

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046213.D
 Acq On : 15 May 2025 14:58
 Operator : JC/MD
 Sample : Q2050-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 16 01:06:35 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)

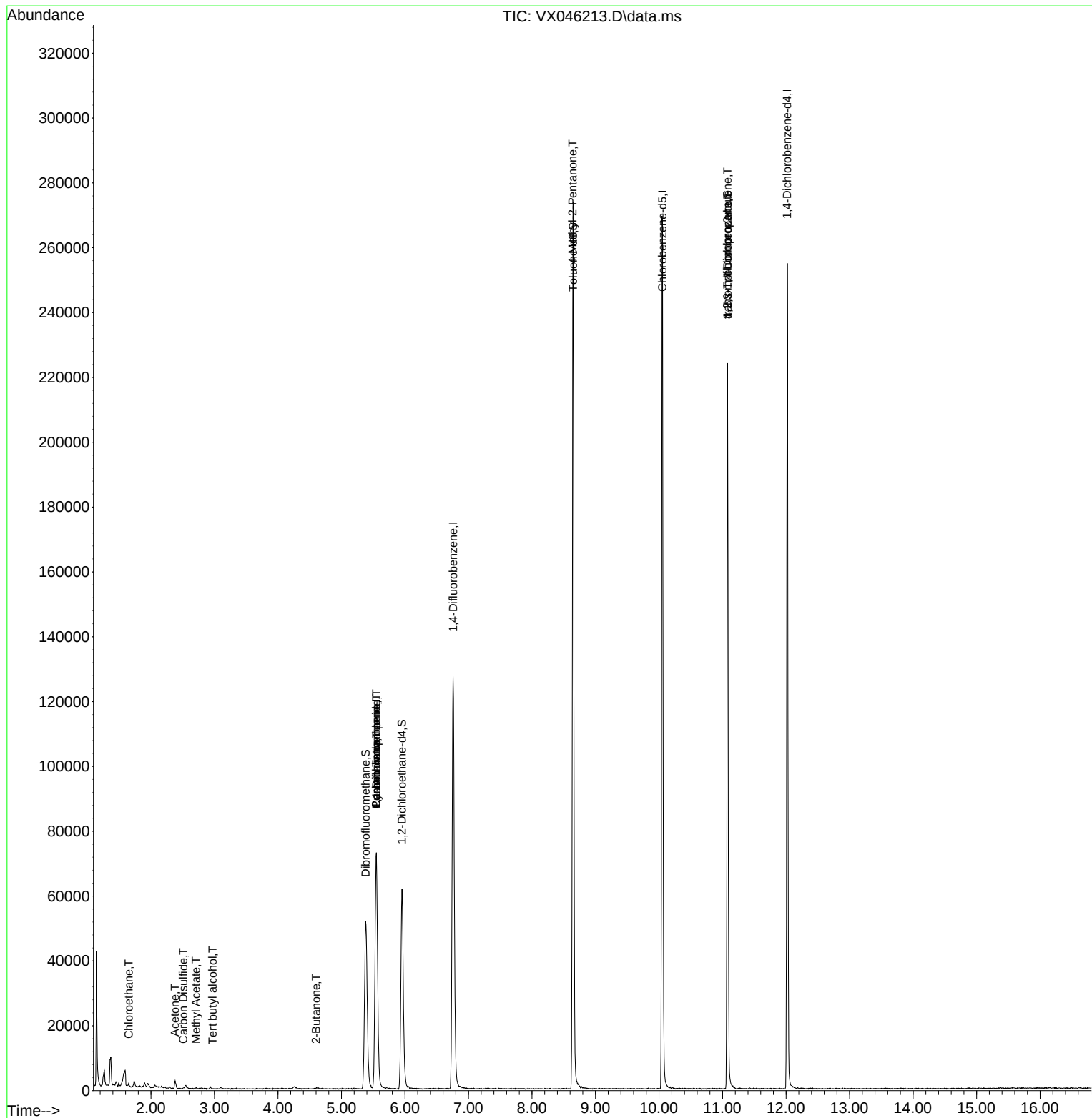
Internal Standards						
1) Pentafluorobenzene	5.550	168	60533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62575	55.448	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.900%	
35) Dibromofluoromethane	5.379	113	45370	52.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.020%	
50) Toluene-d8	8.647	98	155555	51.519	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	11.079	95	57300	49.474	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.940%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.648	64	108	0.242	ug/l #	44
11) Tert butyl alcohol	2.971	59	57	0.360	ug/l #	72
16) Acetone	2.380	43	2332	5.154	ug/l	99
17) Carbon Disulfide	2.508	76	377	0.222	ug/l #	76
18) Methyl Acetate	2.709	43	251	0.239	ug/l #	55
25) 2-Butanone	4.599	43	488	0.743	ug/l #	53
31) Cyclohexane	5.550	56	1916	1.425	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	6019	5.135	ug/l #	52
38) Carbon Tetrachloride	5.550	117	7583	5.758	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	811	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33197	29.092	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33197	94.714	ug/l #	1

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

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Sample : Q2050-05
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MSVOA_X
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Quant Time: May 16 01:06:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

