

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046767.D
 Acq On : 19 Jun 2025 13:15
 Operator : JC/MD
 Sample : Q2334-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBTW1

Quant Time: Jun 20 05:19:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

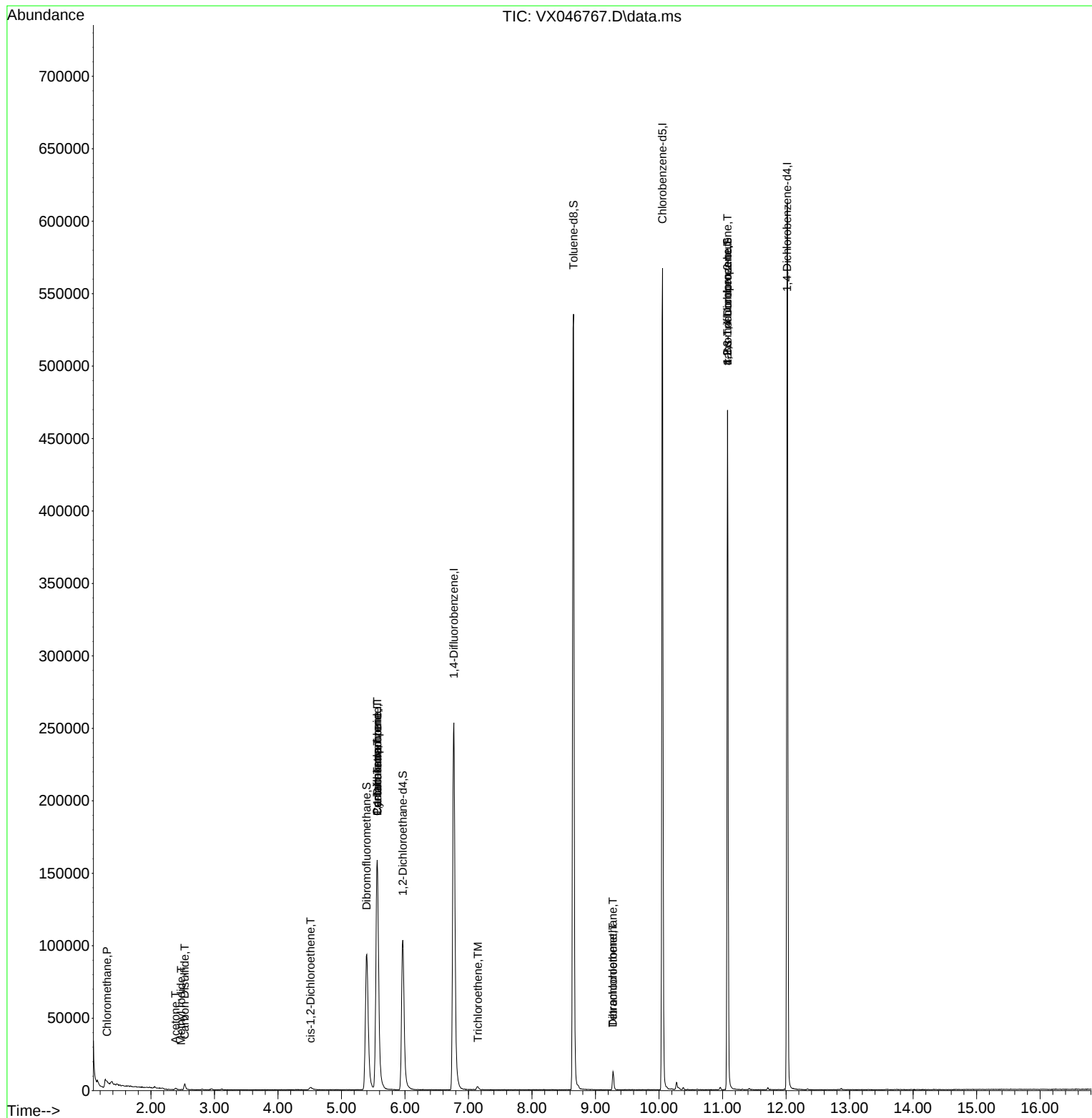
Internal Standards						
1) Pentafluorobenzene	5.562	168	164981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	283367	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	125261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110074	48.236	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.480%
35) Dibromofluoromethane	5.397	113	92057	49.101	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.200%
50) Toluene-d8	8.653	98	334848	49.711	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.420%
62) 4-Bromofluorobenzene	11.079	95	125274	49.892	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	602	0.317	ug/l #	87
10) Methyl Iodide	2.477	142	263	4.435	ug/l #	38
16) Acetone	2.386	43	1511	1.986	ug/l #	77
17) Carbon Disulfide	2.532	76	4809	0.874	ug/l	98
27) cis-1,2-Dichloroethene	4.513	96	1436	0.627	ug/l	83
31) Cyclohexane	5.562	56	3468	1.015	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	13220	4.885	ug/l #	51
38) Carbon Tetrachloride	5.562	117	17135	5.834	ug/l #	17
44) Trichloroethene	7.147	130	1097	0.537	ug/l	77
60) Dibromochloromethane	9.275	129	2598	1.191	ug/l #	11
64) Tetrachloroethene	9.275	164	2566	1.460	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	63909	27.857	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	63909	78.740	ug/l #	7

