

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046210.D
 Acq On : 15 May 2025 13:47
 Operator : JC/MD
 Sample : Q2050-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 01:05:34 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)

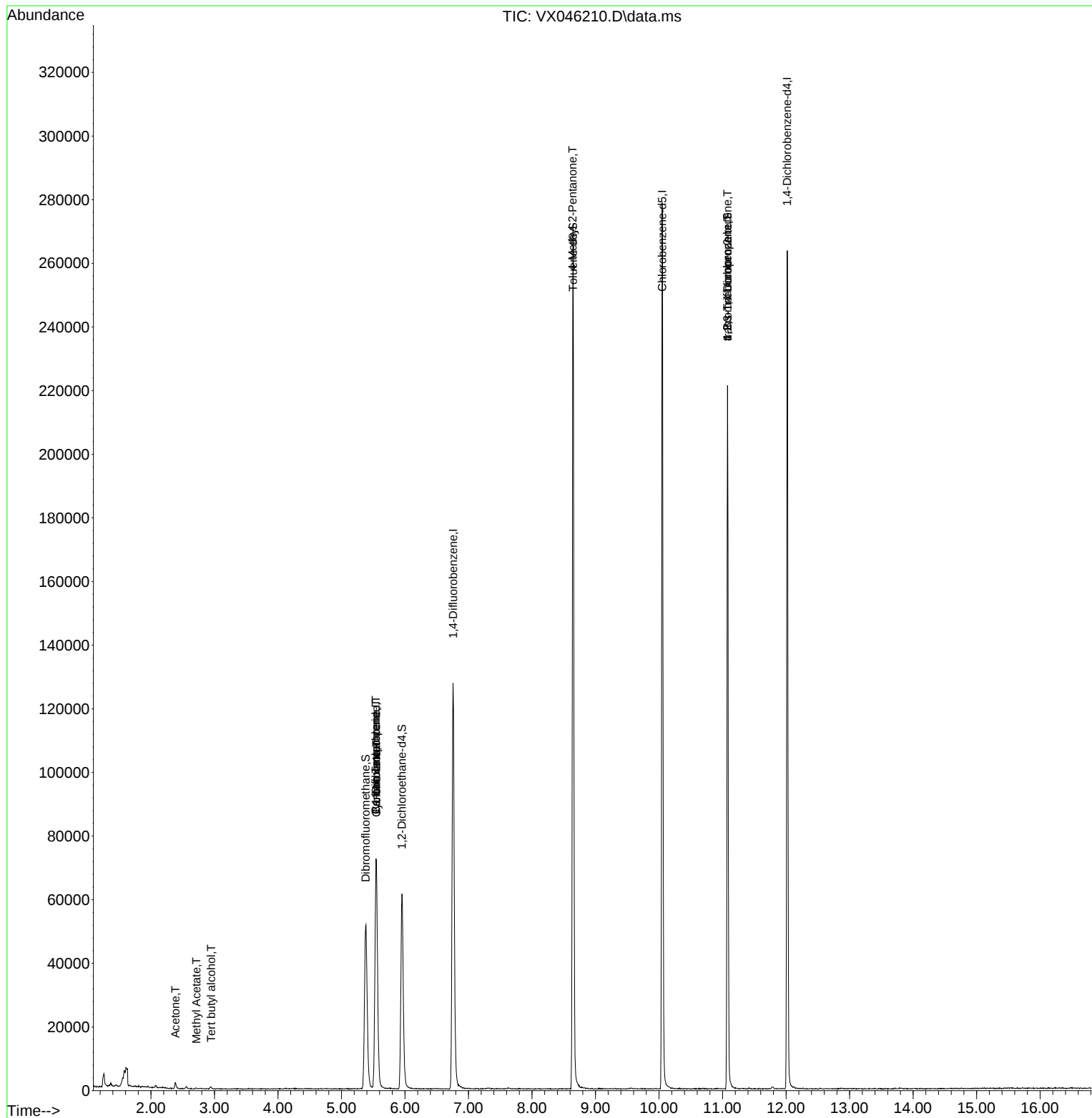
Internal Standards						
1) Pentafluorobenzene	5.544	168	61610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62182	54.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.280%	
35) Dibromofluoromethane	5.379	113	45490	51.838	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.680%	
50) Toluene-d8	8.647	98	153506	50.541	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	11.079	95	60489	51.920	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	265	1.644	ug/l #	72
16) Acetone	2.386	43	2002	4.347	ug/l	100
18) Methyl Acetate	2.715	43	252	0.236	ug/l #	55
31) Cyclohexane	5.550	56	1717	1.254	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	6120	5.191	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7049	5.321	ug/l #	19
51) 4-Methyl-2-Pentanone	8.641	43	866	0.587	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34152	28.214	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34152	91.856	ug/l #	1

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

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Sample : Q2050-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

