

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046155.D
 Acq On : 13 May 2025 10:52
 Operator : JC/MD
 Sample : VX0513WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBL01

Quant Time: May 14 01:35:04 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)

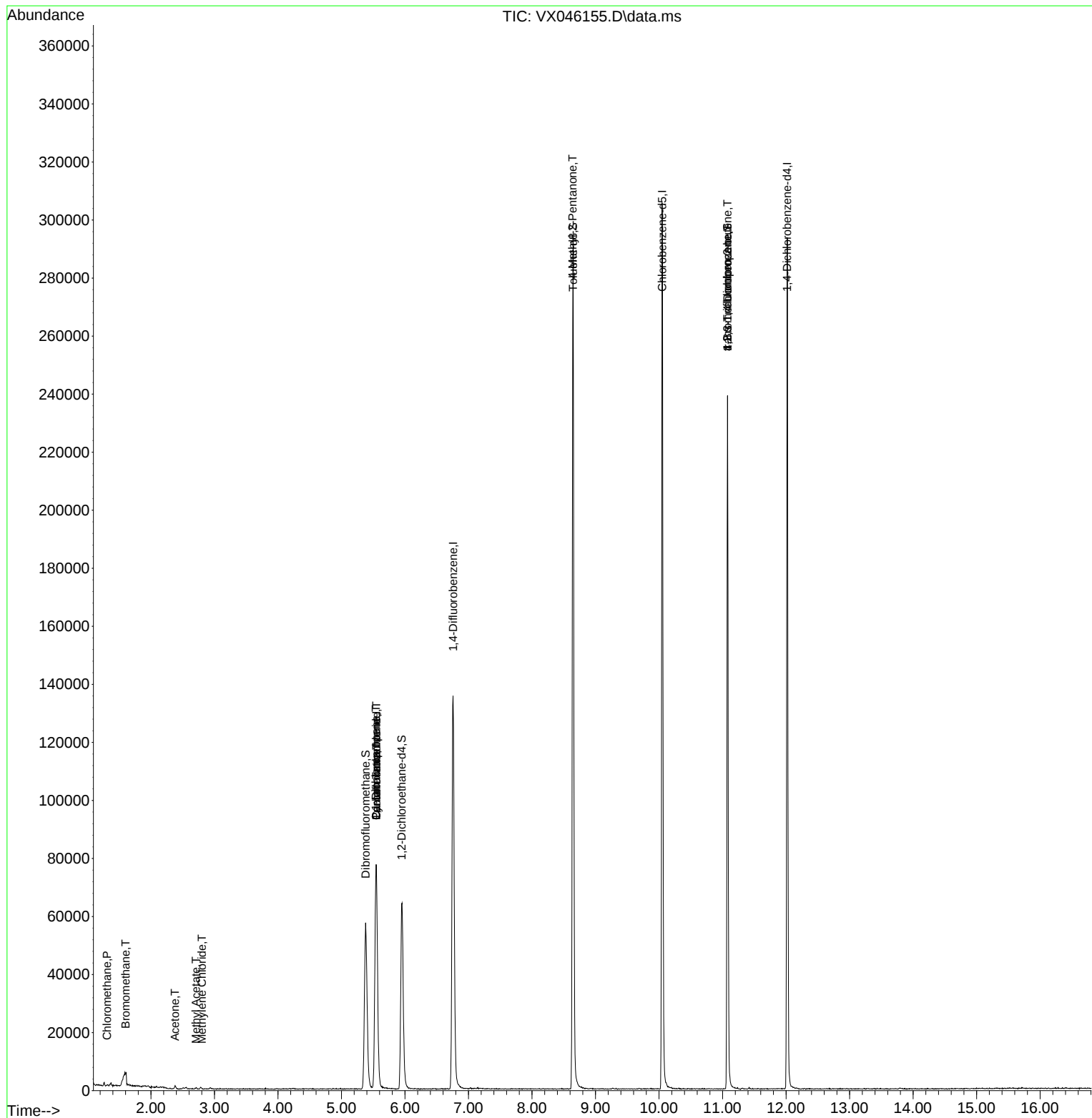
Internal Standards						
1) Pentafluorobenzene	5.550	168	67277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67481	53.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.600%	
35) Dibromofluoromethane	5.379	113	49414	51.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.920%	
50) Toluene-d8	8.647	98	167575	50.422	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	11.079	95	63997	50.200	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	619	0.620	ug/l	90
5) Bromomethane	1.599	94	139	0.322	ug/l #	65
16) Acetone	2.380	43	986	1.961	ug/l #	82
18) Methyl Acetate	2.709	43	462	0.396	ug/l #	78
20) Methylene Chloride	2.800	84	257	0.267	ug/l #	32
31) Cyclohexane	5.550	56	1941	1.299	ug/l #	23
36) 1,1-Dichloropropene	5.544	75	6464	5.010	ug/l #	53
38) Carbon Tetrachloride	5.550	117	8161	5.630	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	974	0.603	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36504	28.770	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36504	93.667	ug/l #	1

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Quant Time: May 14 01:35:04 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