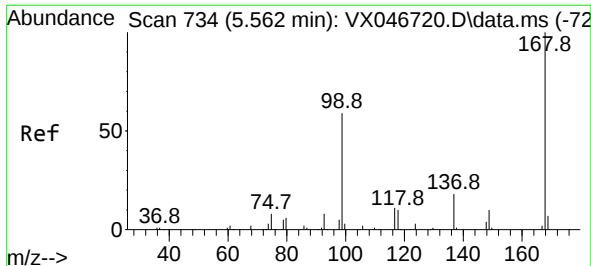
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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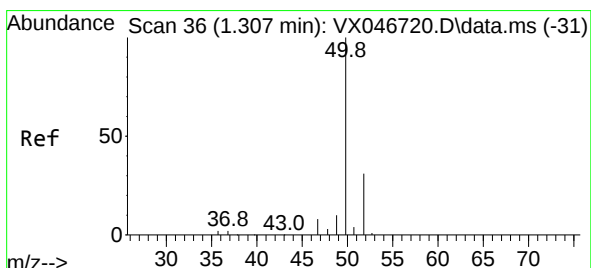
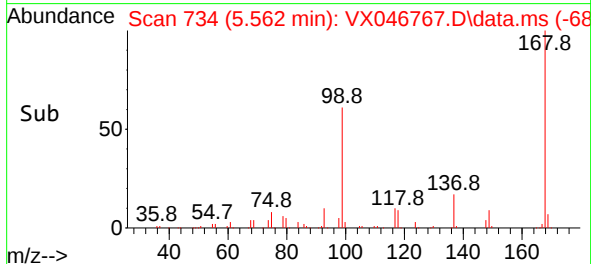
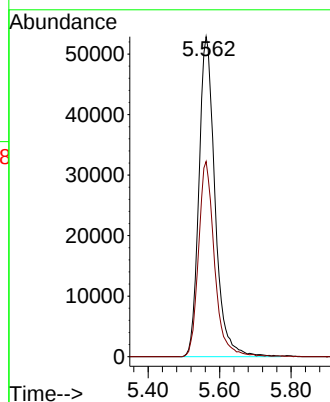
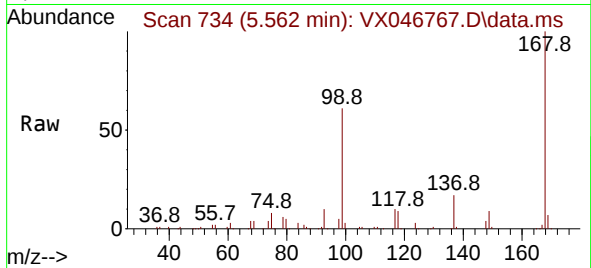