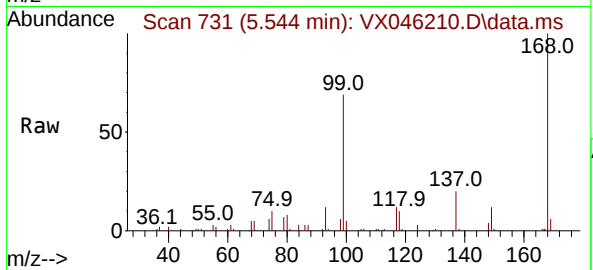
Quant Time: May 16 01:05:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



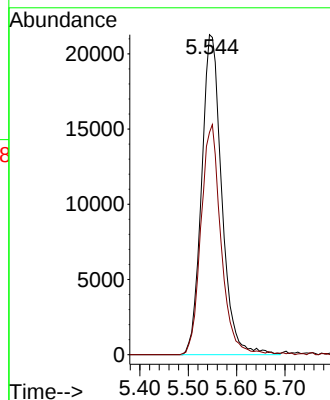
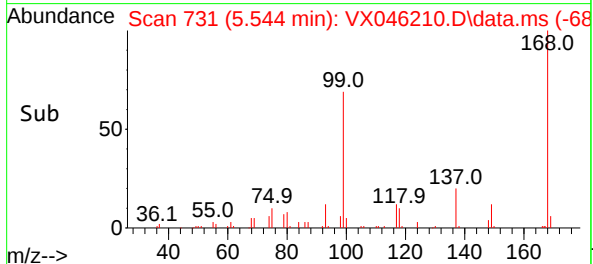


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :

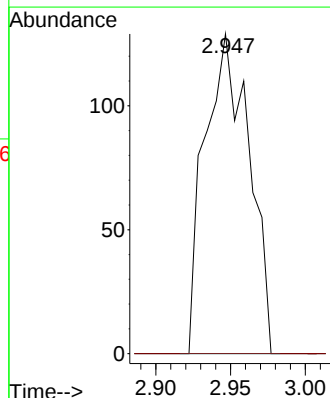
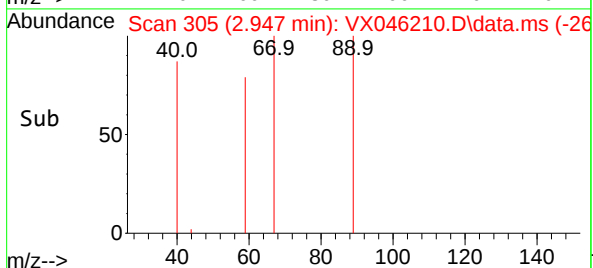
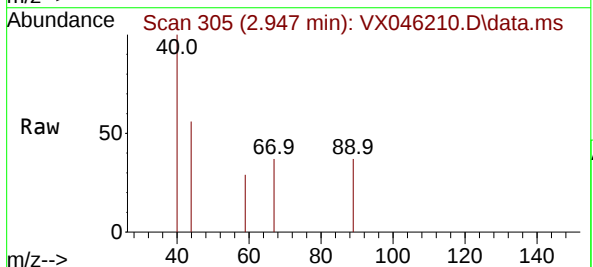


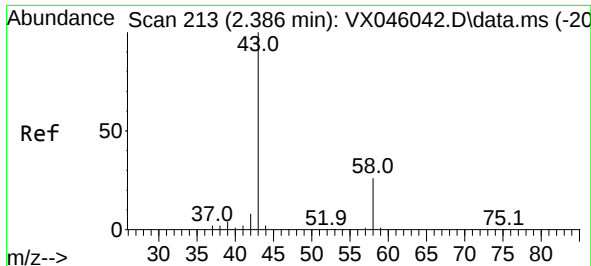
Tgt Ion:168 Resp: 61610
Ion Ratio Lower Upper
168 100
99 69.5 54.9 82.3



#11
Tert butyl alcohol
Concen: 1.644 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

Tgt Ion: 59 Resp: 265
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

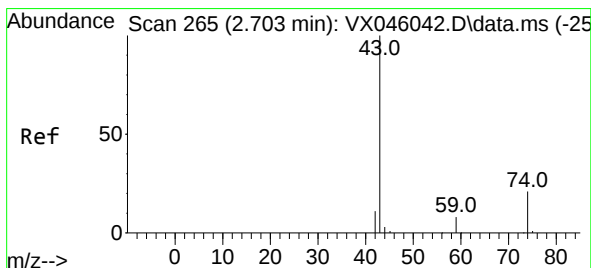
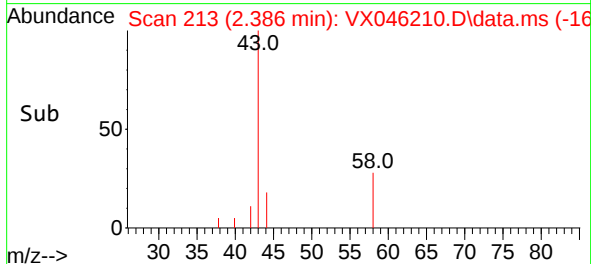
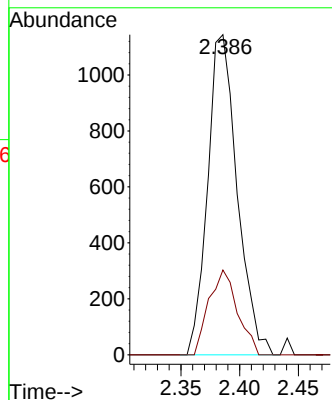
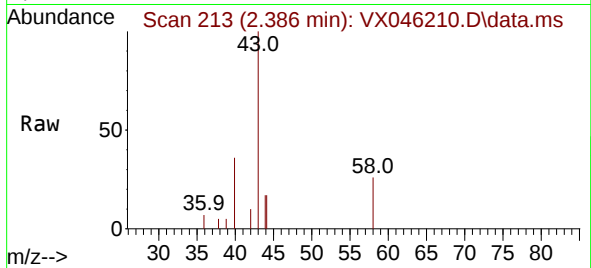