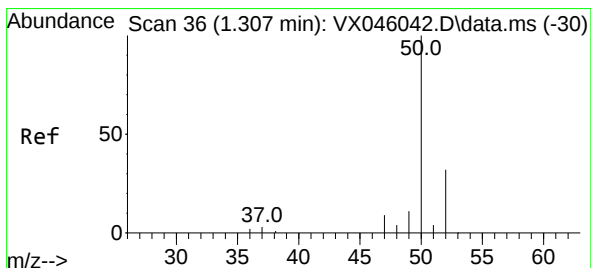
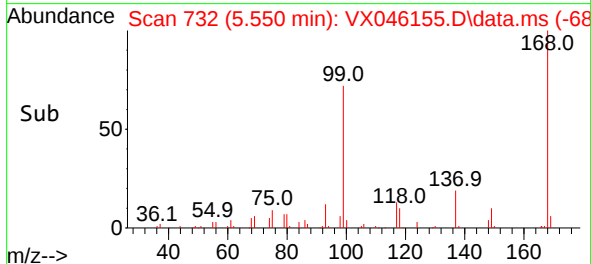
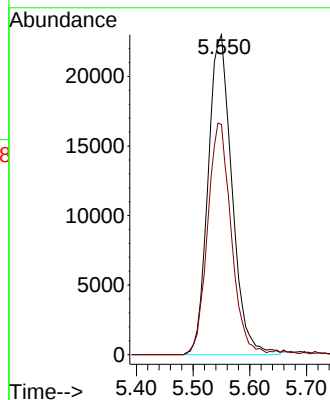
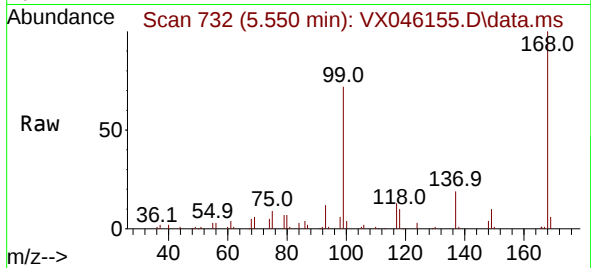




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

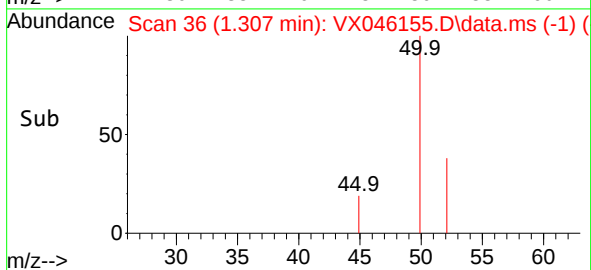
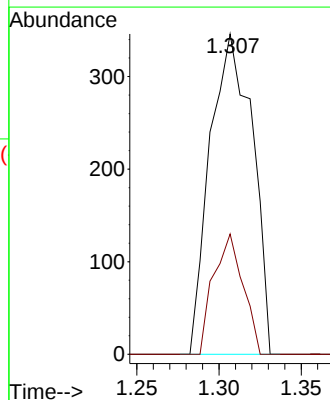
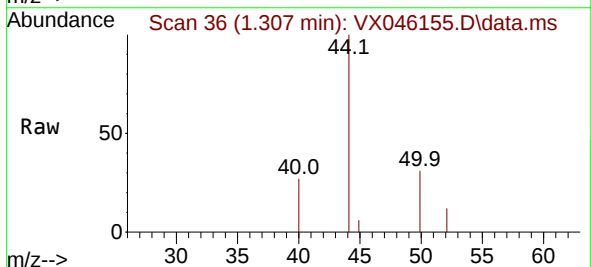
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

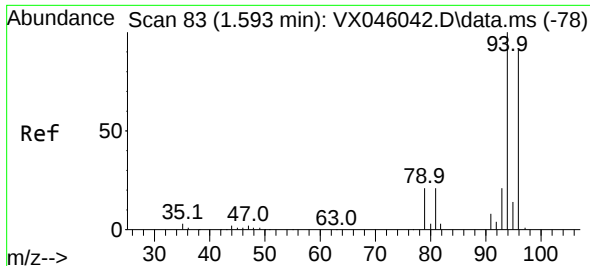
Tgt Ion:168 Resp: 67277
Ion Ratio Lower Upper
168 100
99 72.0 54.9 82.3



#3
Chloromethane
Concen: 0.620 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion: 50 Resp: 619
Ion Ratio Lower Upper
50 100
52 37.6 25.4 38.2

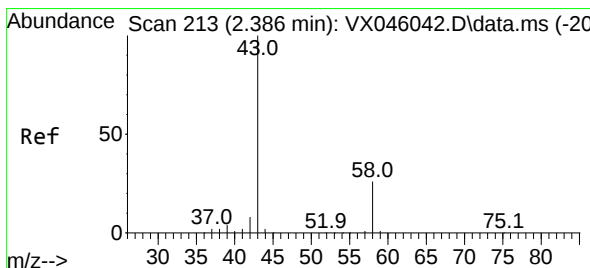
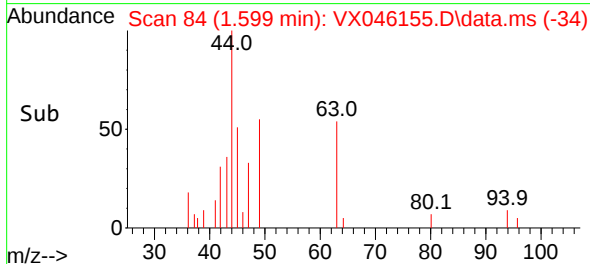
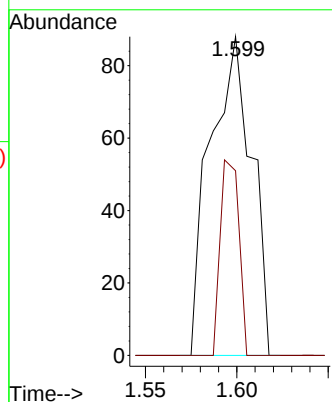
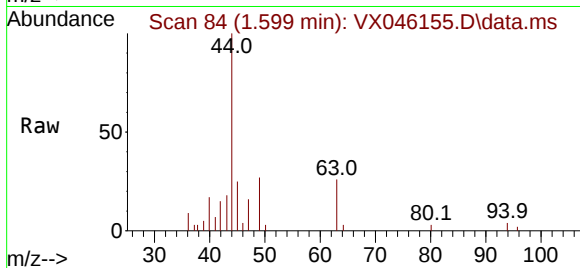




