

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046099.D
 Acq On : 08 May 2025 18:23
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 09 01:59:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

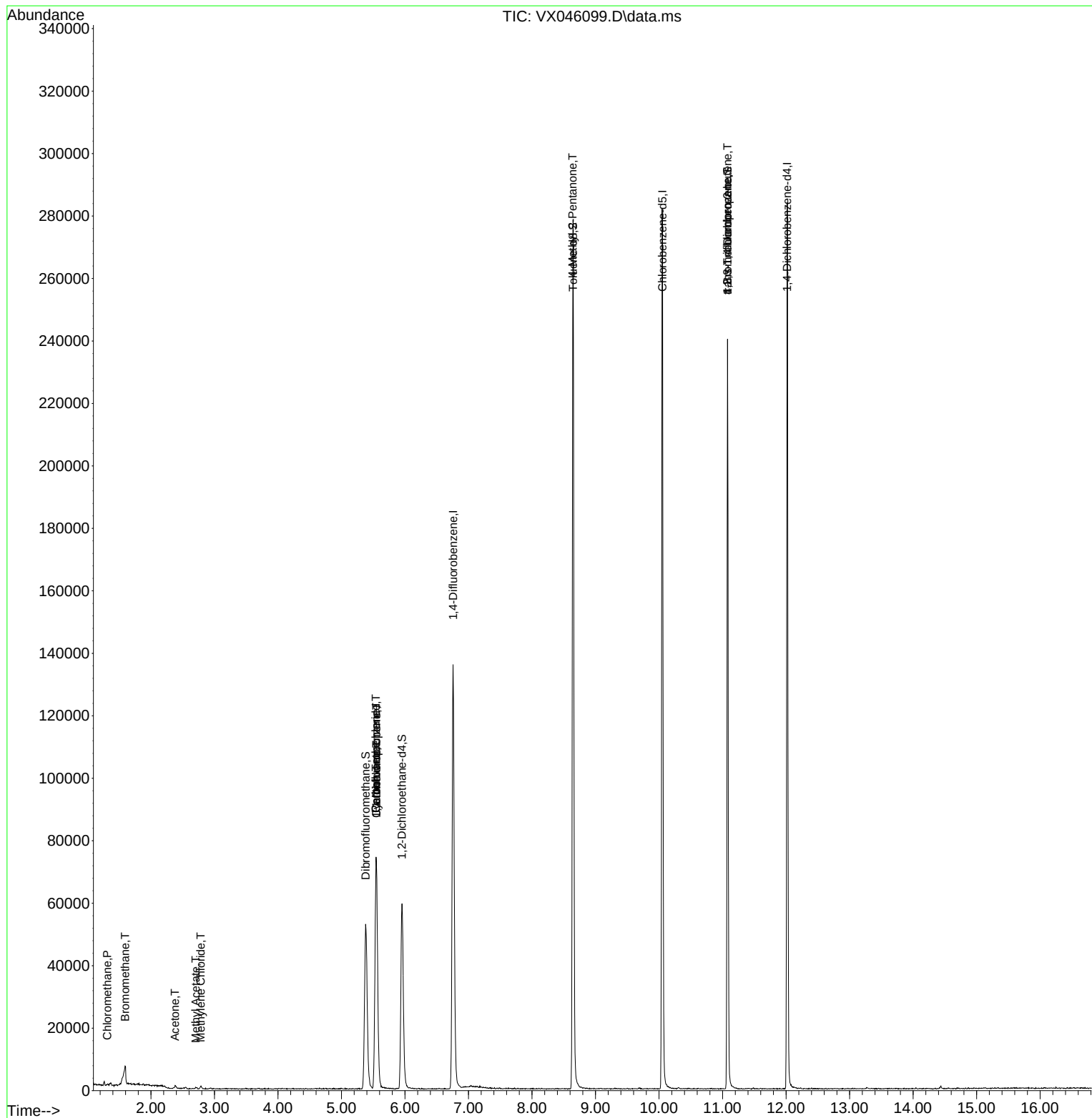
Internal Standards						
1) Pentafluorobenzene	5.544	168	63388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62575	52.951	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.900%			
35) Dibromofluoromethane	5.379	113	46070	50.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.560%			
50) Toluene-d8	8.647	98	159865	50.407	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.820%			
62) 4-Bromofluorobenzene	11.079	95	62353	51.254	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.500%			
Target Compounds			Qvalue			
3) Chloromethane	1.313	50	596	0.633	ug/l #	37
5) Bromomethane	1.593	94	94	0.231	ug/l #	4
16) Acetone	2.380	43	1052	2.220	ug/l	94
18) Methyl Acetate	2.703	43	671	0.610	ug/l #	78
20) Methylene Chloride	2.782	84	362	0.399	ug/l #	77
31) Cyclohexane	5.550	56	1765	1.253	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	6372	5.176	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7504	5.425	ug/l #	18
51) 4-Methyl-2-Pentanone	8.641	43	1019	0.662	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35306	28.489	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35306	92.752	ug/l #	1

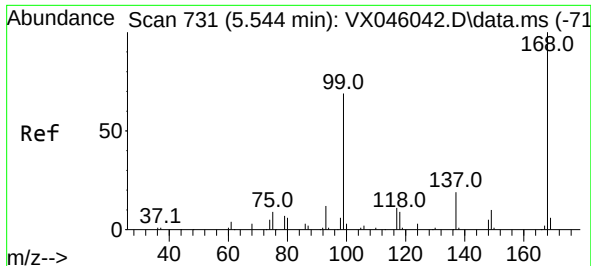
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: May 09 01:59:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