#16
Acetone
Concen: 4.347 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

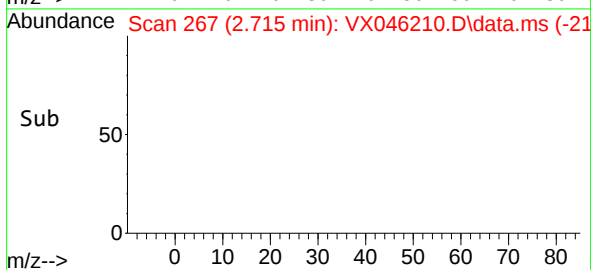
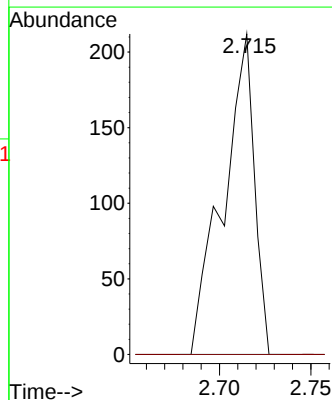
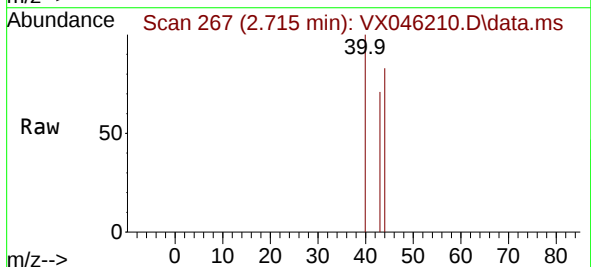
Instrument :
MSVOA_X
ClientSampleId :

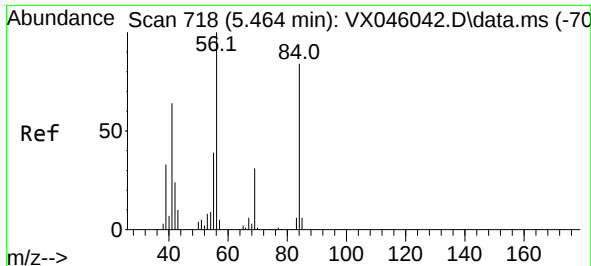
Tgt Ion: 43 Resp: 2002
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8



#18
Methyl Acetate
Concen: 0.236 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

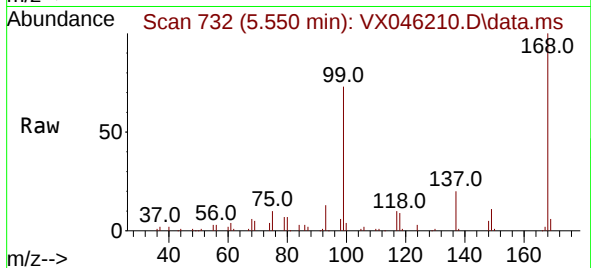
Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



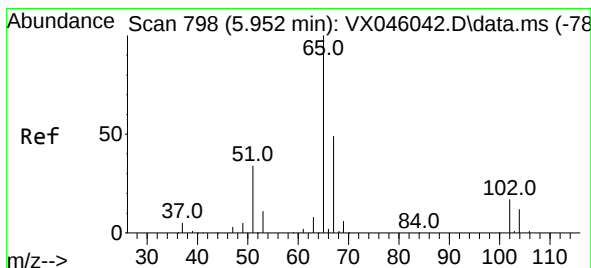
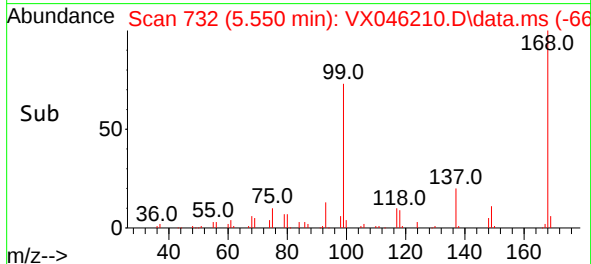
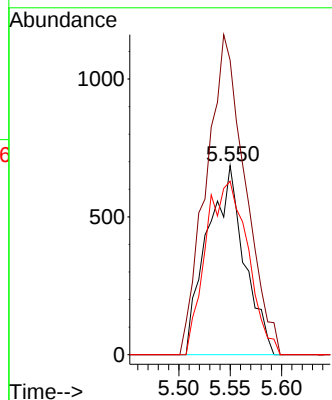