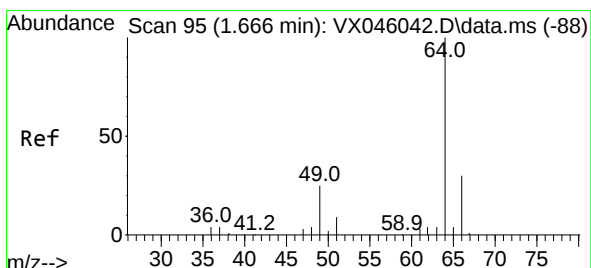
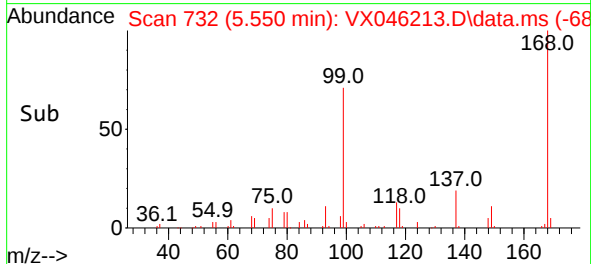
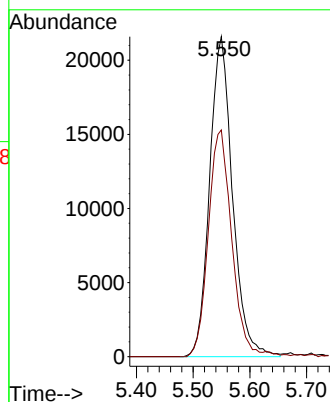
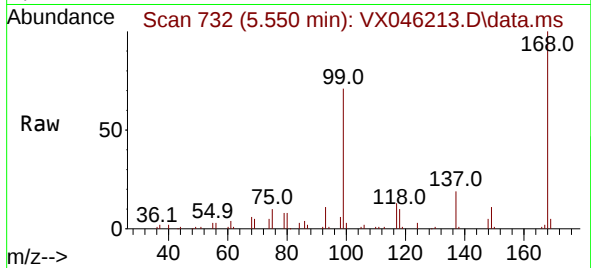




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

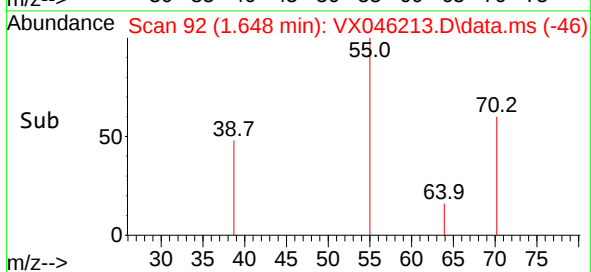
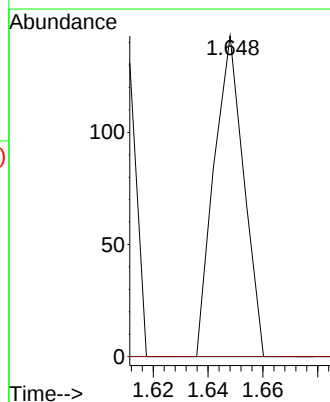
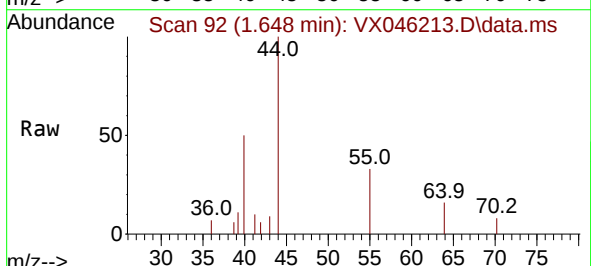
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 60533
Ion Ratio Lower Upper
168 100
99 70.9 54.9 82.3



#6
Chloroethane
Concen: 0.242 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.018 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

Tgt Ion: 64 Resp: 108
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#

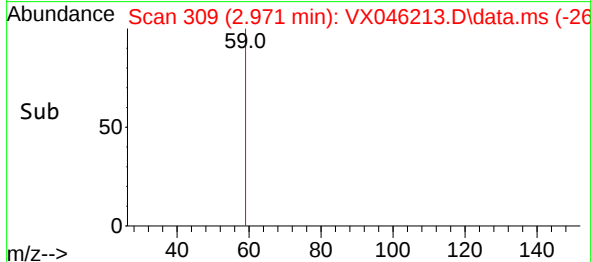
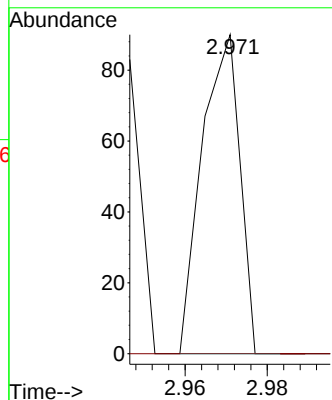
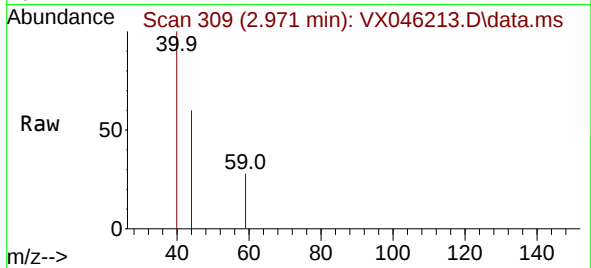




#11
Tert butyl alcohol
Concen: 0.360 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

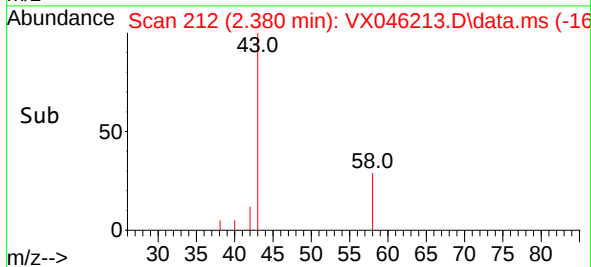
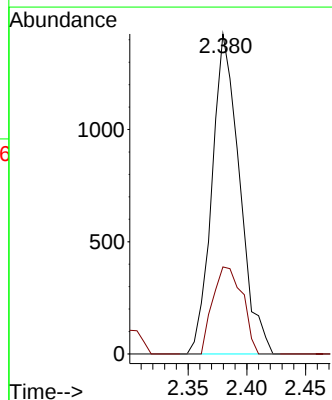
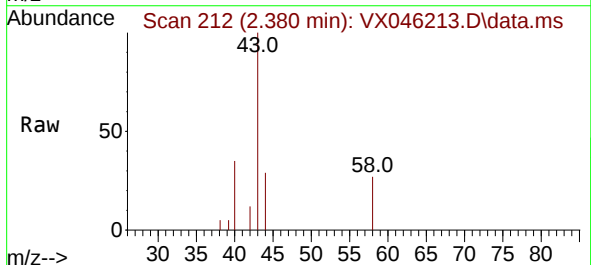
Instrument :
MSVOA_X
ClientSampleId :