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

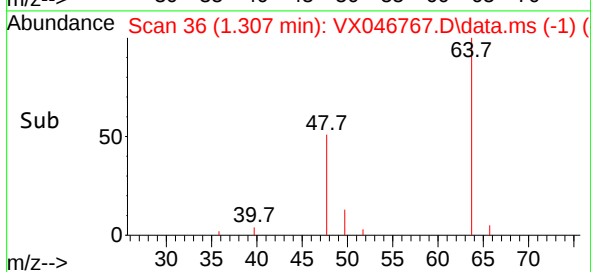
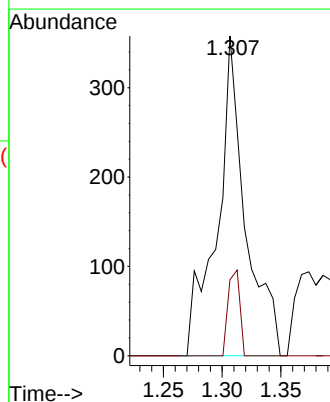
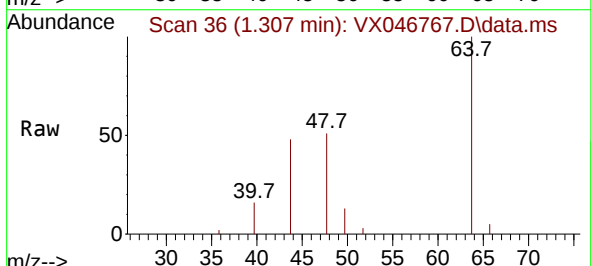
Instrument :
MSVOA_X
ClientSampleId :
GBTW1

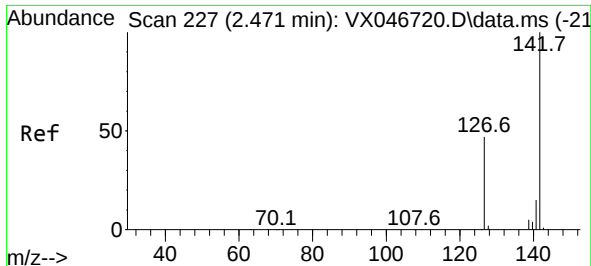
Tgt Ion:168 Resp: 164981
Ion Ratio Lower Upper
168 100
99 61.0 48.5 72.7



#3
Chloromethane
Concen: 0.317 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

Tgt Ion: 50 Resp: 602
Ion Ratio Lower Upper
50 100
52 23.7 24.9 37.3#

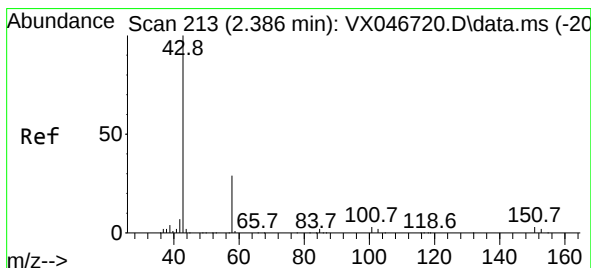
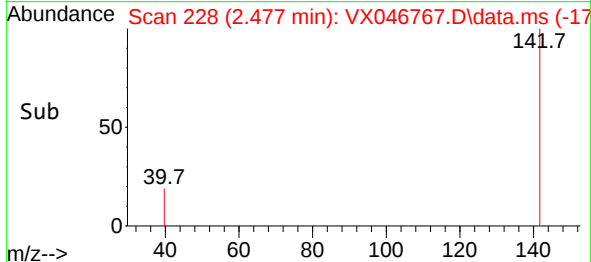
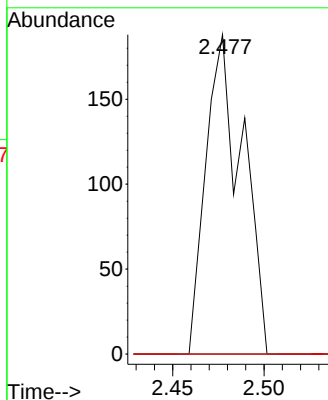
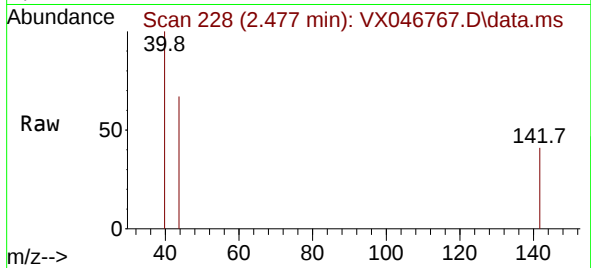




#10
Methyl Iodide
Concen: 4.435 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