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :

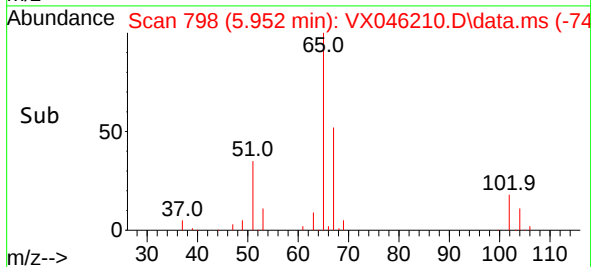
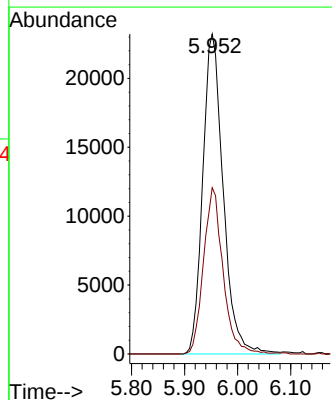
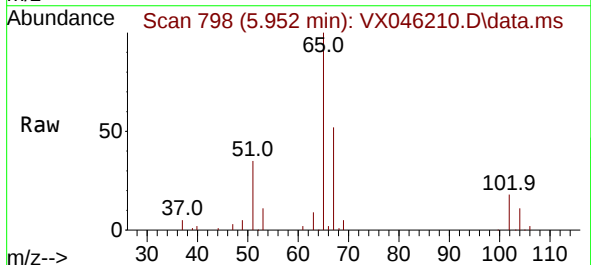


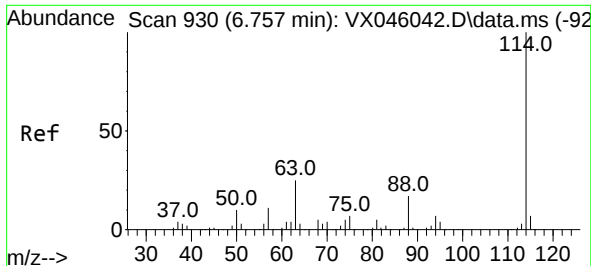
Tgt Ion: 56 Resp: 1717
Ion Ratio Lower Upper
56 100
69 155.7 24.4 36.6#
84 91.7 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 54.137 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

Tgt Ion: 65 Resp: 62182
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

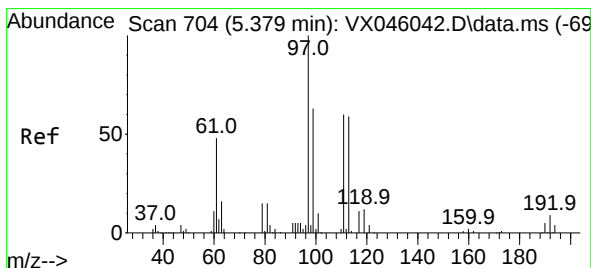
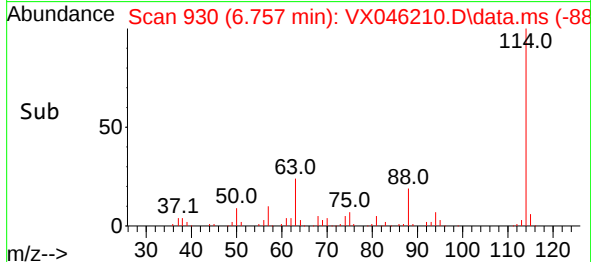
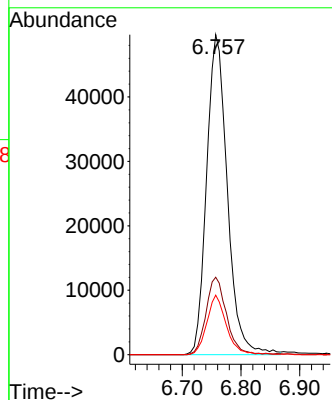
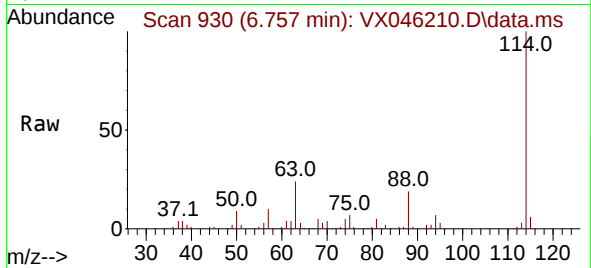