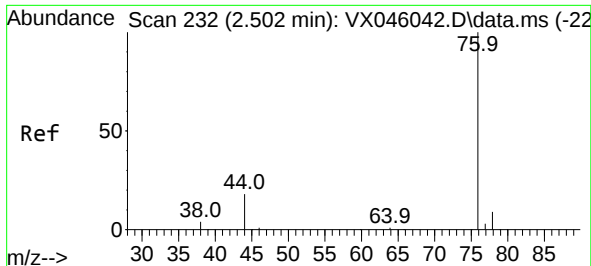
Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 5.154 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

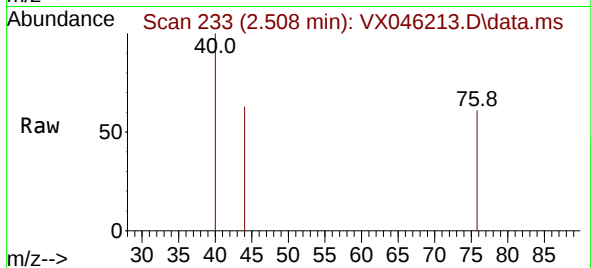
Tgt Ion: 43 Resp: 2332
Ion Ratio Lower Upper
43 100
58 27.2 21.2 31.8



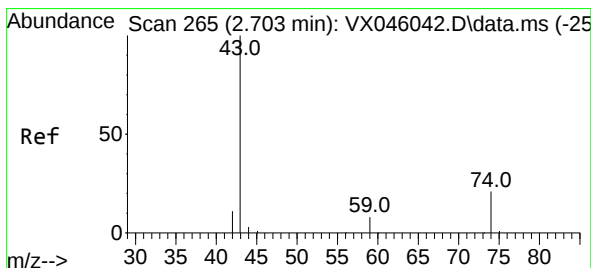
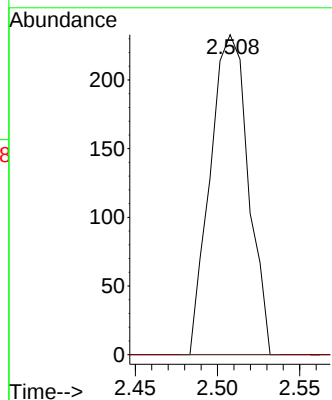
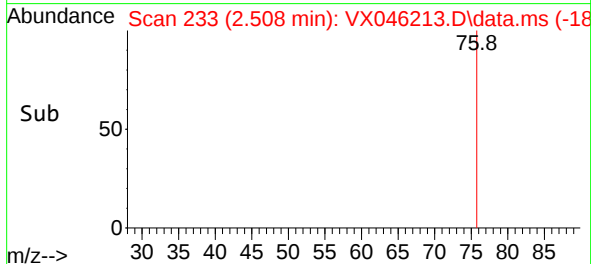


#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

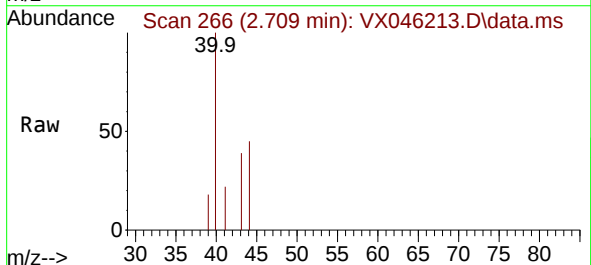
Instrument :
MSVOA_X
ClientSampleId :



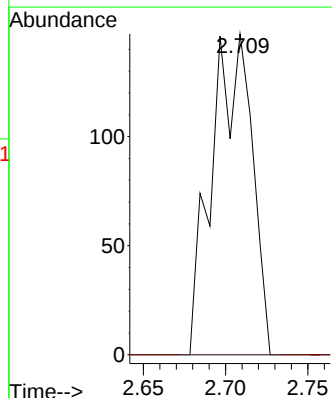
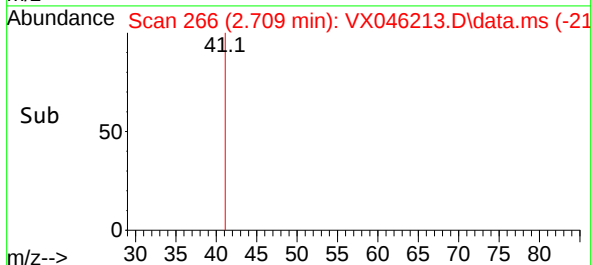
Tgt Ion: 76 Resp: 377
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

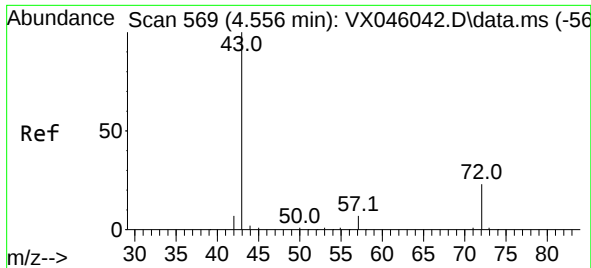


#18
Methyl Acetate
Concen: 0.239 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58



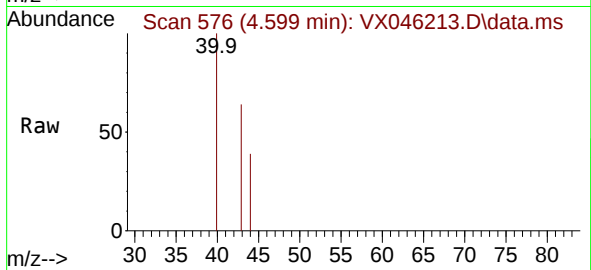
Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