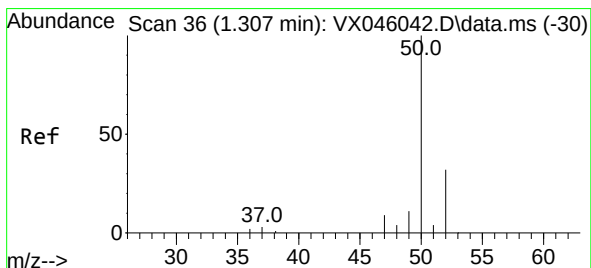
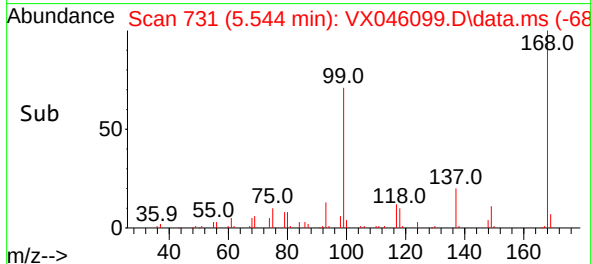
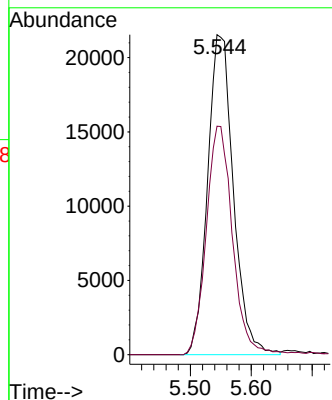
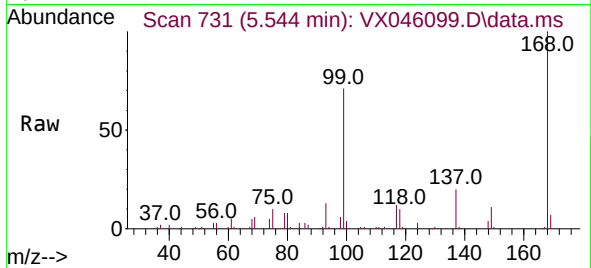




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

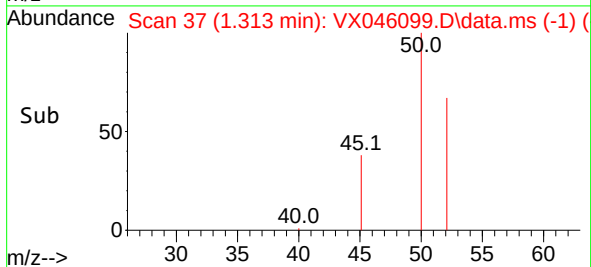
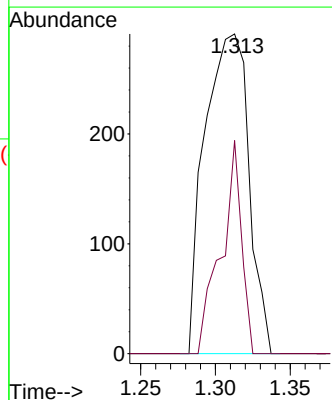
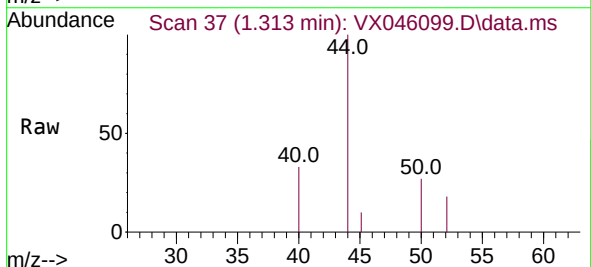
Instrument :
MSVOA_X
ClientSampleId :
IBLK

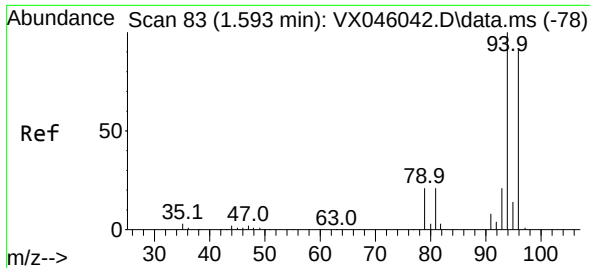
Tgt Ion:168 Resp: 63388
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3



#3
Chloromethane
Concen: 0.633 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

Tgt Ion: 50 Resp: 596
Ion Ratio Lower Upper
50 100
52 66.7 25.4 38.2#

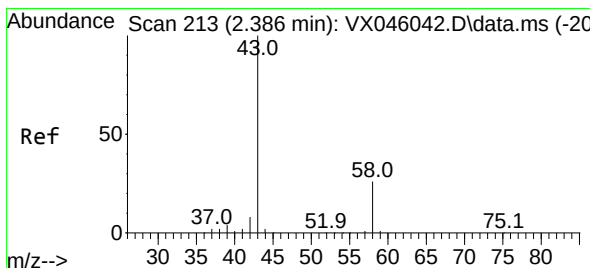
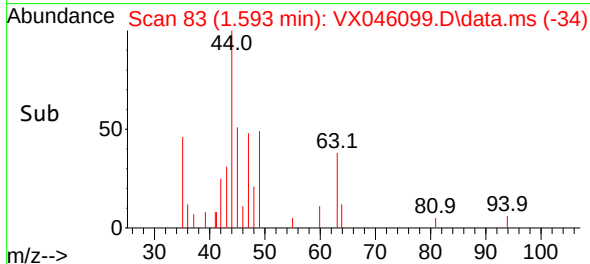
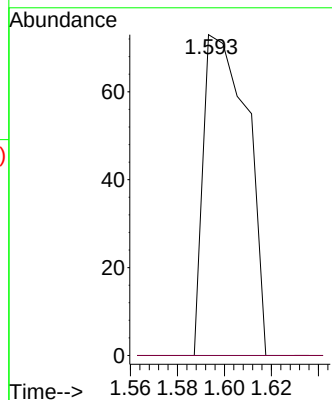
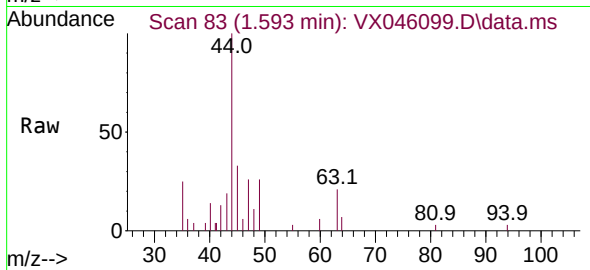