#5
Bromomethane
Concen: 0.322 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

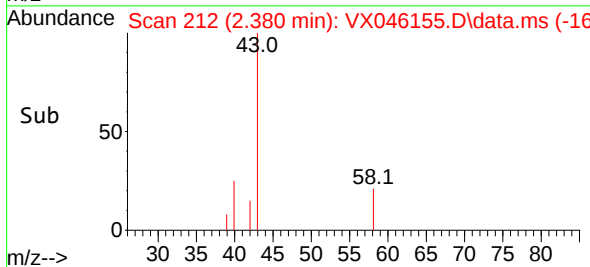
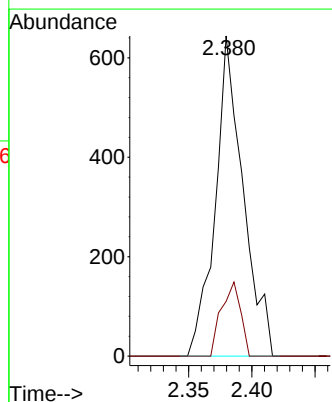
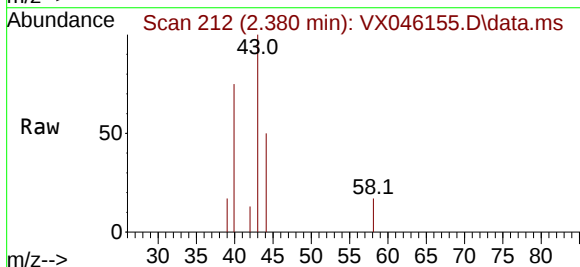
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

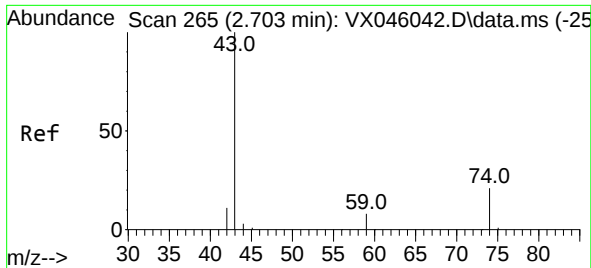
Tgt Ion: 94 Resp: 139
Ion Ratio Lower Upper
94 100
96 58.0 72.8 109.2#



#16
Acetone
Concen: 1.961 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
58 17.1 21.2 31.8#

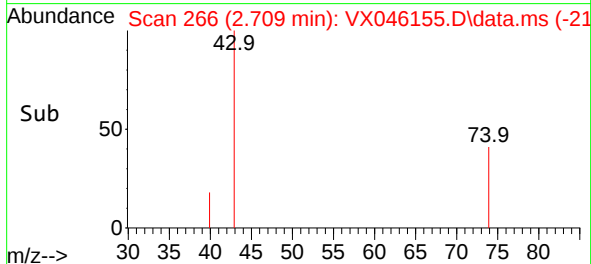
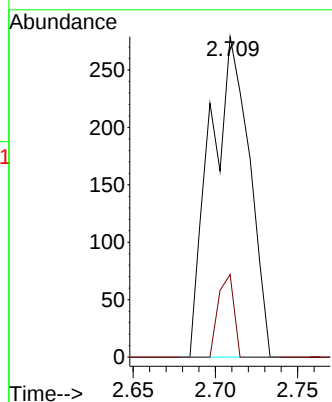
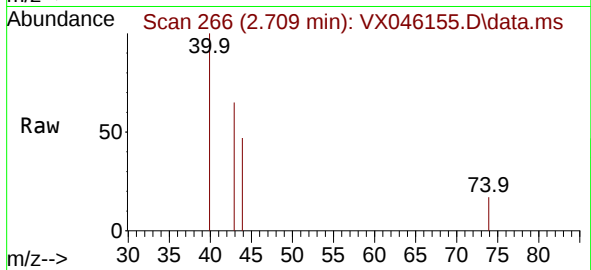




#18
Methyl Acetate
Concen: 0.396 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

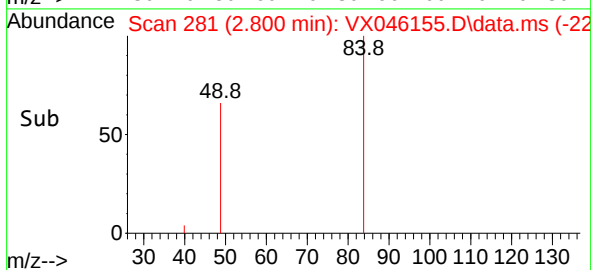
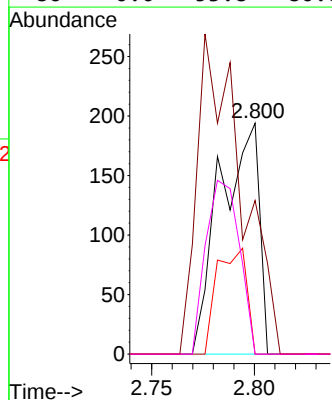
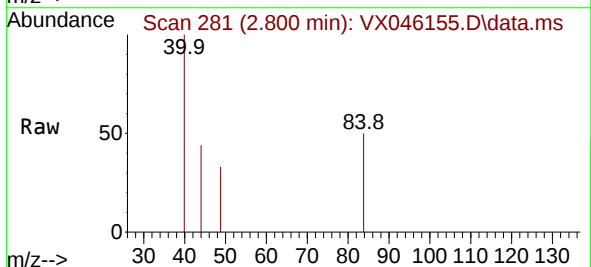
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