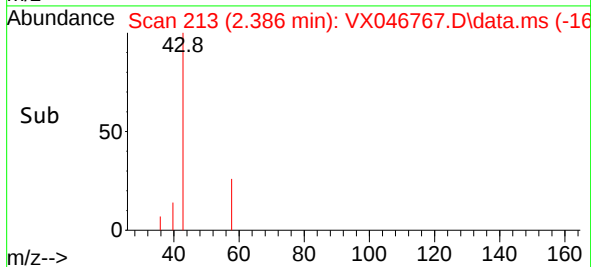
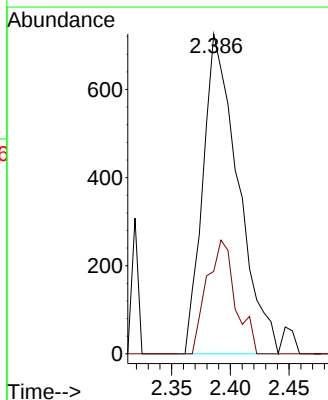
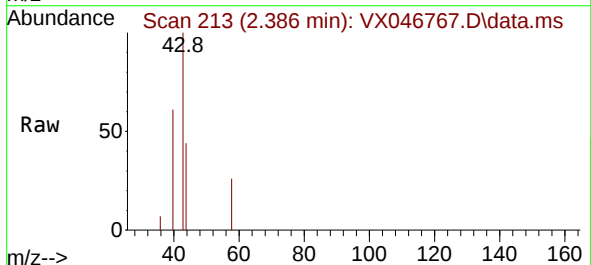
Instrument :
MSVOA_X
ClientSampleId :
GBTW1

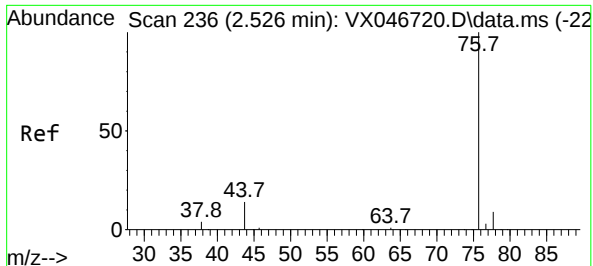
Tgt Ion:142 Resp: 263
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 1.986 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
58 17.8 24.5 36.7#

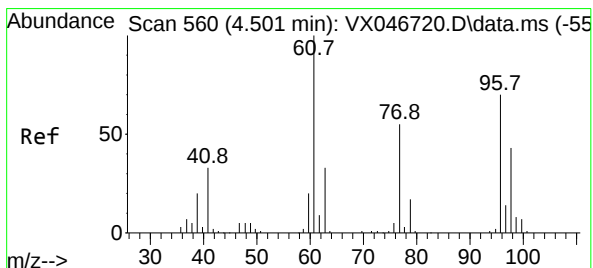
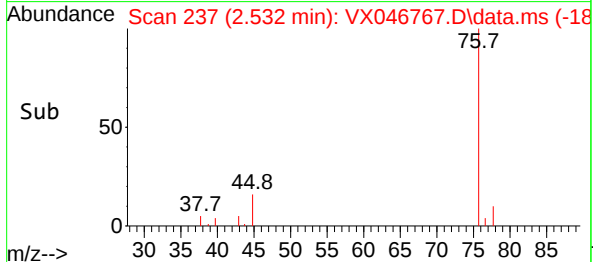
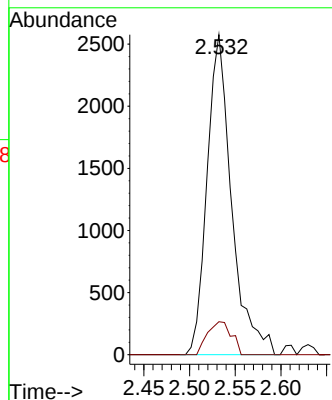
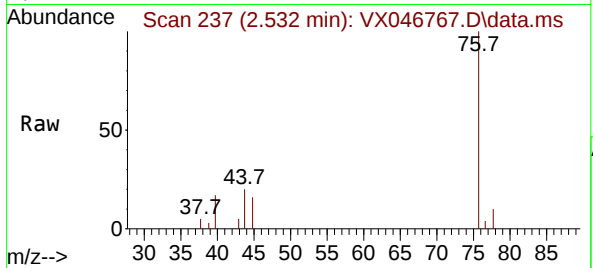




#17
Carbon Disulfide
Concen: 0.874 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