#5
Bromomethane
Concen: 0.231 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

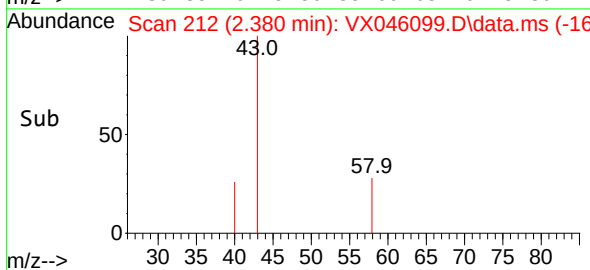
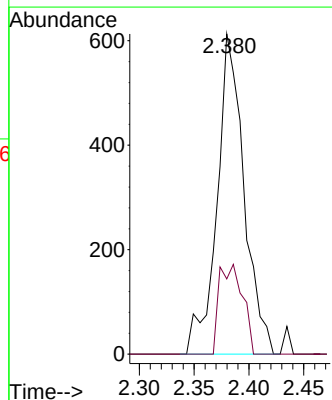
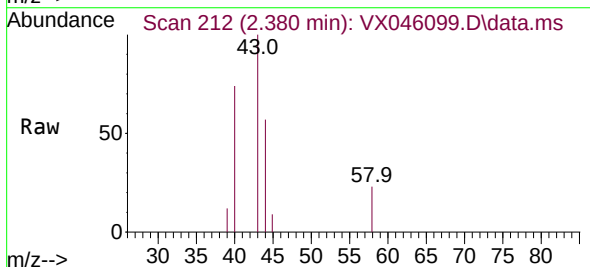
Instrument :
MSVOA_X
ClientSampleId :
IBLK

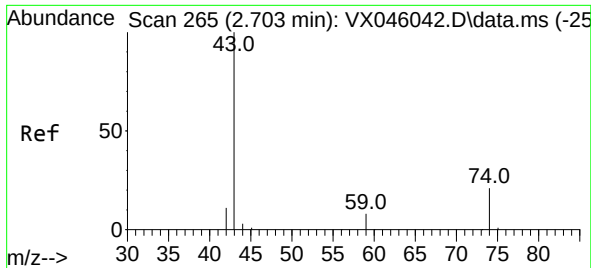
Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#



#16
Acetone
Concen: 2.220 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

Tgt Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
58 23.5 21.2 31.8

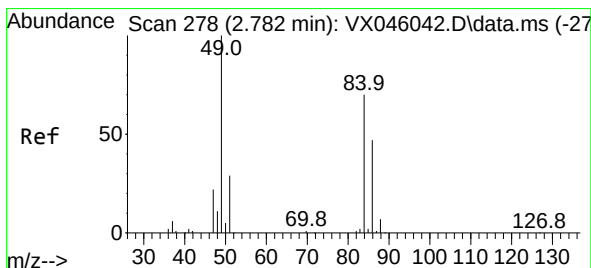
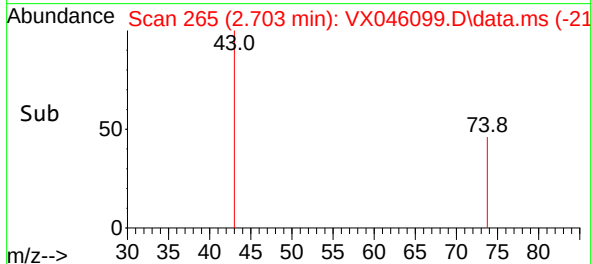
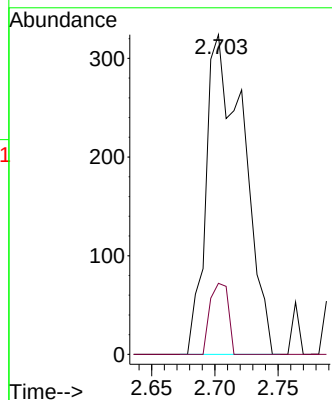
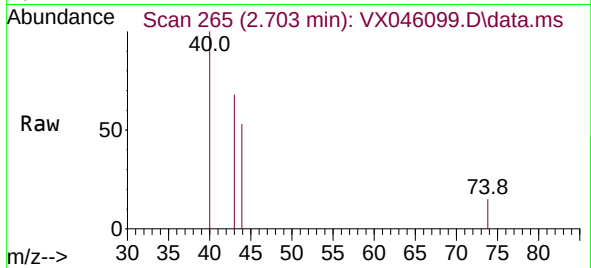




#18
Methyl Acetate
Concen: 0.610 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