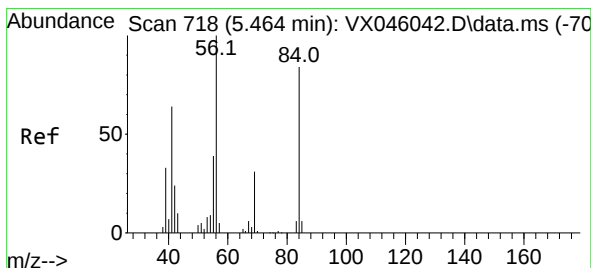
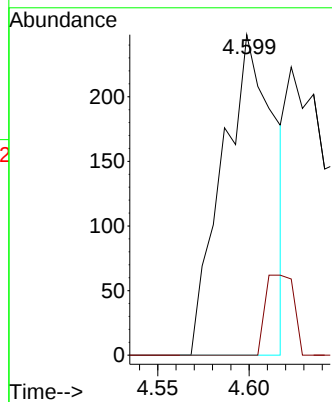
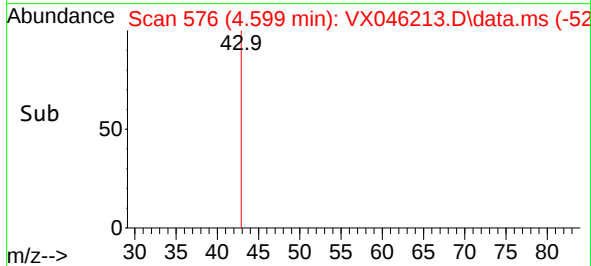


#25
2-Butanone
Concen: 0.743 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

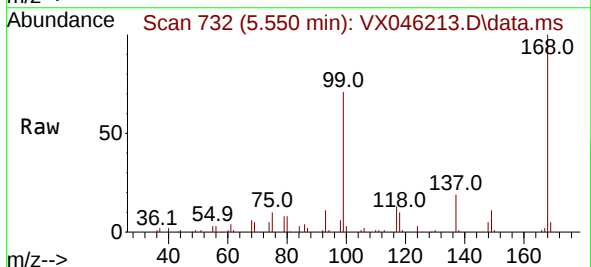
Instrument :
MSVOA_X
ClientSampleId :



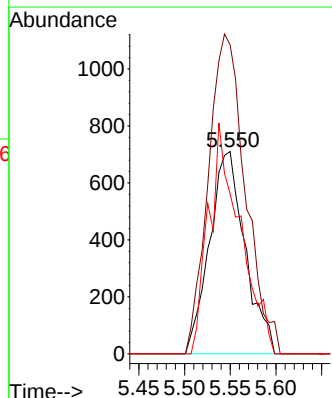
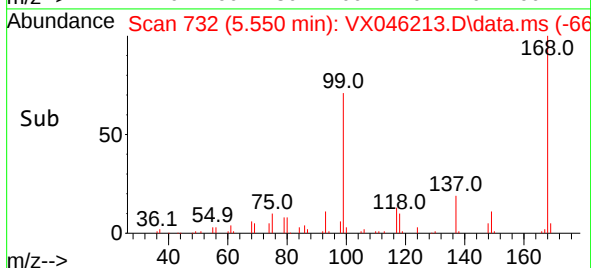
Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
72 0.0 18.4 27.6#

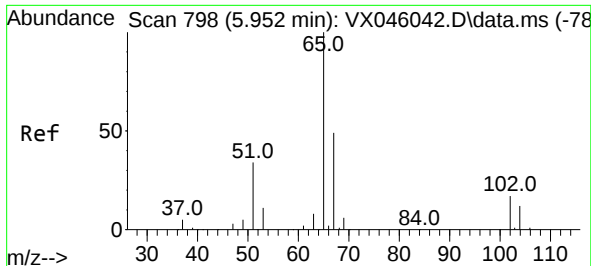


#31
Cyclohexane
Concen: 1.425 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58



Tgt Ion: 56 Resp: 1916
Ion Ratio Lower Upper
56 100
69 152.8 24.4 36.6#
84 79.2 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 55.448 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046213.D

Acq: 15 May 2025 14:58

Instrument :

MSVOA_X

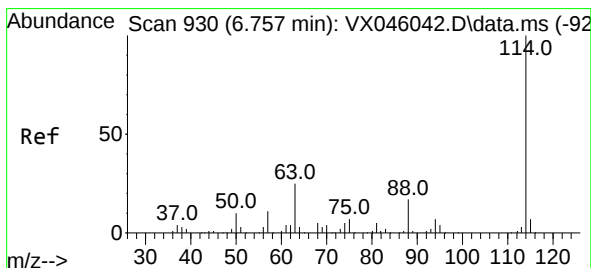
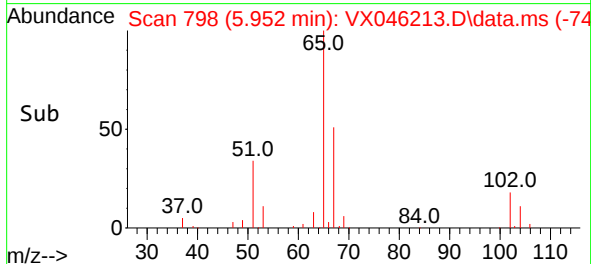
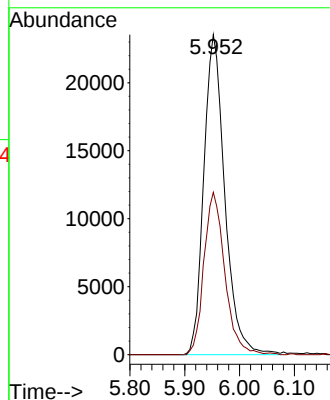
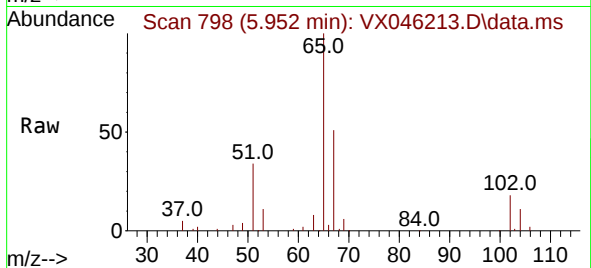
ClientSampleId :