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

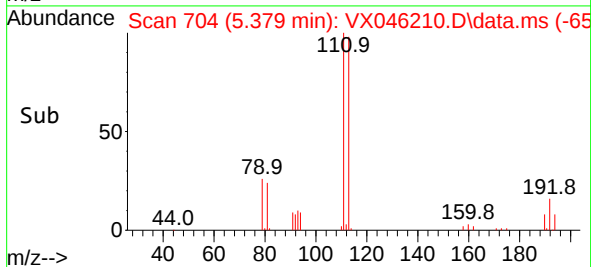
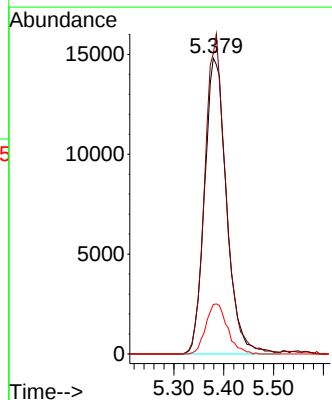
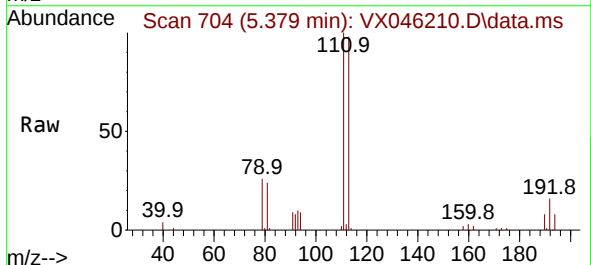
Instrument :
MSVOA_X
ClientSampleId :

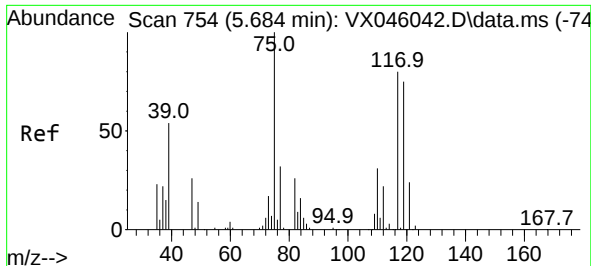
Tgt Ion:114 Resp: 121862
Ion Ratio Lower Upper
114 100
63 24.2 0.0 49.2
88 18.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.838 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

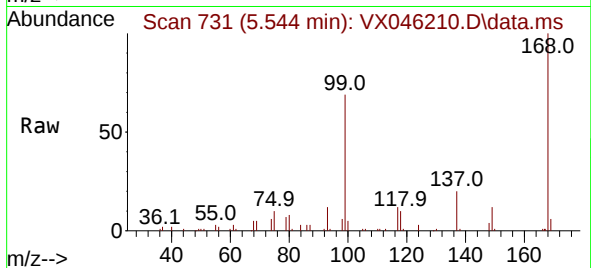
Tgt Ion:113 Resp: 45490
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.6 13.3 19.9



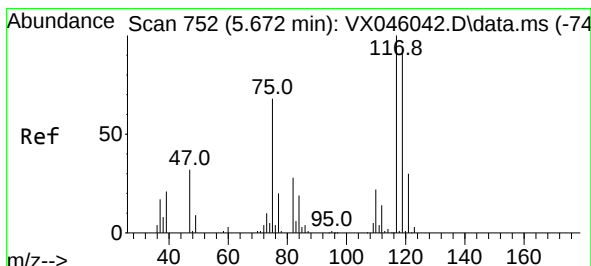
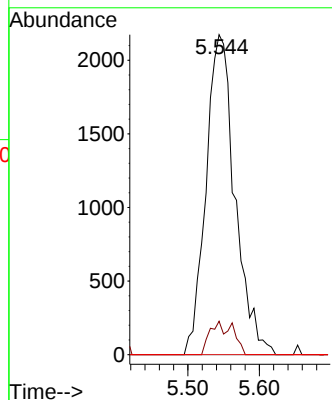
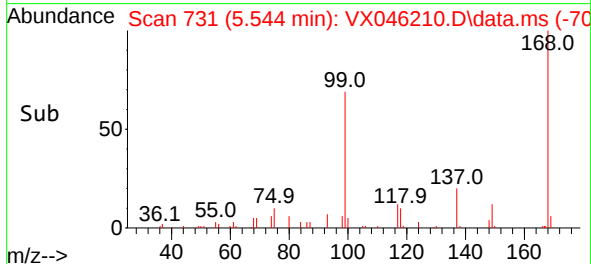


#36
1,1-Dichloropropene
Concen: 5.191 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

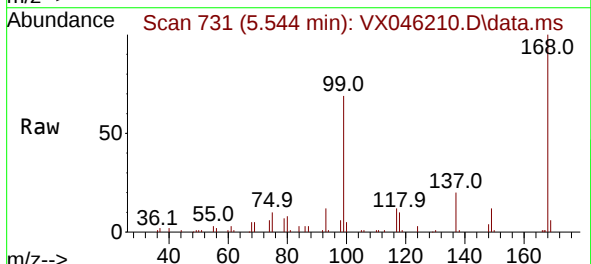
Instrument :
MSVOA_X
ClientSampleId :