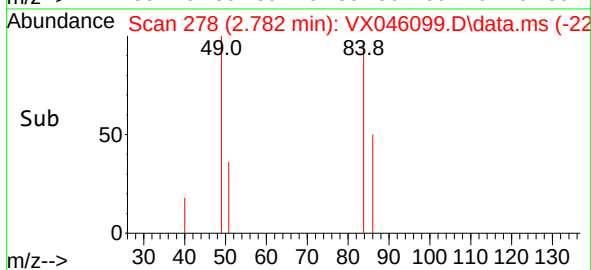
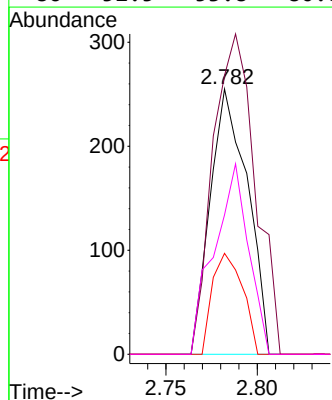
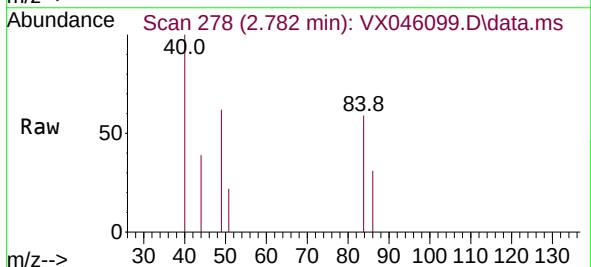
Instrument :
MSVOA_X
ClientSampleId :
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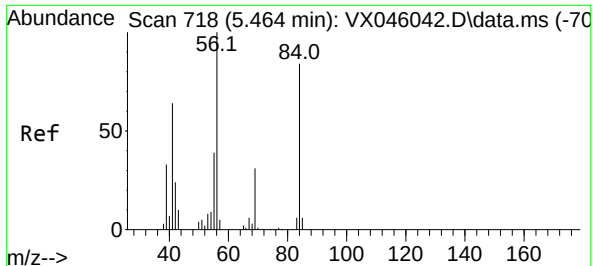
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
74 10.7 16.7 25.1#



#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

Tgt Ion: 84 Resp: 362
Ion Ratio Lower Upper
84 100
49 105.1 113.9 170.9#
51 38.0 33.5 50.3
86 52.5 53.8 80.8#

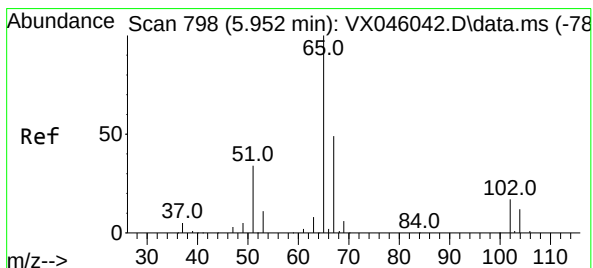
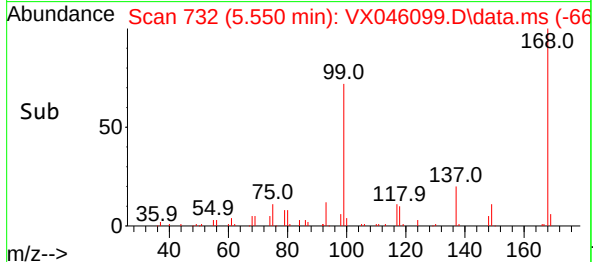
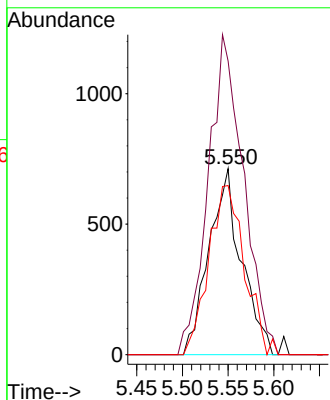
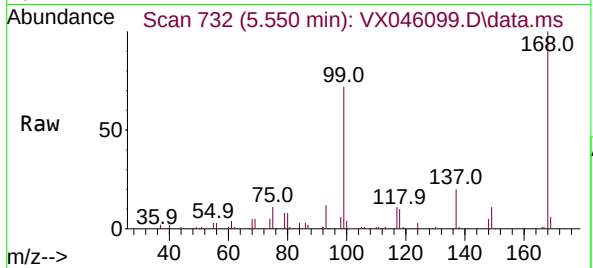




#31
Cyclohexane
Concen: 1.253 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

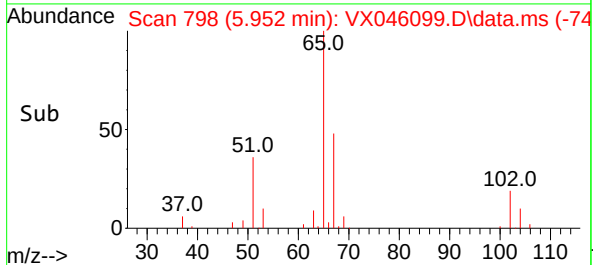
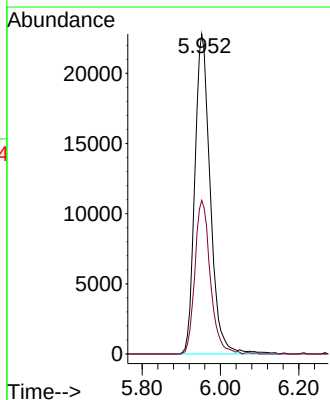
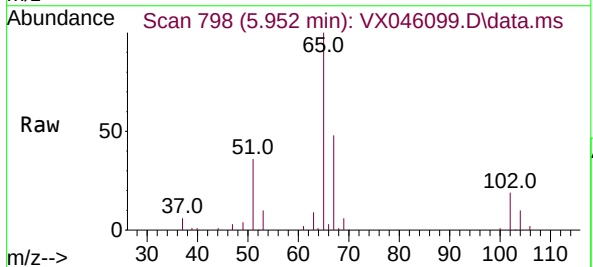
Instrument :
MSVOA_X
ClientSampleId :
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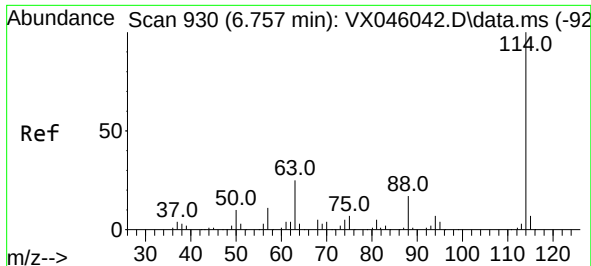
Tgt Ion: 56 Resp: 1765
Ion Ratio Lower Upper
56 100
69 157.8 24.4 36.6#
84 90.9 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 52.951 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