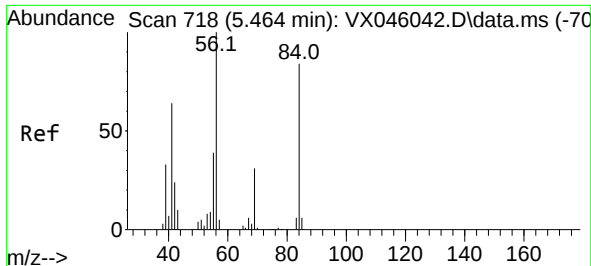
Tgt Ion: 43 Resp: 462
Ion Ratio Lower Upper
43 100
74 10.4 16.7 25.1#



#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.018 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion: 84 Resp: 257
Ion Ratio Lower Upper
84 100
49 66.5 113.9 170.9#
51 0.0 33.5 50.3#
86 0.0 53.8 80.8#

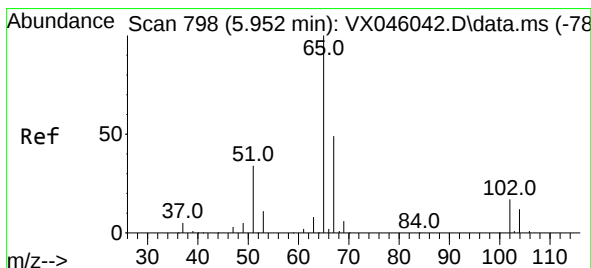
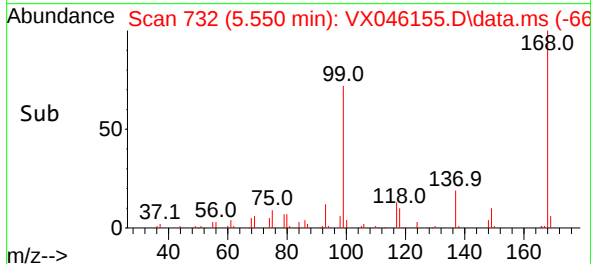
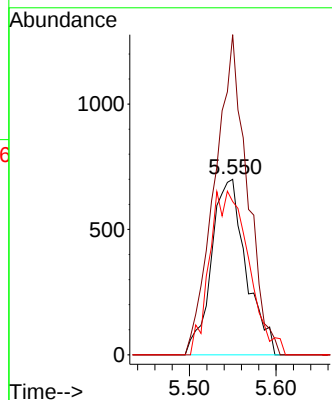
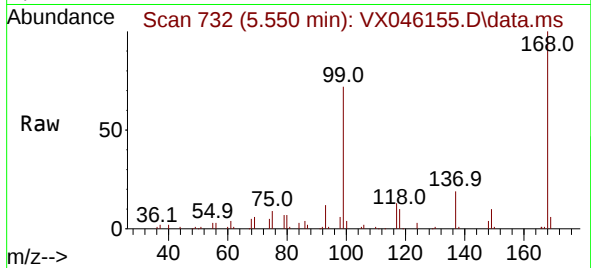




#31
Cyclohexane
Concen: 1.299 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

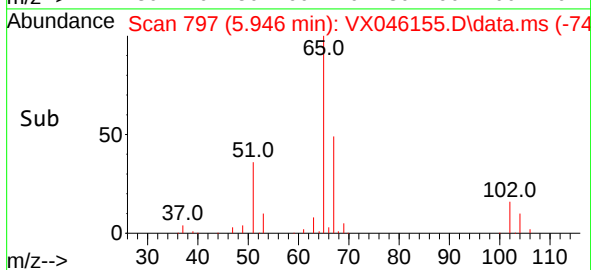
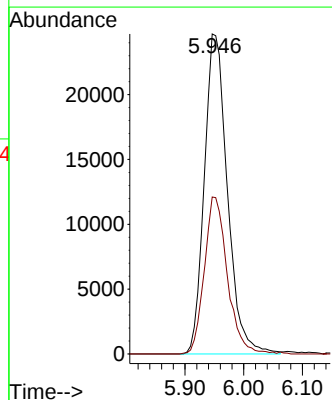
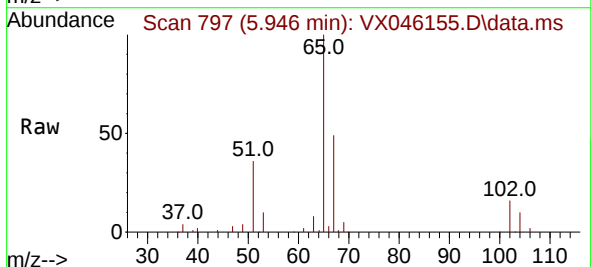
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

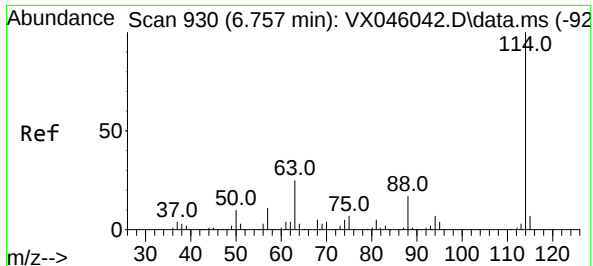
Tgt Ion: 56 Resp: 1941
Ion Ratio Lower Upper
56 100
69 182.4 24.4 36.6#
84 87.3 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 53.801 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion: 65 Resp: 67481
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