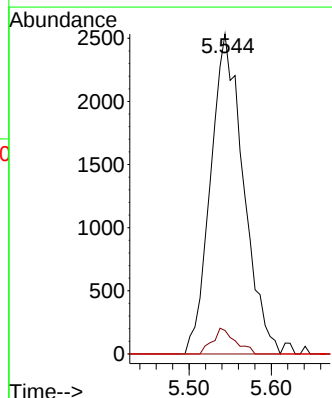
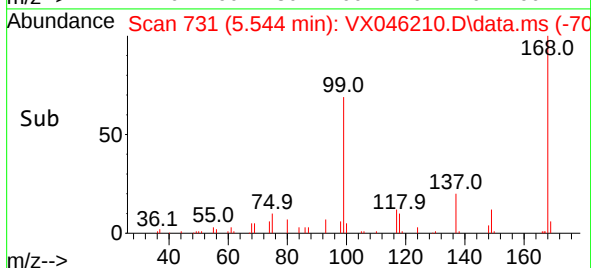
Tgt Ion: 75 Resp: 6120
Ion Ratio Lower Upper
75 100
110 8.3 16.3 48.9#
77 0.0 24.3 36.5#

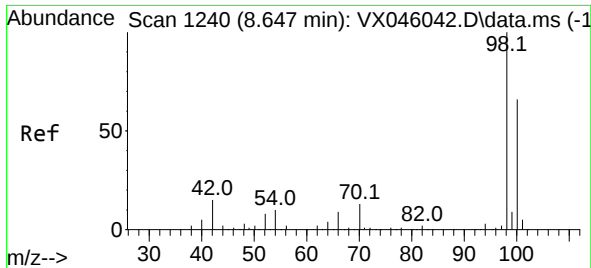


#38
Carbon Tetrachloride
Concen: 5.321 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47



Tgt Ion: 117 Resp: 7049
Ion Ratio Lower Upper
117 100
119 7.3 75.2 112.8#
121 0.0 24.2 36.4#

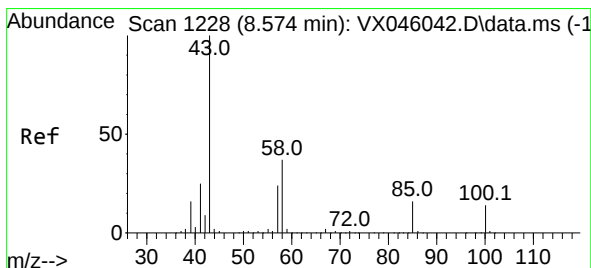
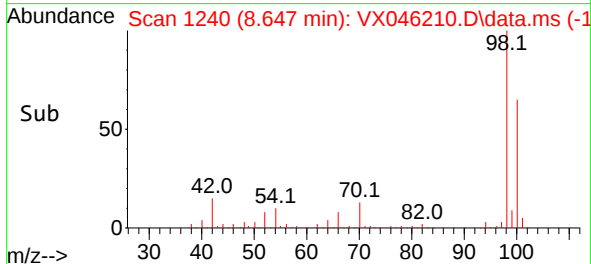
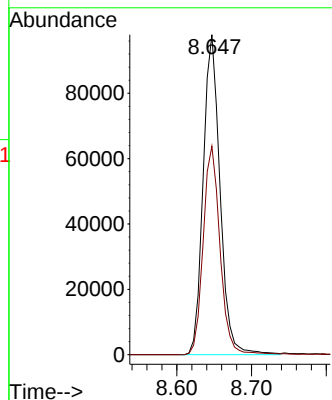
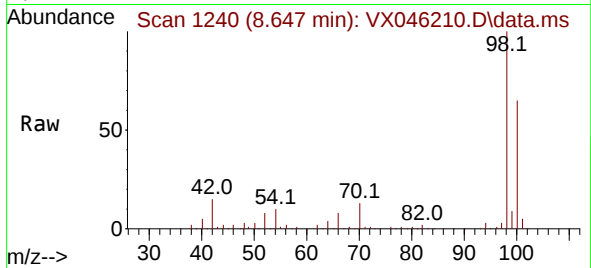




#50
Toluene-d8
Concen: 50.541 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

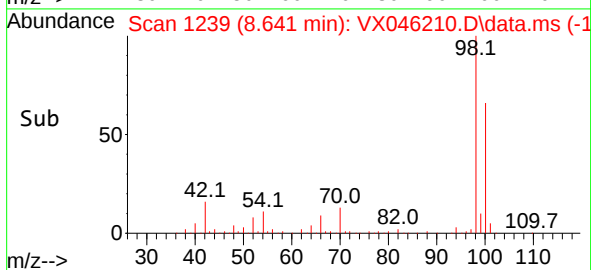
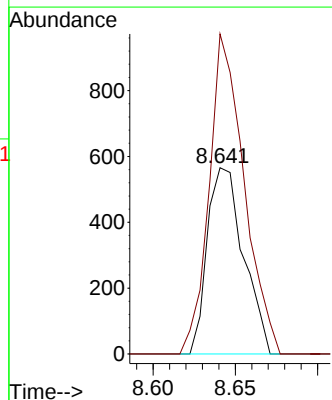
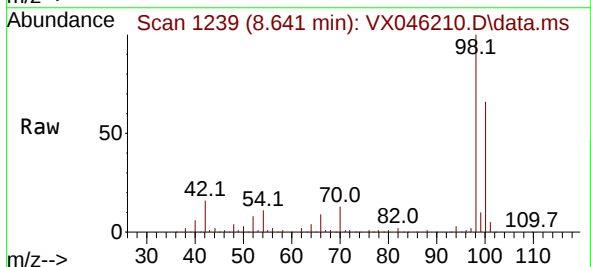
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 153506
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.587 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 165.8 28.9 43.3#