Tgt Ion: 65 Resp: 62575
Ion Ratio Lower Upper
65 100
67 48.0 0.0 99.0

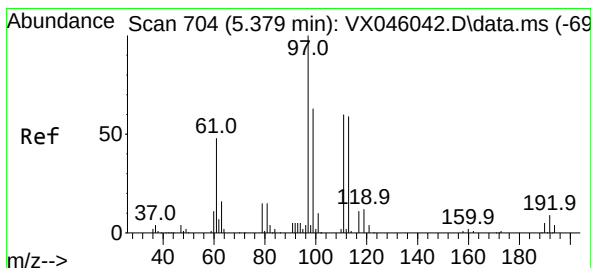
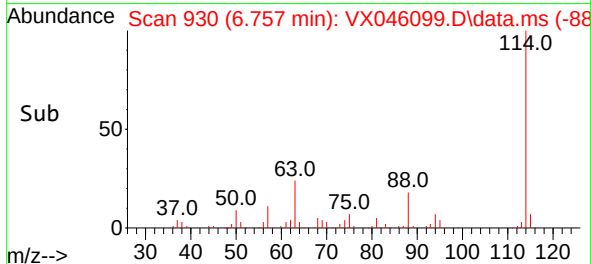
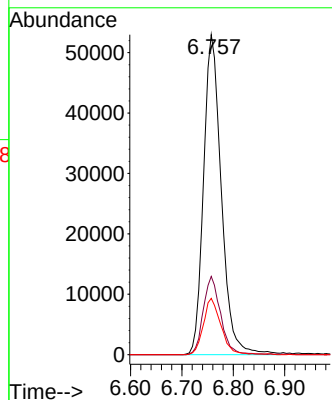
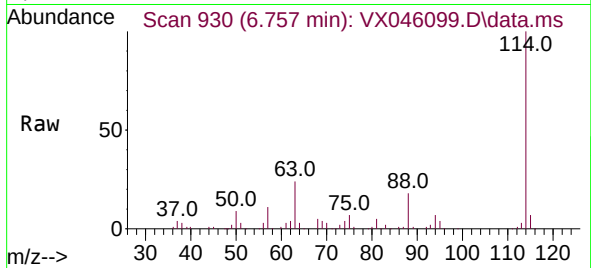




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

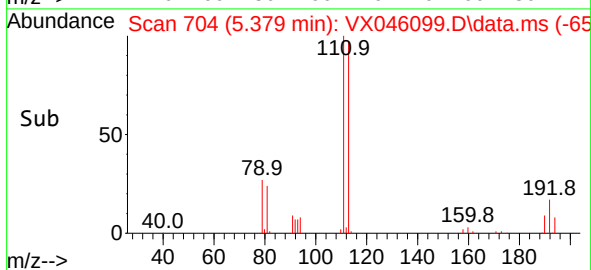
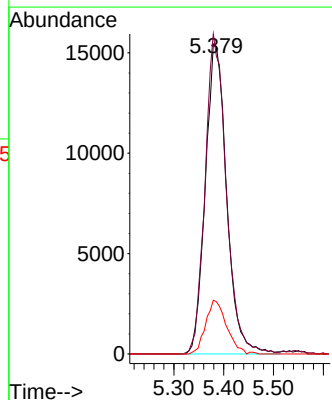
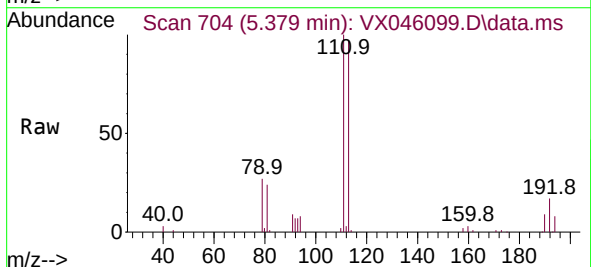
Instrument :
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ClientSampleId :
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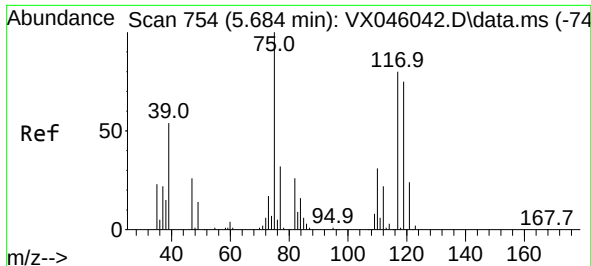
Tgt Ion:114 Resp: 127248
Ion Ratio Lower Upper
114 100
63 24.4 0.0 49.2
88 17.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.277 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

Tgt Ion:113 Resp: 46070
Ion Ratio Lower Upper
113 100
111 102.0 83.1 124.7
192 16.9 13.3 19.9