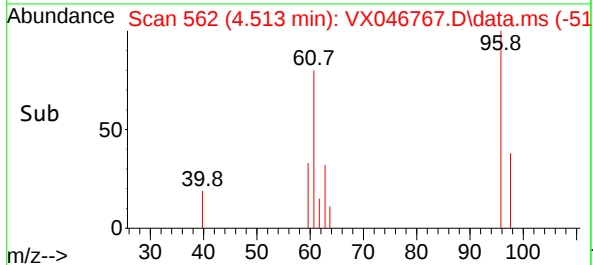
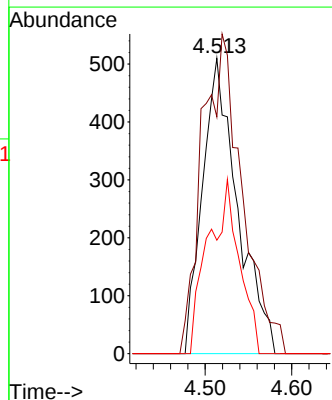
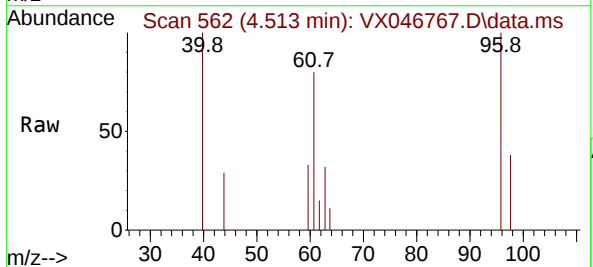
Instrument :
MSVOA_X
ClientSampleId :
GBTW1

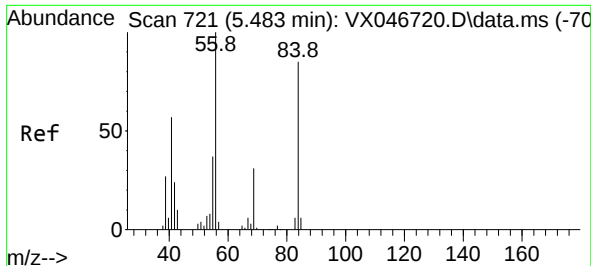
Tgt Ion: 76 Resp: 4809
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#27
cis-1,2-Dichloroethene
Concen: 0.627 ug/l
RT: 4.513 min Scan# 562
Delta R.T. 0.012 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

Tgt Ion: 96 Resp: 1436
Ion Ratio Lower Upper
96 100
61 122.9 0.0 291.0
98 52.4 0.0 126.8

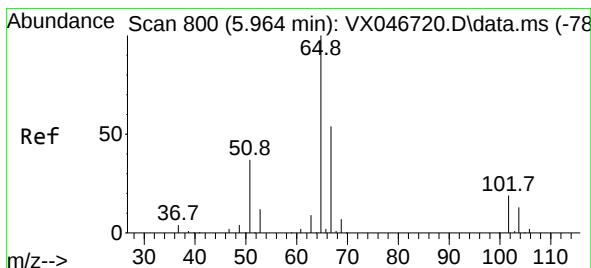
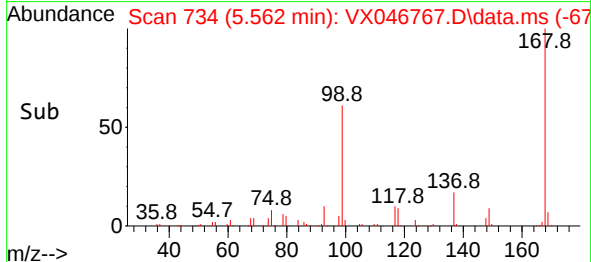
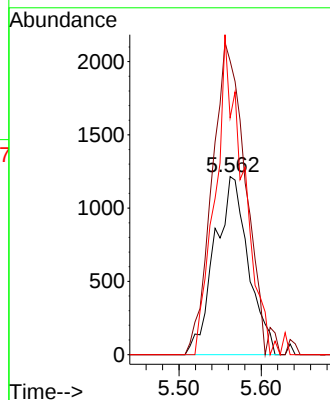
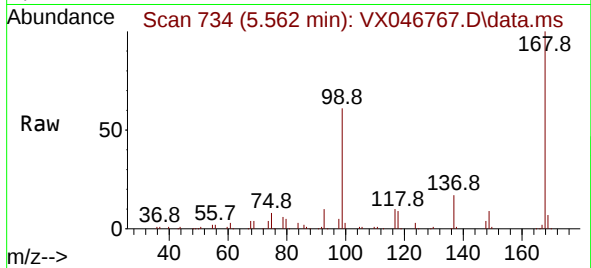