Tgt Ion: 65 Resp: 62575

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046213.D

Acq: 15 May 2025 14:58

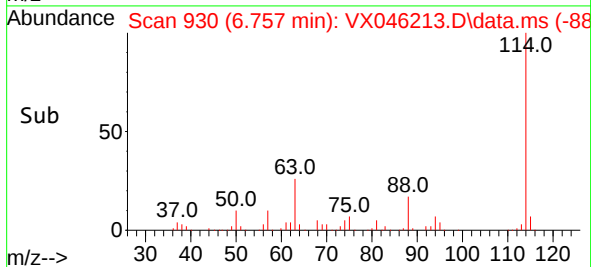
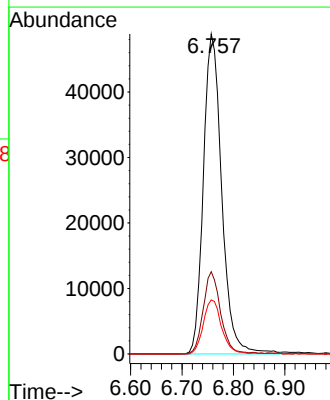
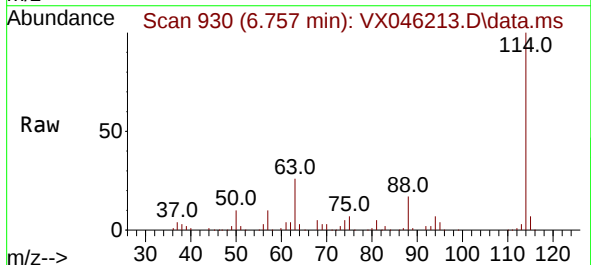
Tgt Ion: 114 Resp: 121144

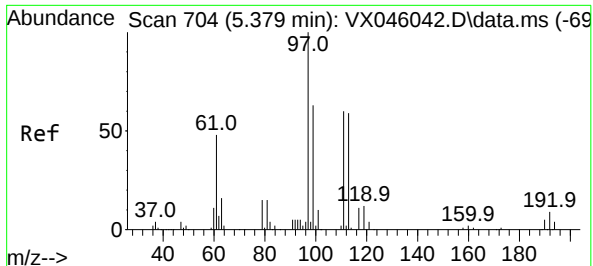
Ion Ratio Lower Upper

114 100

63 25.7 0.0 49.2

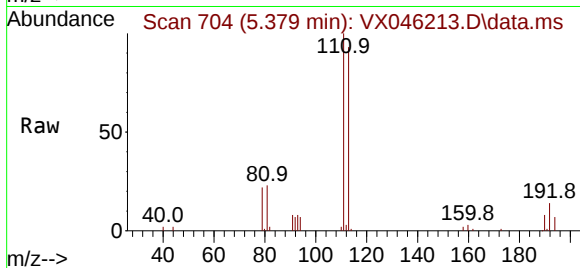
88 16.9 0.0 33.6



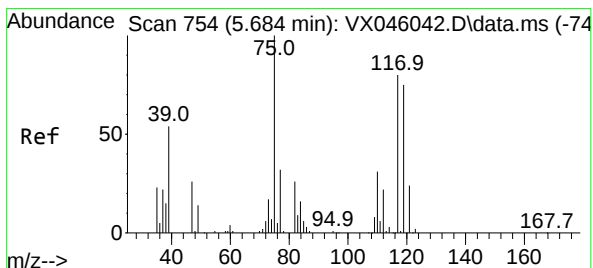
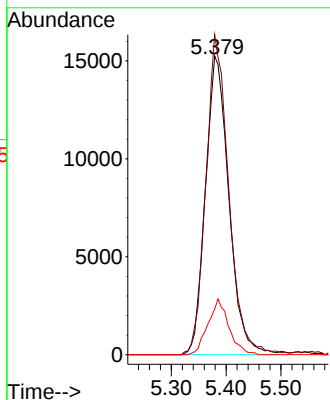
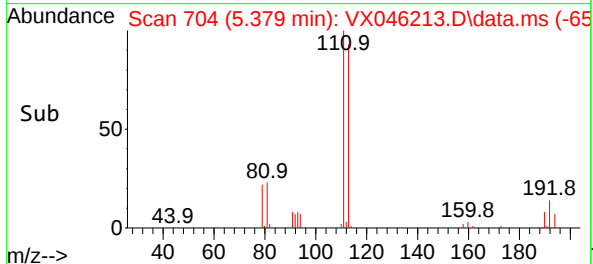


#35
Dibromofluoromethane
Concen: 52.008 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

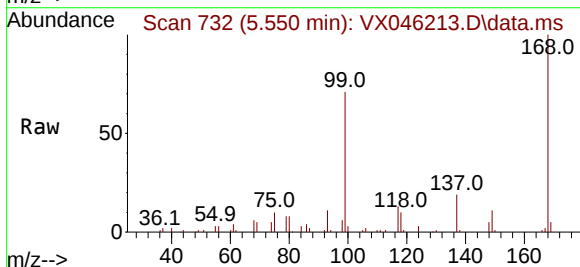
Instrument :
MSVOA_X
ClientSampleId :



