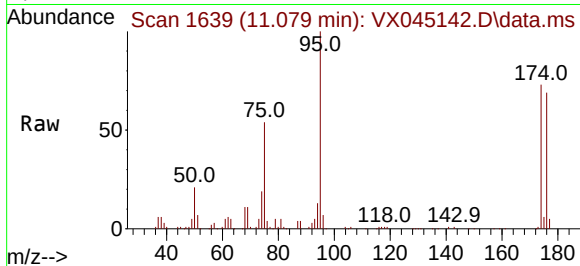




#62
4-Bromofluorobenzene
Concen: 54.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

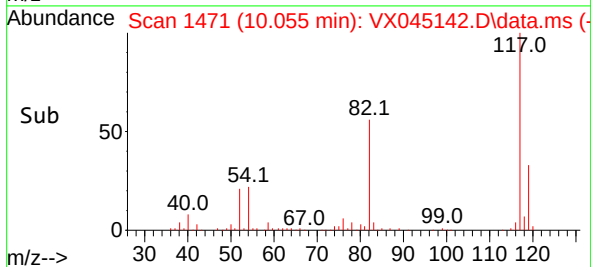
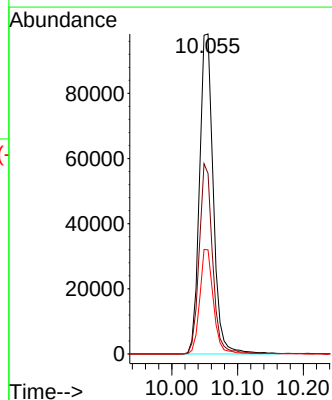
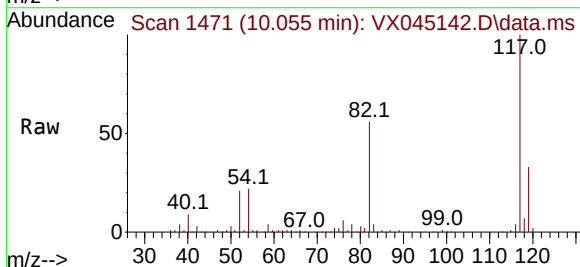
Instrument :
MSVOA_X
ClientSampleId :
IBLK

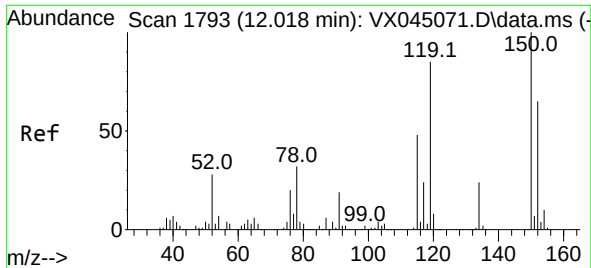
Tgt Ion: 95 Resp: 66039
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.2
176 71.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

Tgt Ion: 117 Resp: 143212
Ion Ratio Lower Upper
117 100
82 56.4 46.3 69.5
119 32.6 25.7 38.5

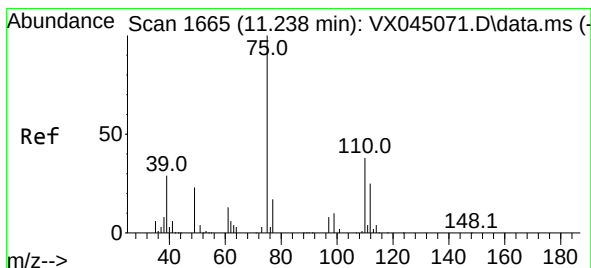
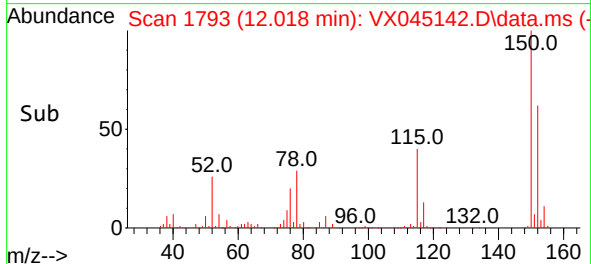
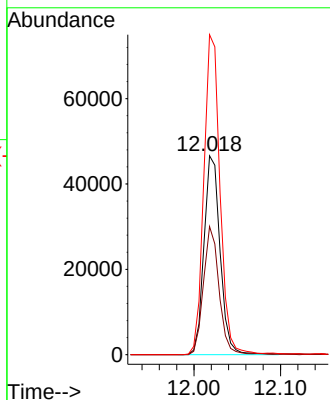
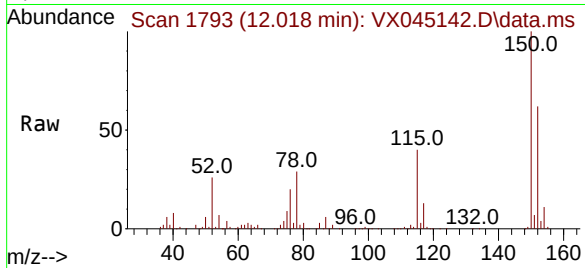




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

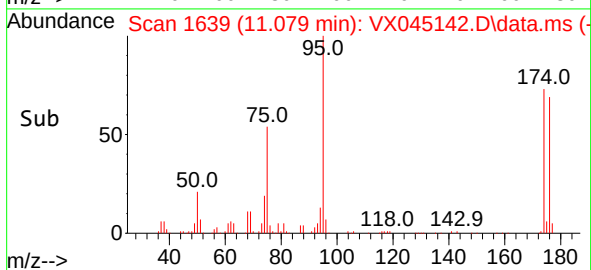
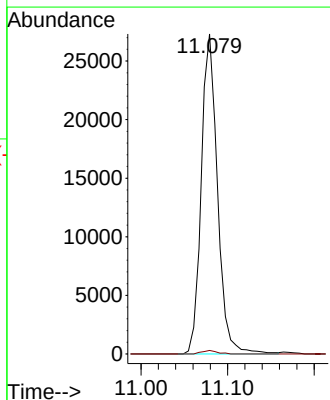
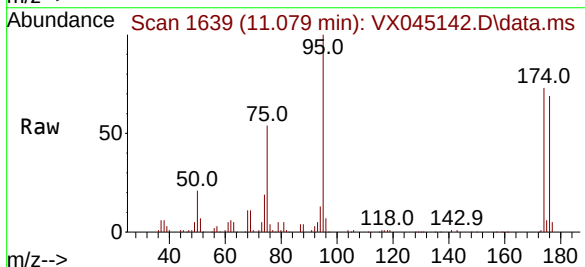
Instrument :
MSVOA_X
ClientSampleId :
IBLK

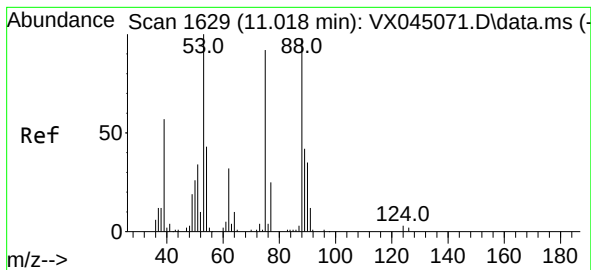
Tgt Ion:152 Resp: 60610
Ion Ratio Lower Upper
152 100
115 62.4 44.2 132.6
150 160.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.187 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

Tgt Ion: 75 Resp: 35531
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.194 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045142.D
 Acq: 05 Mar 2025 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 35531
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