#31
Cyclohexane
Concen: 1.015 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

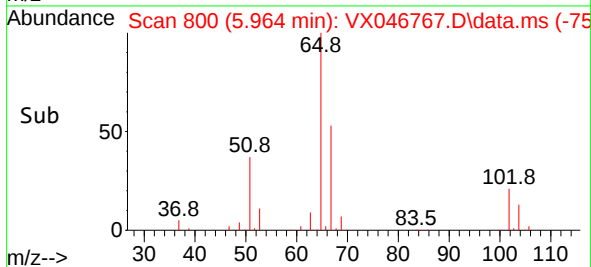
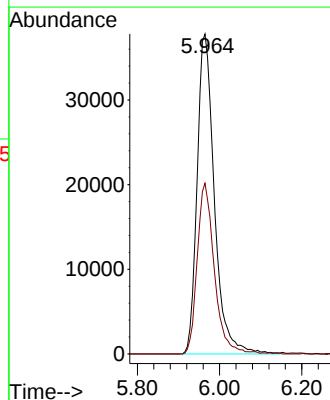
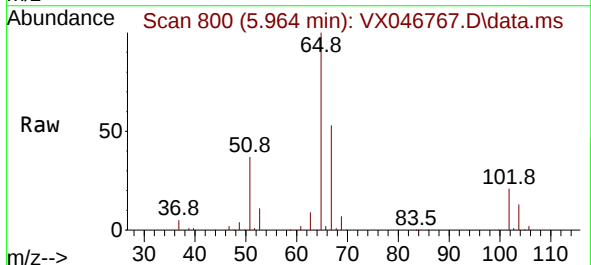
Instrument :
MSVOA_X
ClientSampleId :
GBTW1

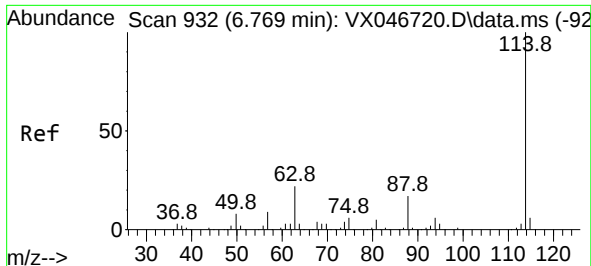
Tgt Ion: 56 Resp: 3468
Ion Ratio Lower Upper
56 100
69 165.0 24.8 37.2#
84 133.0 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 48.236 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

Tgt Ion: 65 Resp: 110074
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

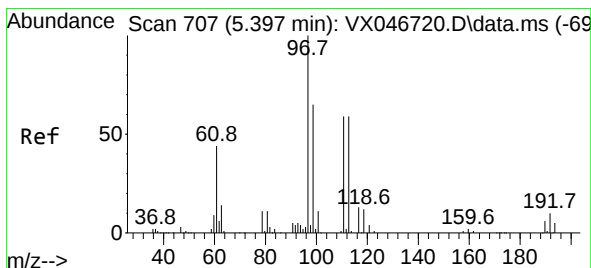
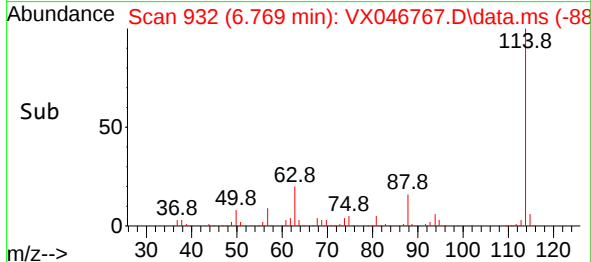
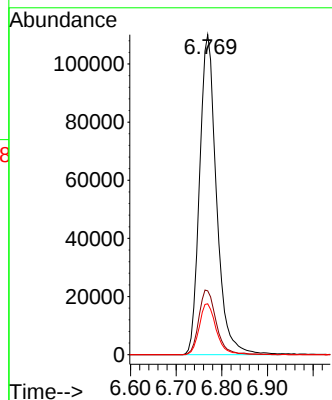
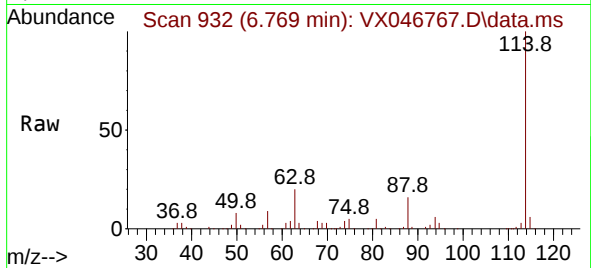