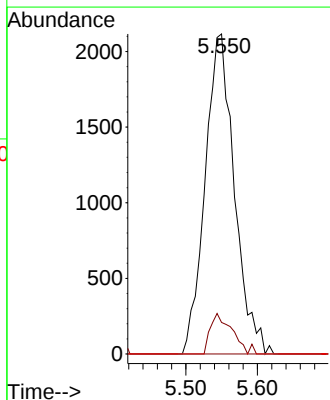
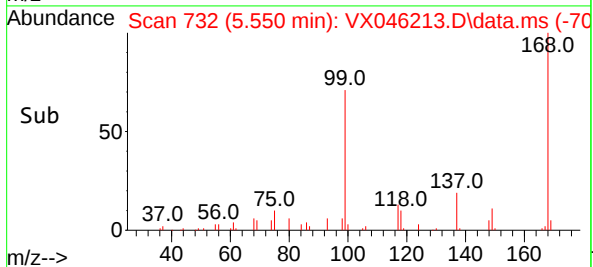
Tgt Ion:113 Resp: 45370
Ion Ratio Lower Upper
113 100
111 104.4 83.1 124.7
192 16.6 13.3 19.9

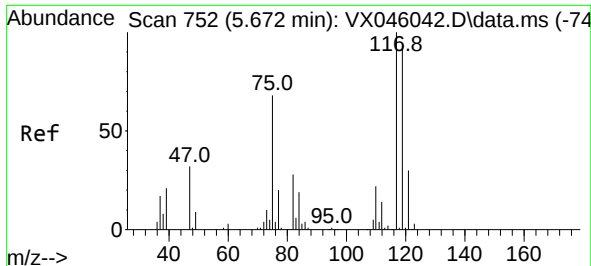


#36
1,1-Dichloropropene
Concen: 5.135 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58



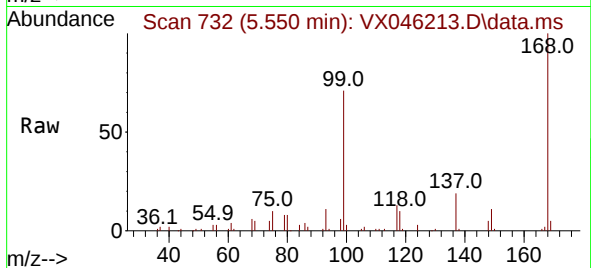
Tgt Ion: 75 Resp: 6019
Ion Ratio Lower Upper
75 100
110 9.5 16.3 48.9#
77 0.0 24.3 36.5#



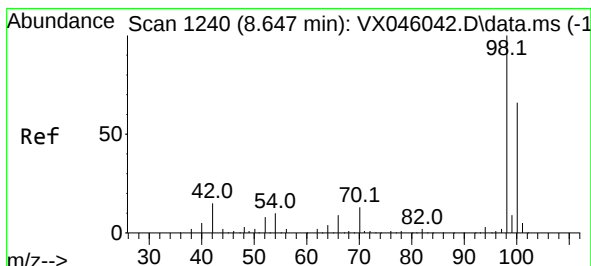
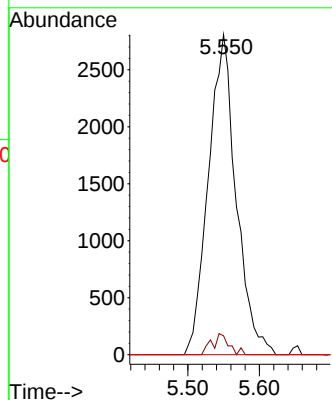
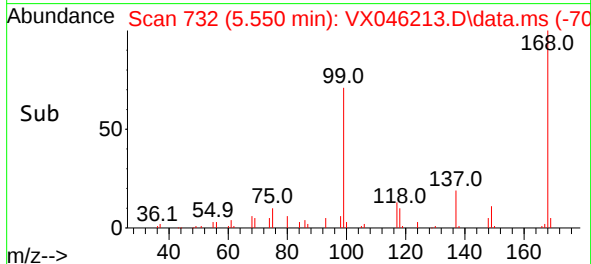


#38
Carbon Tetrachloride
Concen: 5.758 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :

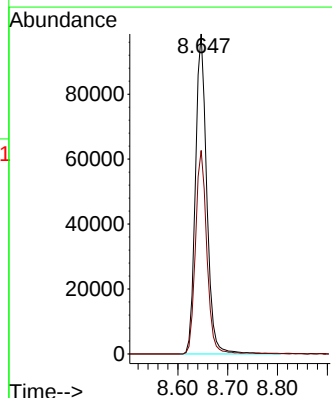
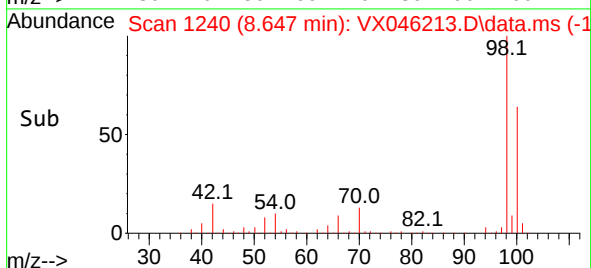
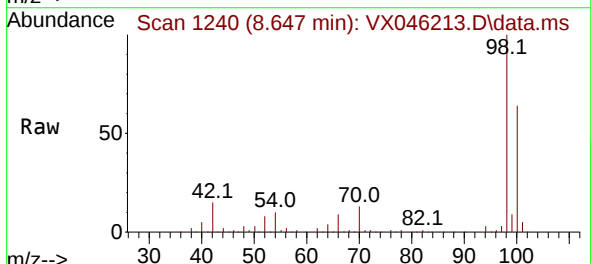


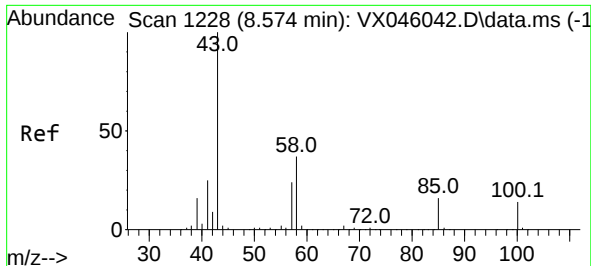
Tgt Ion:117 Resp: 7583
Ion Ratio Lower Upper
117 100
119 5.9 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 51.519 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