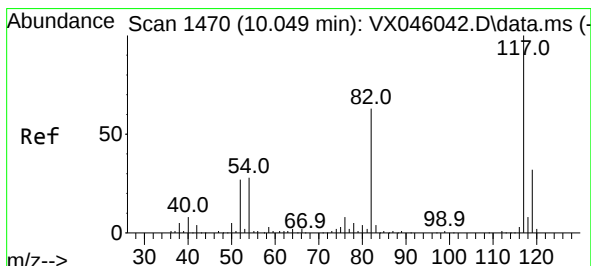
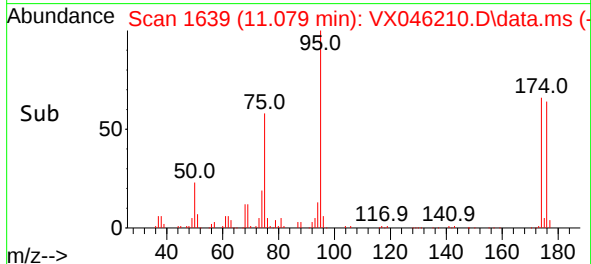
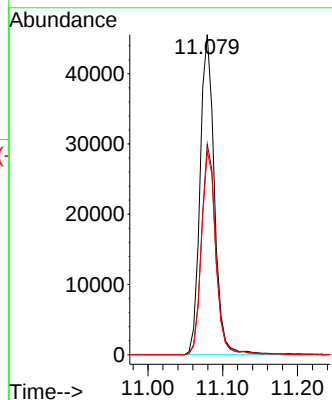
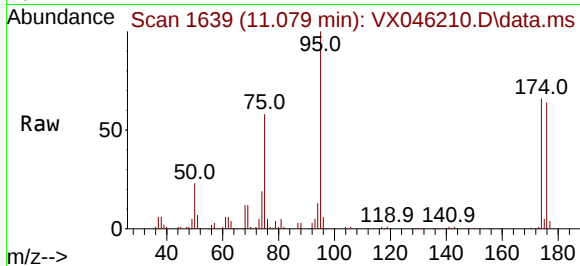




#62
4-Bromofluorobenzene
Concen: 51.920 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

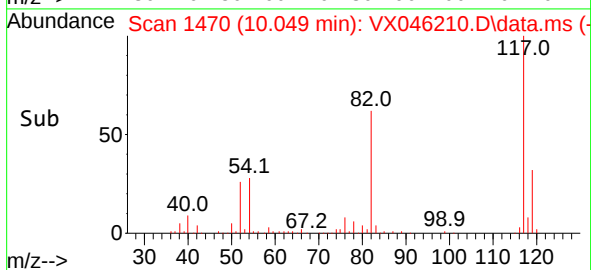
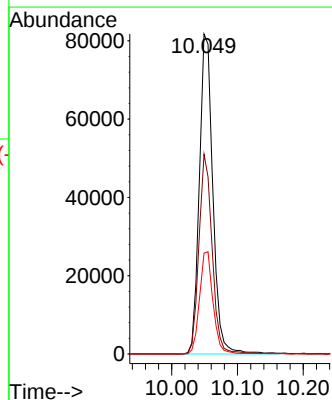
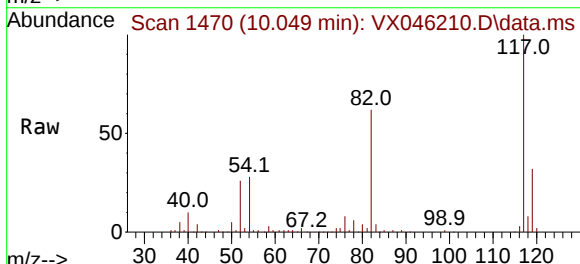
Instrument :
MSVOA_X
ClientSampleId :

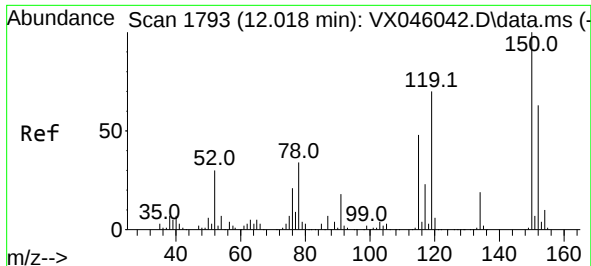
Tgt Ion: 95 Resp: 60489
Ion Ratio Lower Upper
95 100
174 65.7 0.0 135.8
176 63.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046210.D
Acq: 15 May 2025 13:47