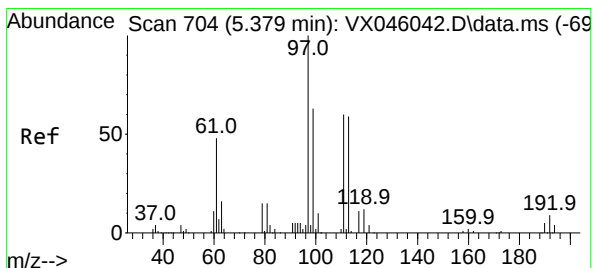
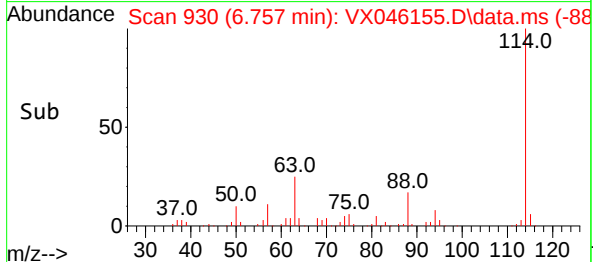
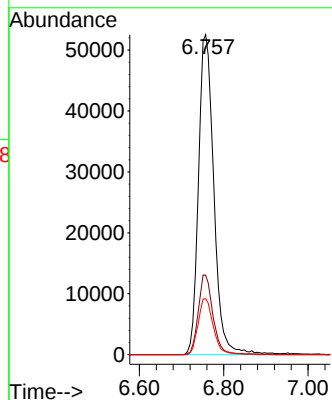
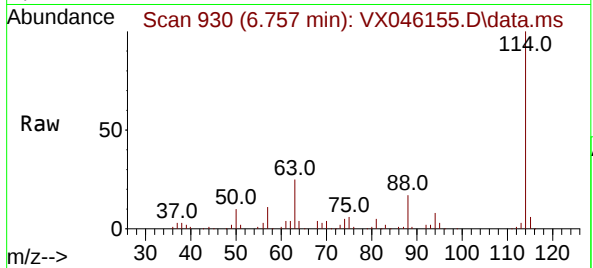




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

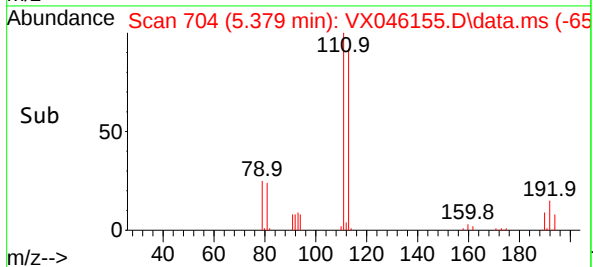
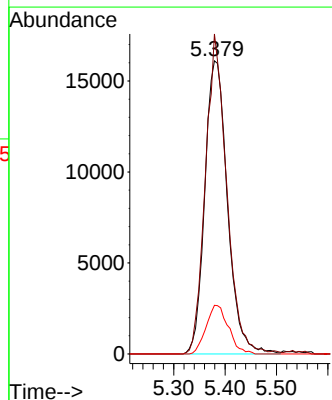
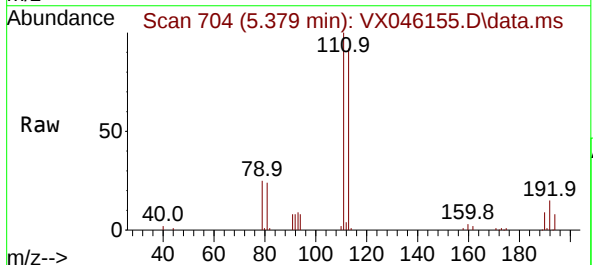
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

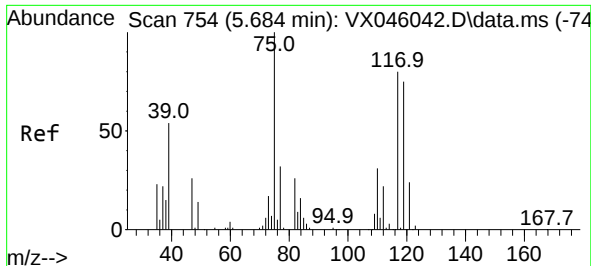
Tgt Ion:114 Resp: 133345
Ion Ratio Lower Upper
114 100
63 24.8 0.0 49.2
88 17.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.461 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion:113 Resp: 49414
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 16.3 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.010 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX046155.D