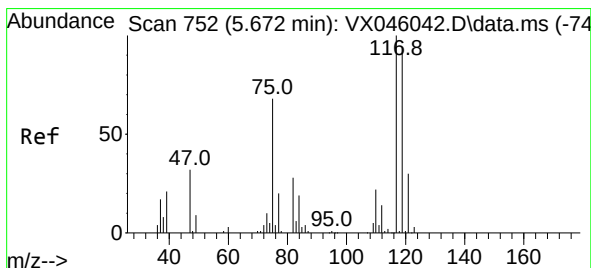
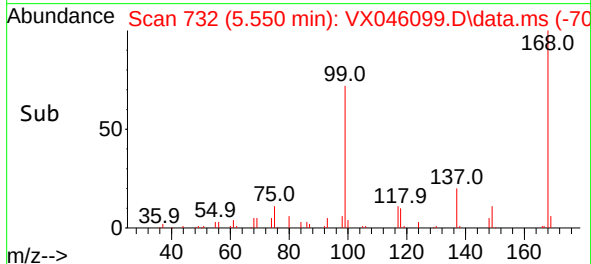
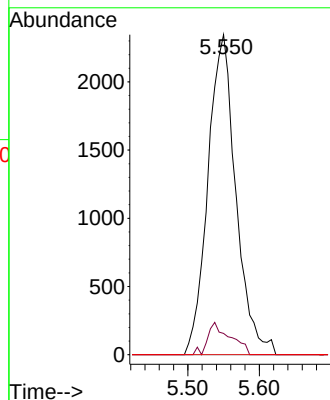
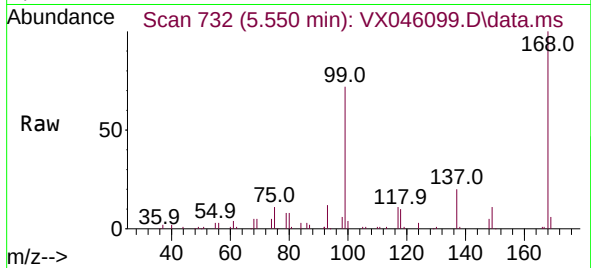




#36
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

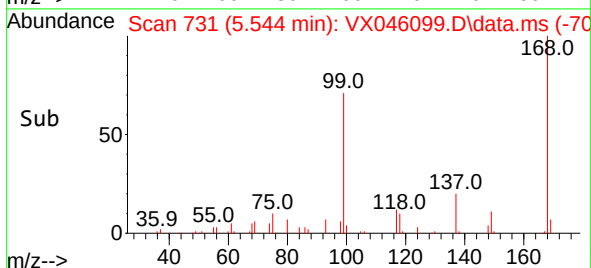
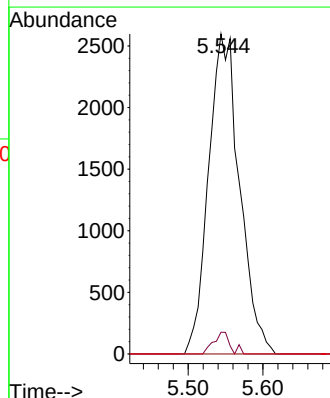
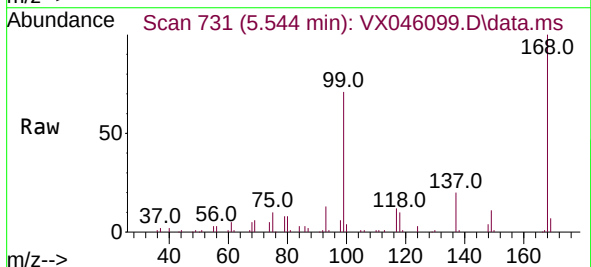
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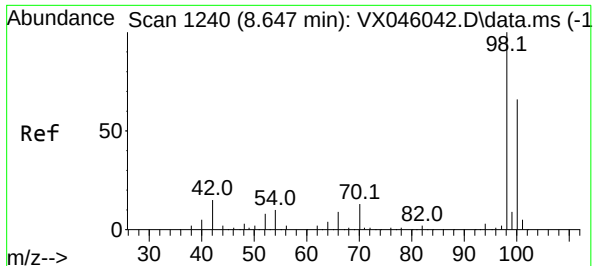
Tgt Ion: 75 Resp: 6372
Ion Ratio Lower Upper
75 100
110 8.2 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.425 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

Tgt Ion: 117 Resp: 7504
Ion Ratio Lower Upper
117 100
119 6.8 75.2 112.8#
121 0.0 24.2 36.4#

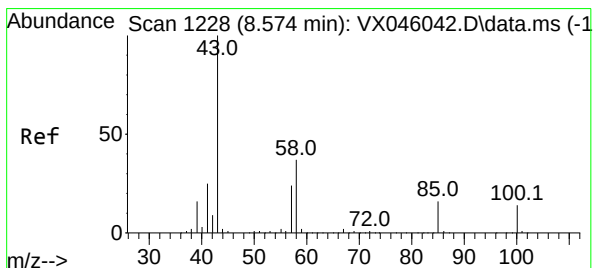
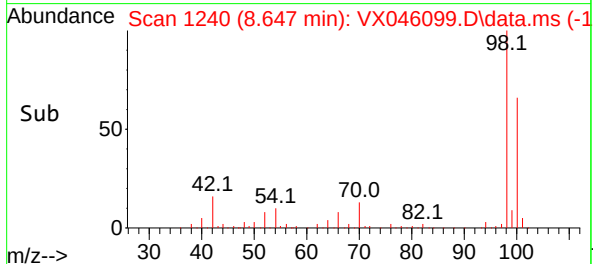
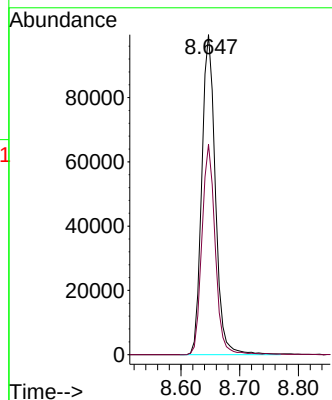
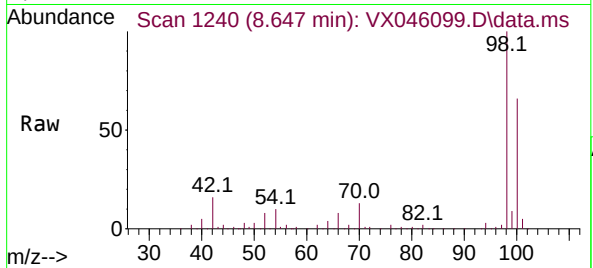