Tgt Ion: 117 Resp: 116490
Ion Ratio Lower Upper
117 100
82 62.4 50.6 76.0
119 31.6 25.8 38.6

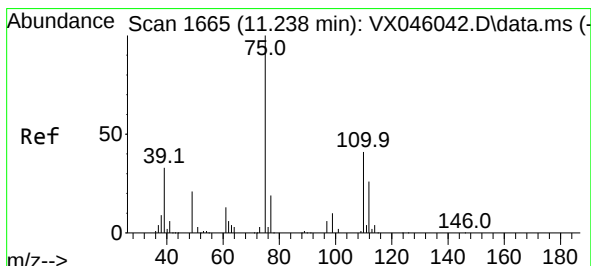
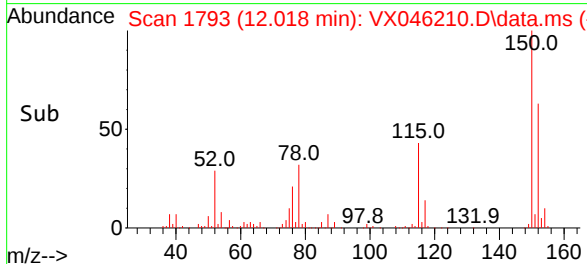
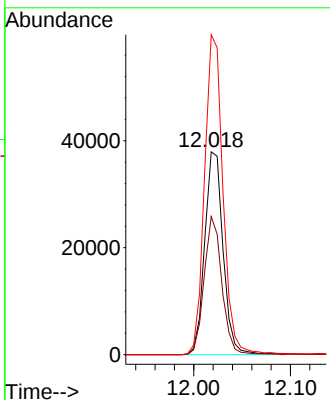
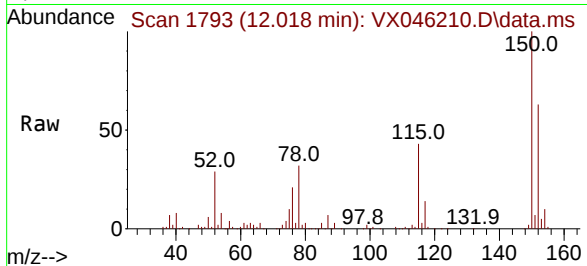




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046210.D
 Acq: 15 May 2025 13:47

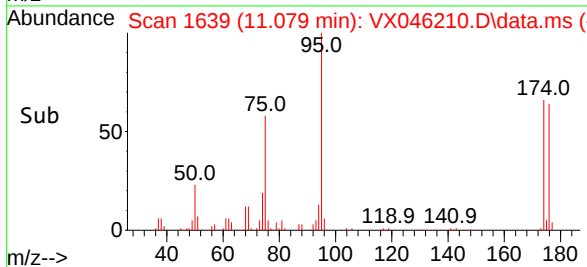
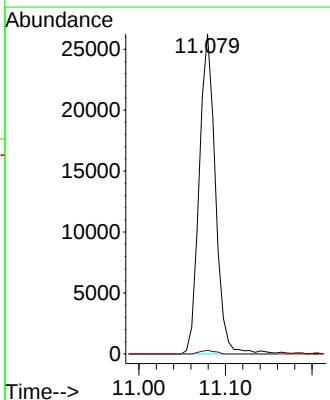
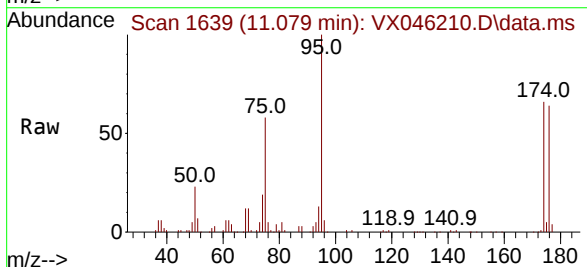
Instrument :
 MSVOA_X
 ClientSampleId :

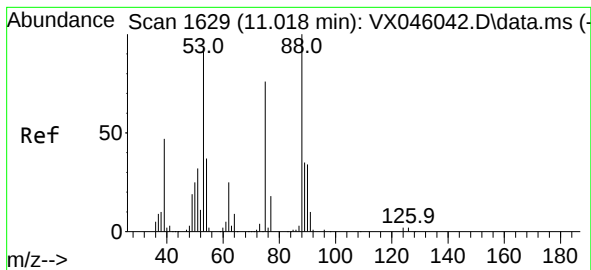
Tgt Ion:152 Resp: 50288
 Ion Ratio Lower Upper
 152 100
 115 65.5 46.9 140.7
 150 158.3 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.214 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046210.D
 Acq: 15 May 2025 13:47

Tgt Ion: 75 Resp: 34152
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.856 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046210.D
 Acq: 15 May 2025 13:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 34152
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