Acq: 13 May 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBL01

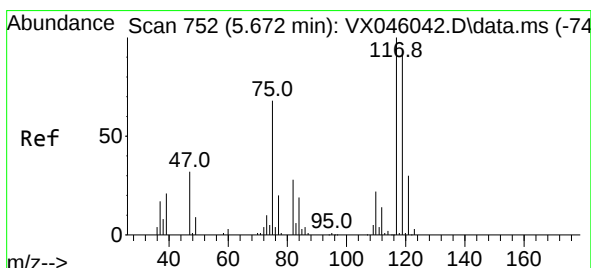
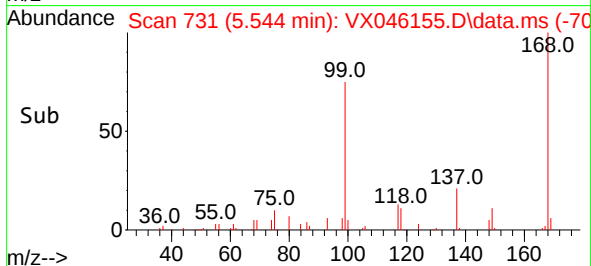
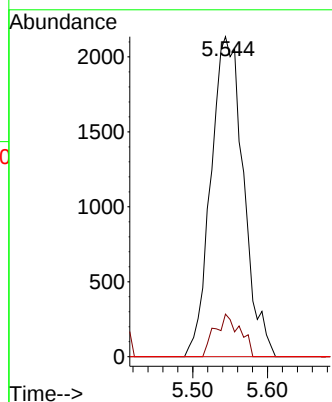
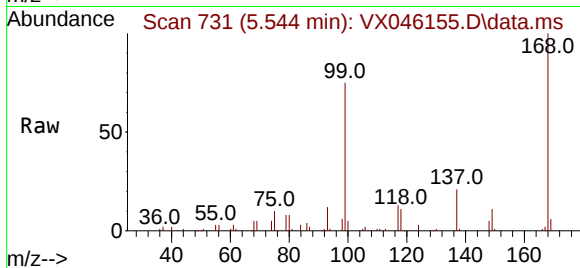
Tgt Ion: 75 Resp: 6464

Ion Ratio Lower Upper

75 100

110 10.3 16.3 48.9#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.630 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX046155.D

Acq: 13 May 2025 10:52

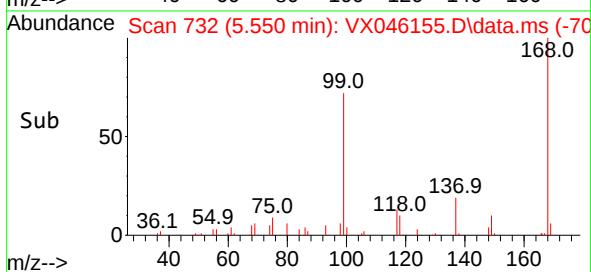
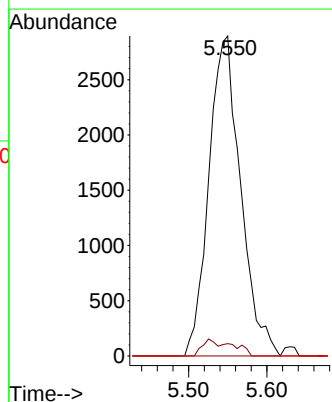
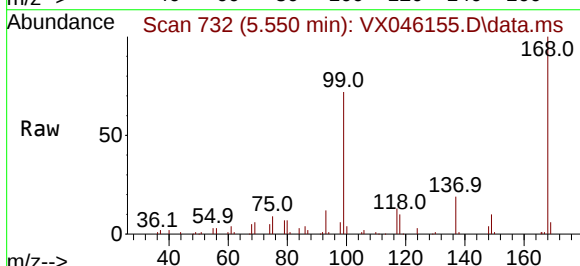
Tgt Ion: 117 Resp: 8161

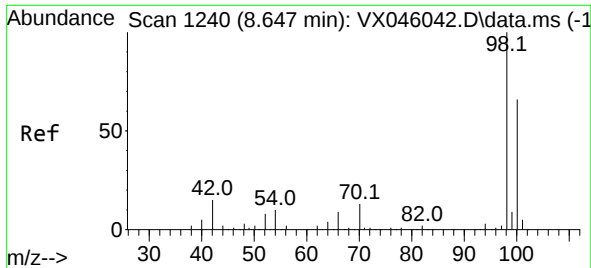
Ion Ratio Lower Upper

117 100

119 3.8 75.2 112.8#

121 0.0 24.2 36.4#

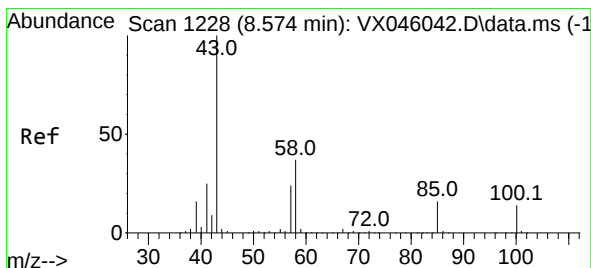
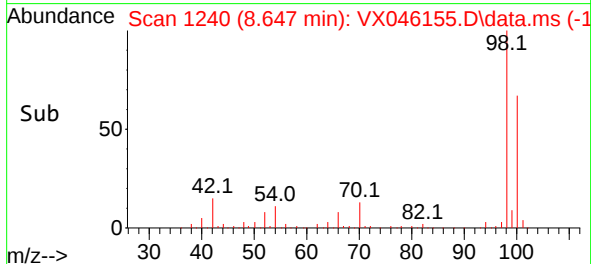
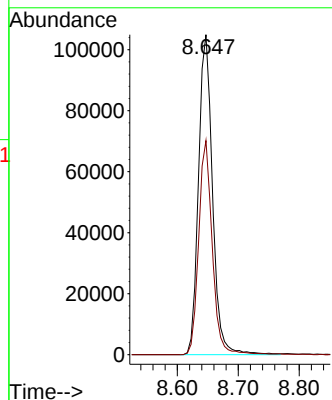
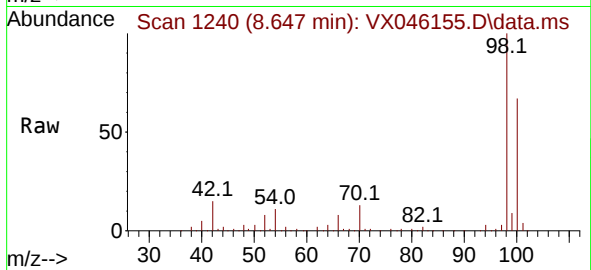