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

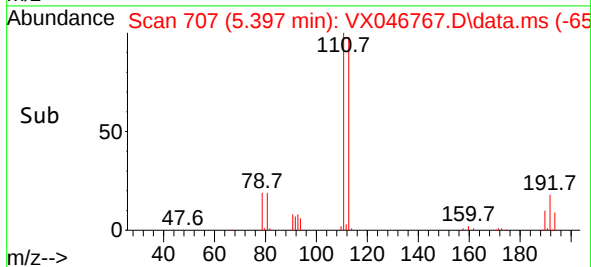
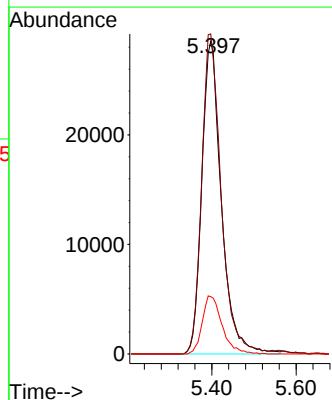
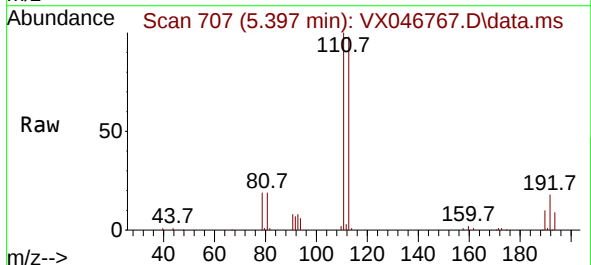
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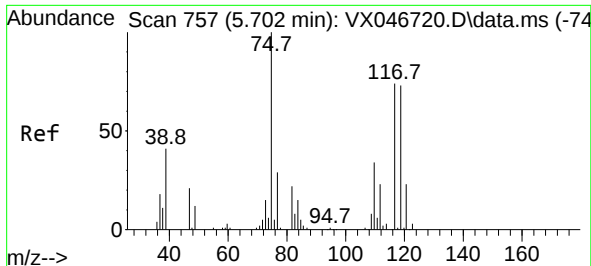
Tgt Ion:114 Resp: 283367
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.2
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.101 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

Tgt Ion:113 Resp: 92057
Ion Ratio Lower Upper
113 100
111 101.9 82.0 123.0
192 18.8 15.3 22.9

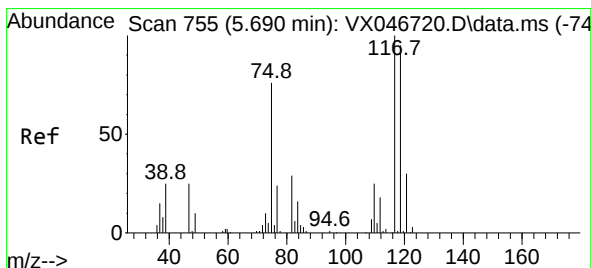
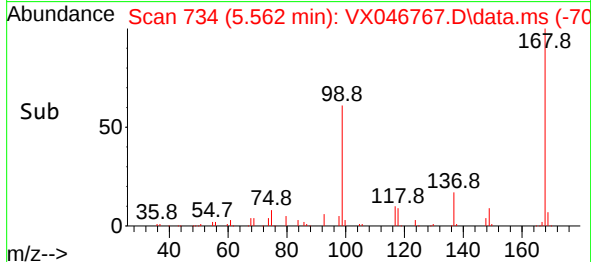
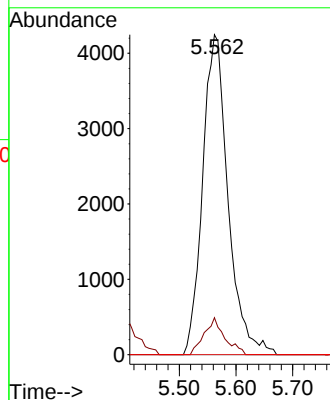
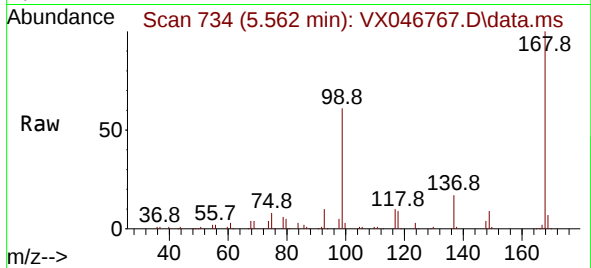