#50
Toluene-d8
Concen: 50.407 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

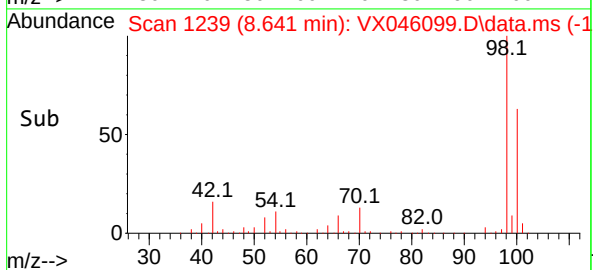
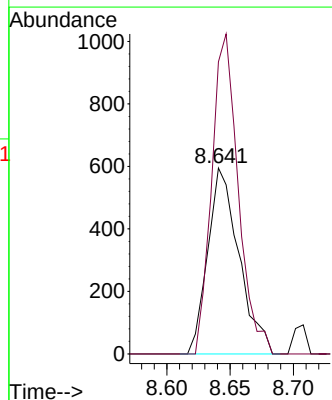
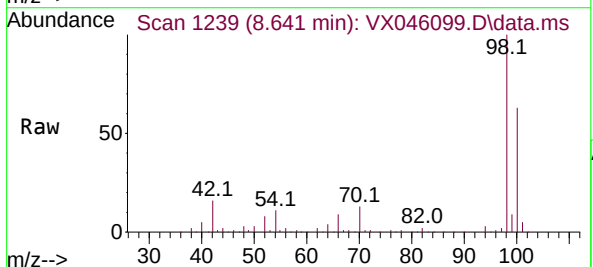
Instrument :
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IBLK

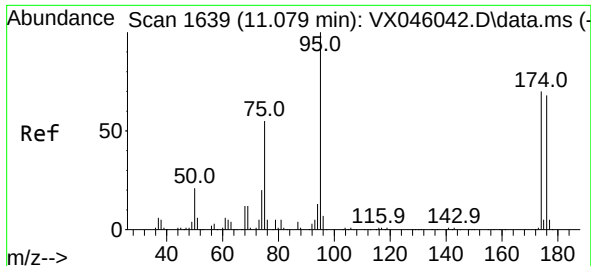
Tgt Ion: 98 Resp: 159865
Ion Ratio Lower Upper
98 100
100 64.1 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.662 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
58 146.5 28.9 43.3#

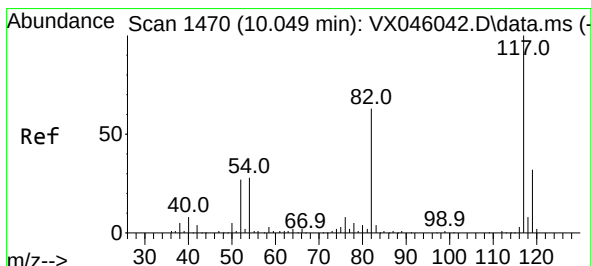
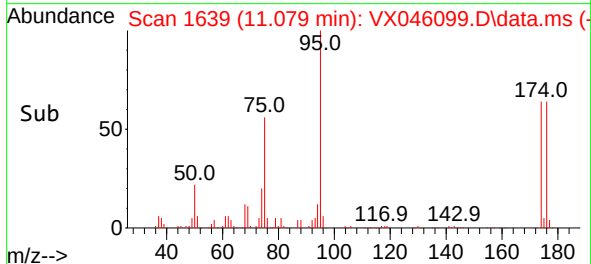
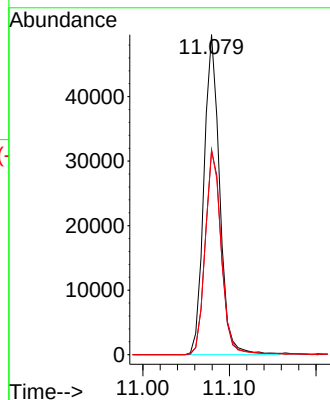
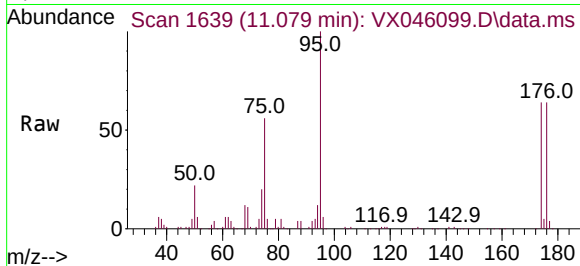




#62
4-Bromofluorobenzene
Concen: 51.254 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

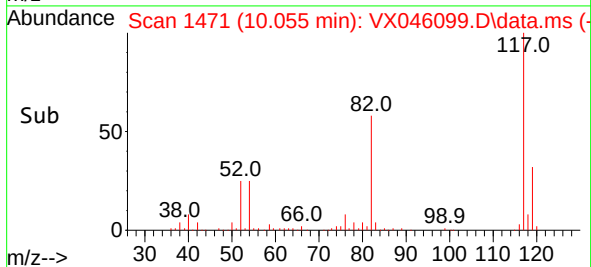
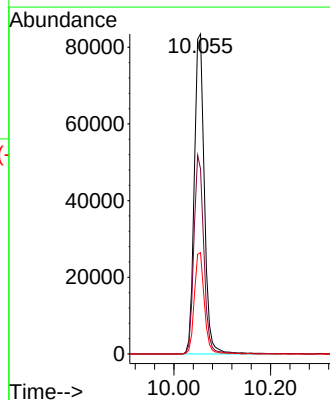
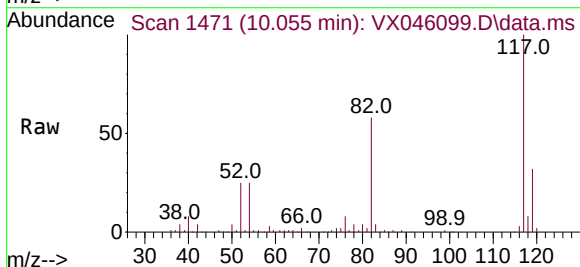
Instrument :
MSVOA_X
ClientSampleId :
IBLK