#50
Toluene-d8
Concen: 50.422 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

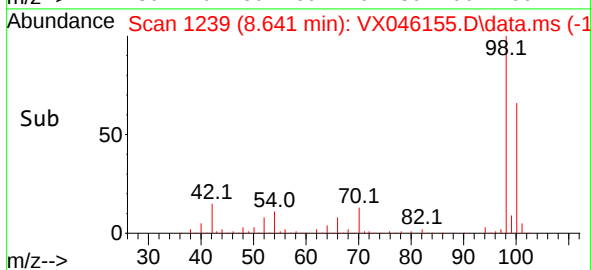
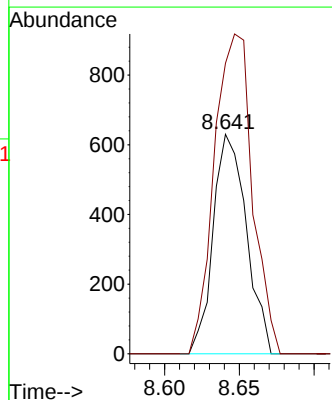
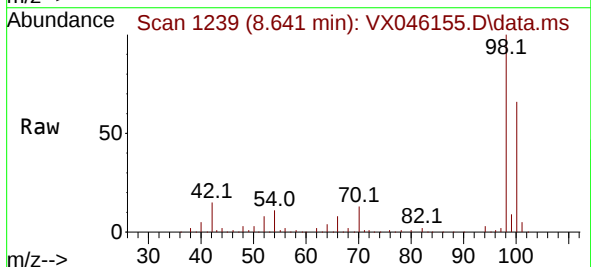
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

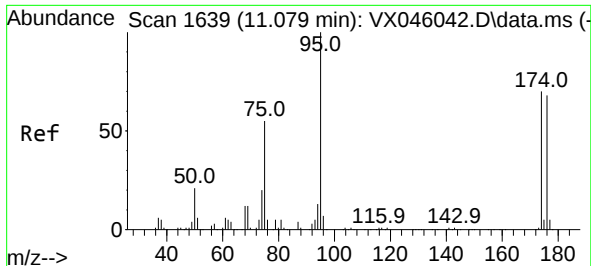
Tgt Ion: 98 Resp: 167575
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.603 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
58 167.2 28.9 43.3#

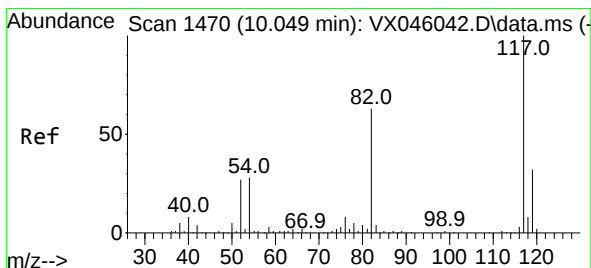
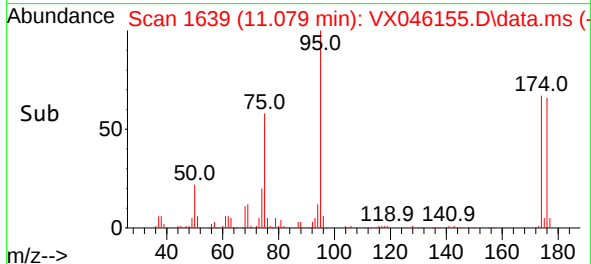
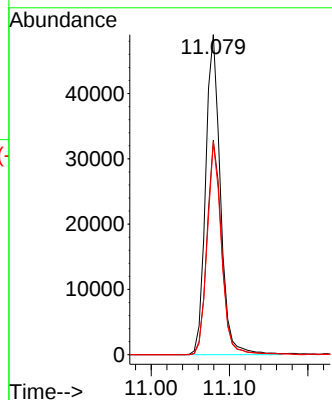
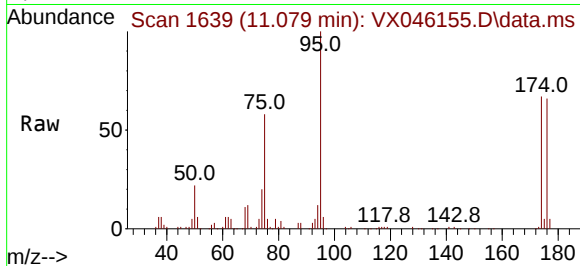




#62
4-Bromofluorobenzene
Concen: 50.200 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

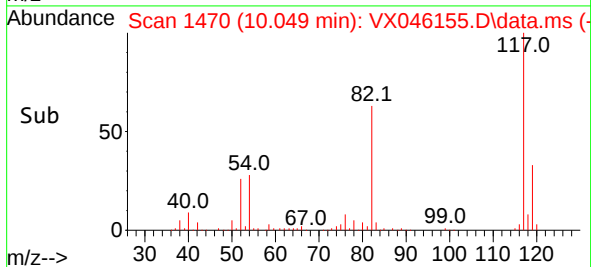
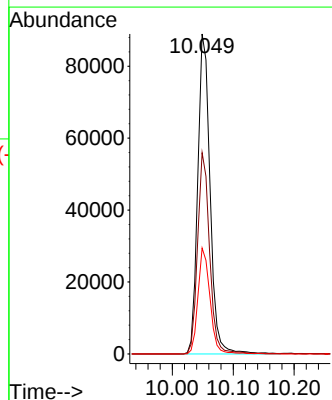
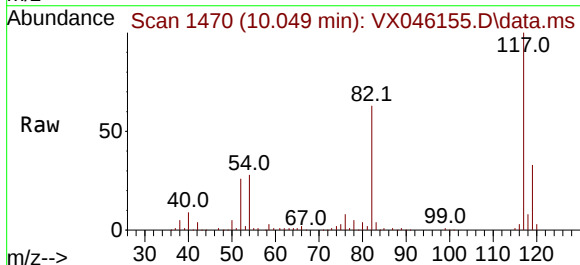
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