Tgt Ion: 98 Resp: 155555
Ion Ratio Lower Upper
98 100
100 63.3 53.5 80.3

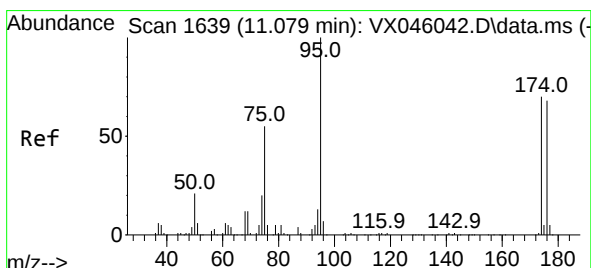
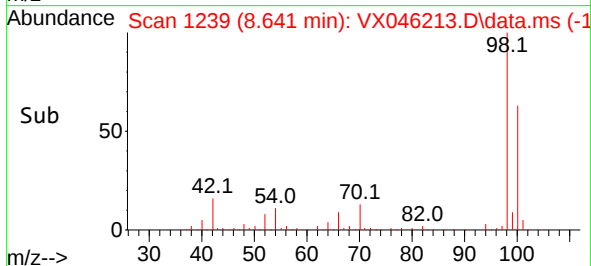
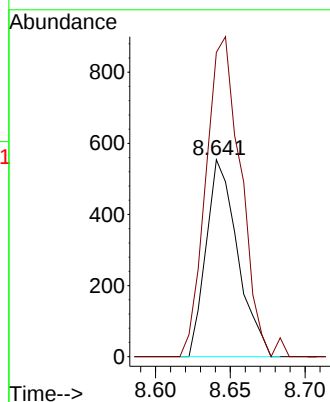
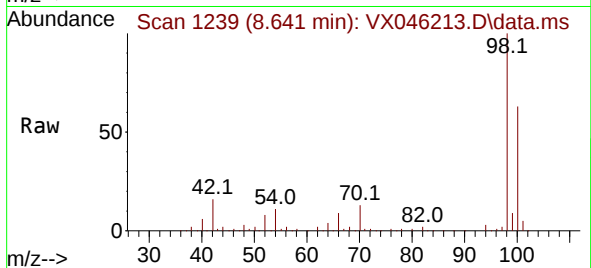




#51
4-Methyl-2-Pentanone
Concen: 0.553 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

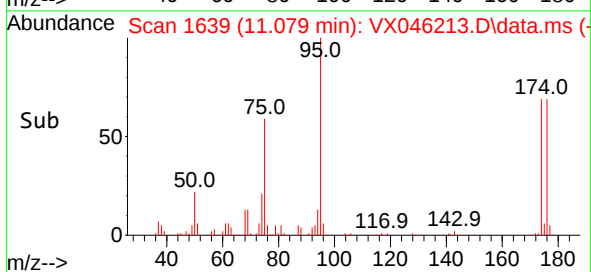
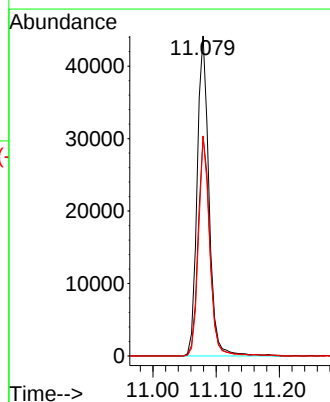
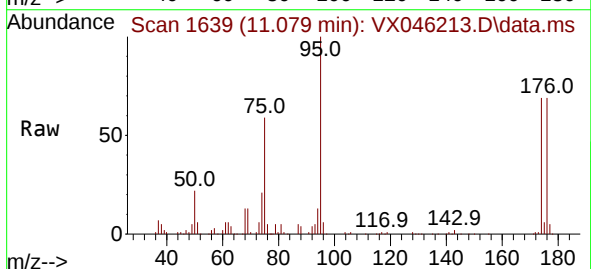
Instrument :
MSVOA_X
ClientSampleId :

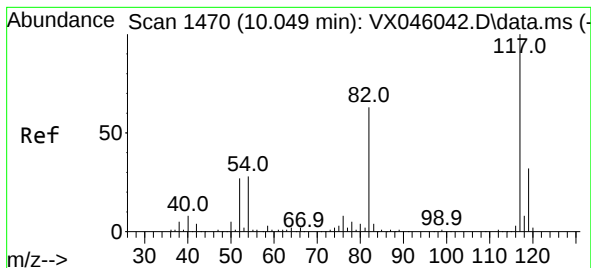
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 181.3 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 49.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

Tgt Ion: 95 Resp: 57300
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 64.6 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX046213.D