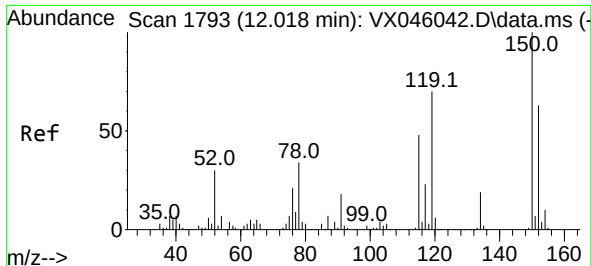
Tgt Ion: 95 Resp: 62353
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.8
176 65.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046099.D
Acq: 08 May 2025 18:23

Tgt Ion: 117 Resp: 120399
Ion Ratio Lower Upper
117 100
82 57.9 50.6 76.0
119 31.6 25.8 38.6

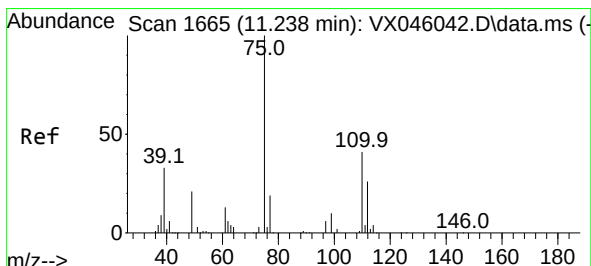
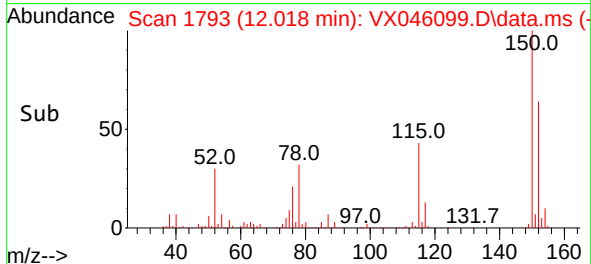
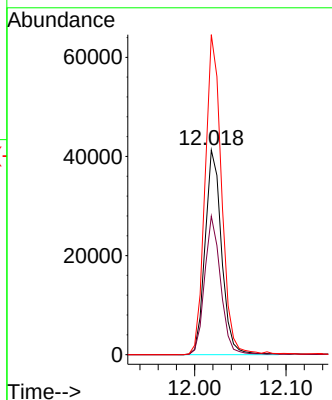
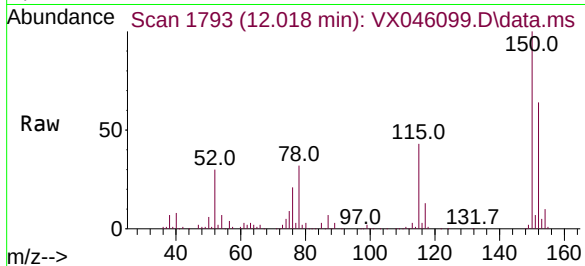




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046099.D
 Acq: 08 May 2025 18:23

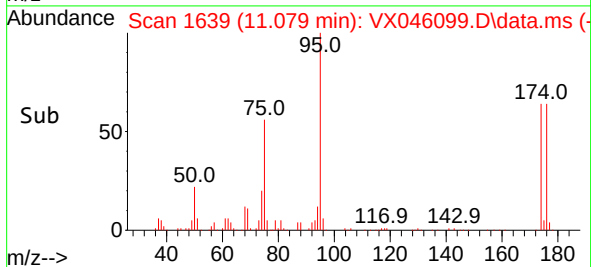
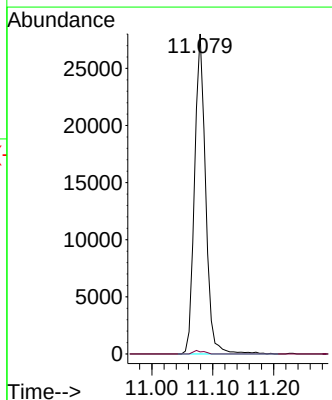
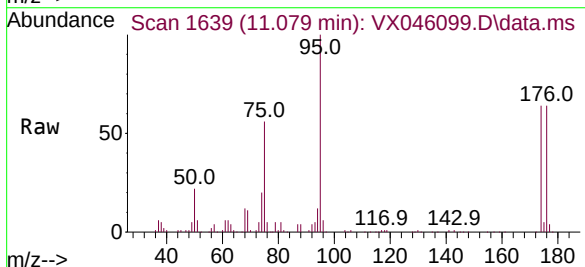
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

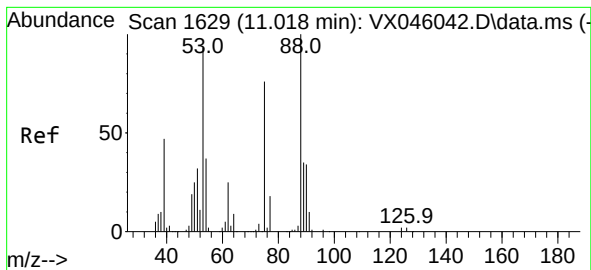
Tgt Ion:152 Resp: 51485
 Ion Ratio Lower Upper
 152 100
 115 66.0 46.9 140.7
 150 157.3 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.489 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046099.D
 Acq: 08 May 2025 18:23

Tgt Ion: 75 Resp: 35306
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.752 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046099.D
 Acq: 08 May 2025 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 35306
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