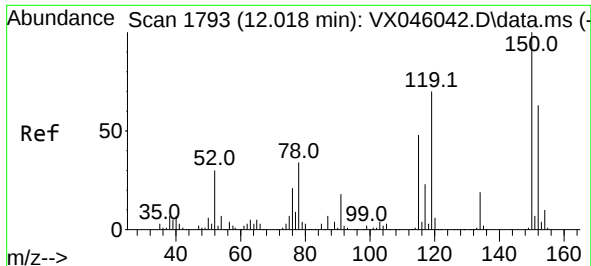
Tgt Ion: 95 Resp: 63997
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 64.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion: 117 Resp: 124650
Ion Ratio Lower Upper
117 100
82 62.9 50.6 76.0
119 33.1 25.8 38.6

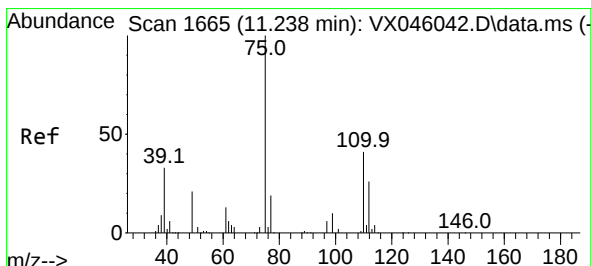
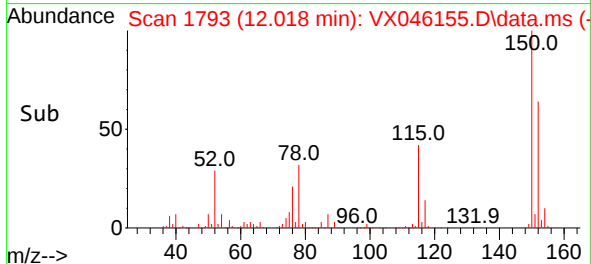
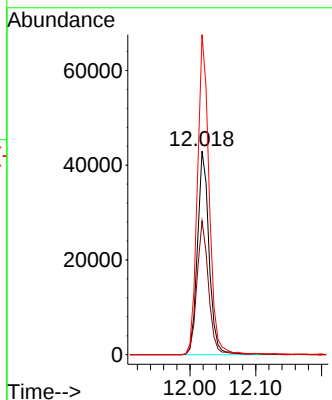
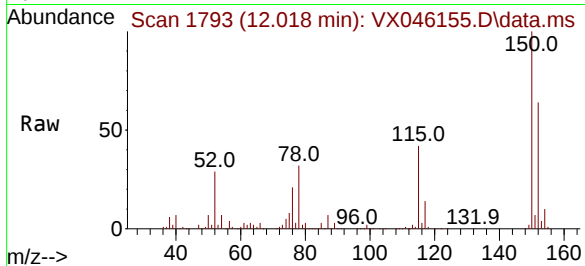




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

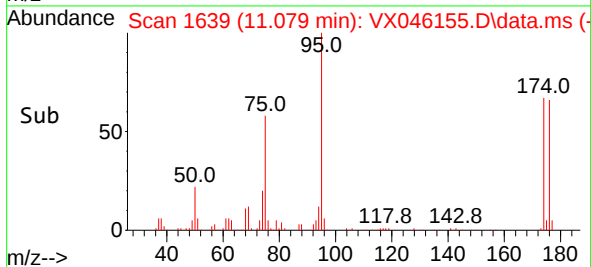
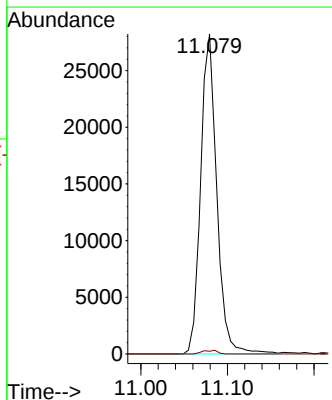
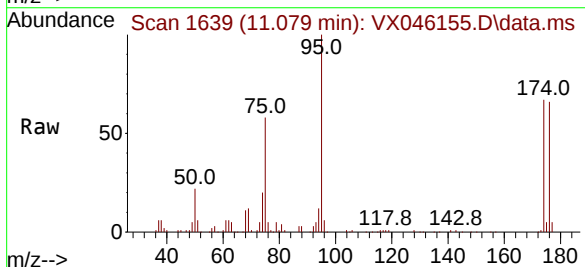
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

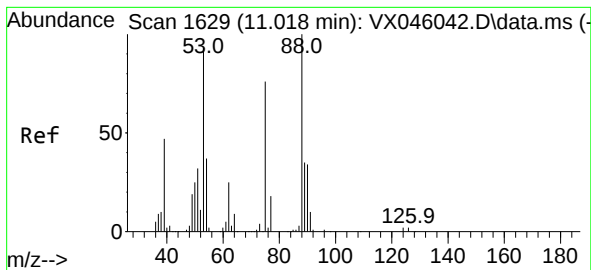
Tgt Ion:152 Resp: 52712
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 158.4 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 28.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion: 75 Resp: 36504
Ion Ratio Lower Upper
75 100
77 1.0 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.667 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046155.D
 Acq: 13 May 2025 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBL01

Tgt Ion: 75 Resp: 36504
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