Acq: 15 May 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

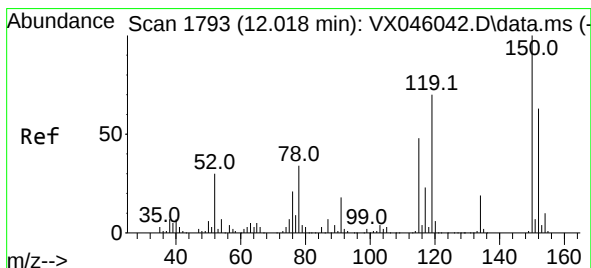
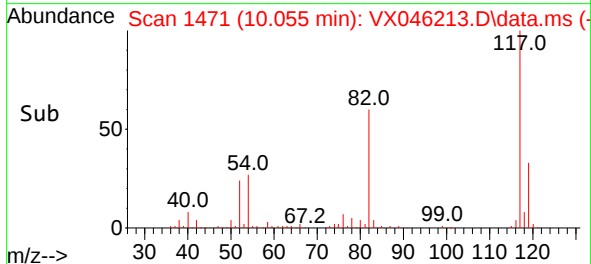
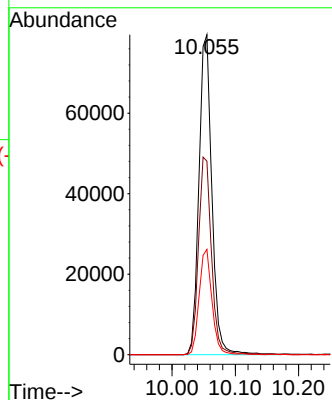
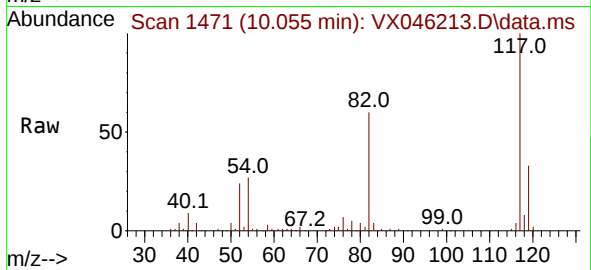
Tgt Ion:117 Resp: 113426

Ion Ratio Lower Upper

117 100

82 60.4 50.6 76.0

119 32.9 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046213.D

Acq: 15 May 2025 14:58

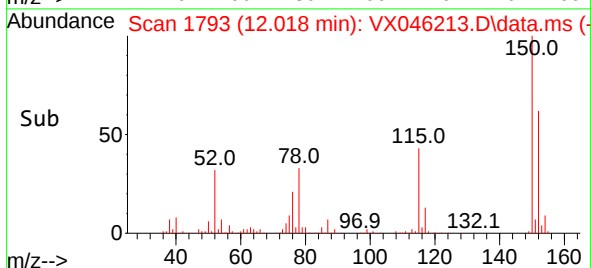
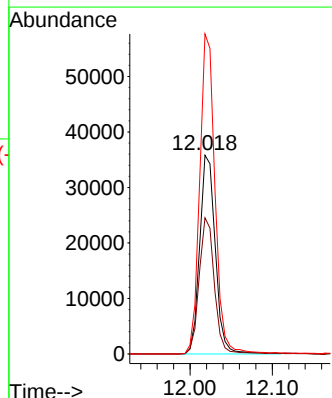
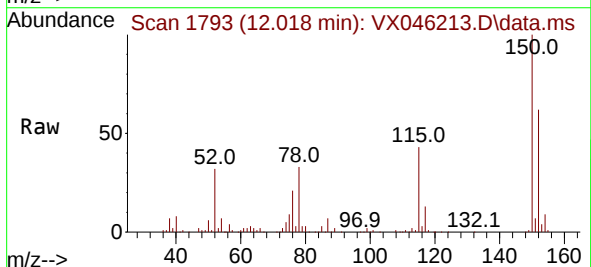
Tgt Ion:152 Resp: 47407

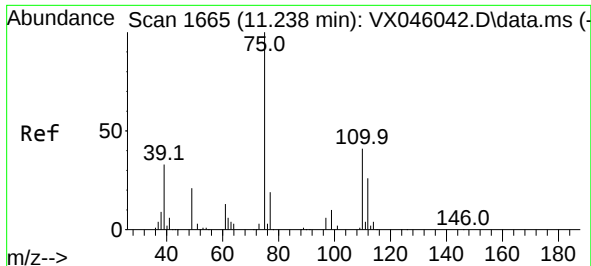
Ion Ratio Lower Upper

152 100

115 66.7 46.9 140.7

150 158.2 0.0 351.0

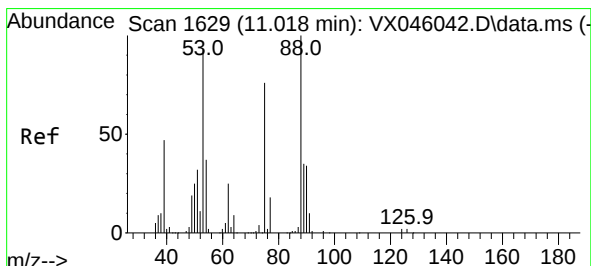
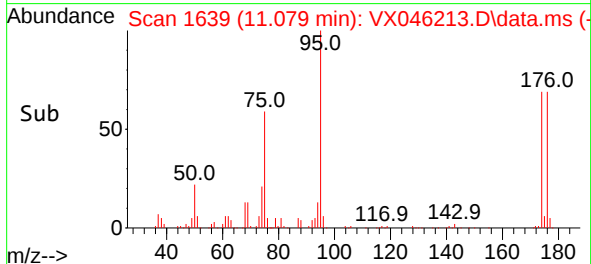
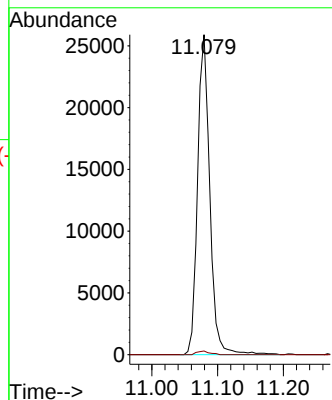
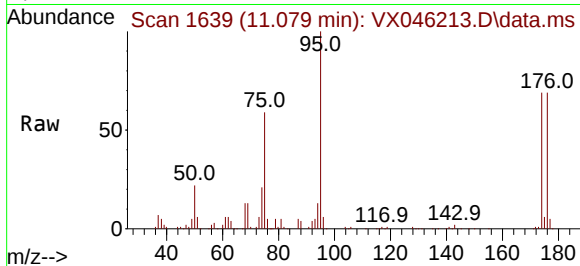




#76
1,2,3-Trichloropropane
Concen: 29.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 33197
Ion Ratio Lower Upper
75 100
77 1.2 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.714 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046213.D
Acq: 15 May 2025 14:58

Tgt Ion: 75 Resp: 33197
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