#36
1,1-Dichloropropene
Concen: 4.885 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

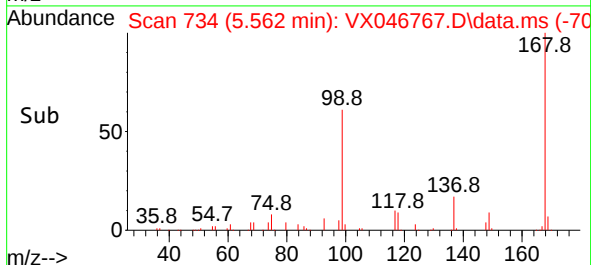
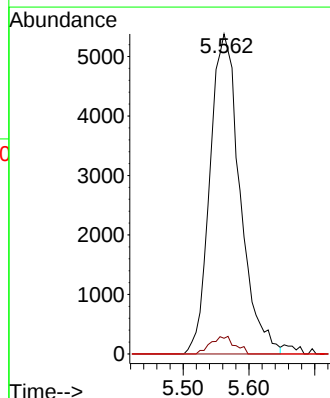
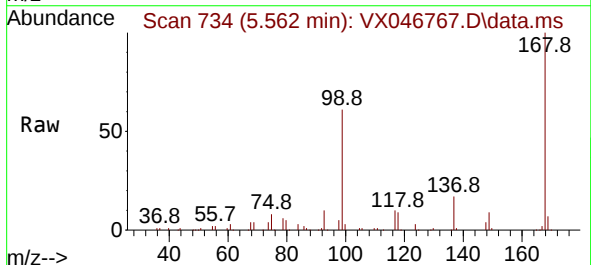
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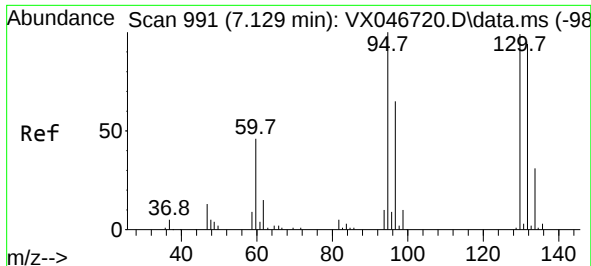
Tgt Ion: 75 Resp: 13220
Ion Ratio Lower Upper
75 100
110 9.3 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.834 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

Tgt Ion: 117 Resp: 17135
Ion Ratio Lower Upper
117 100
119 4.9 75.2 112.8#
121 0.0 24.1 36.1#

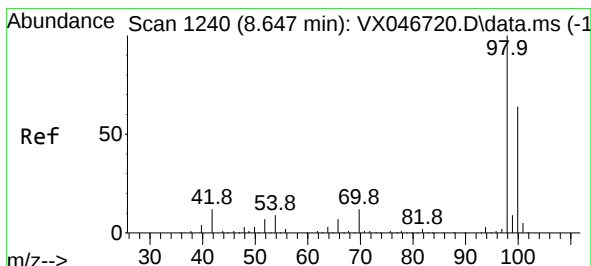
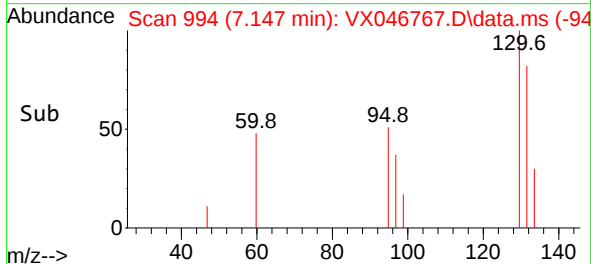
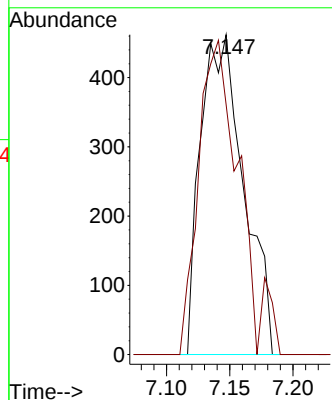
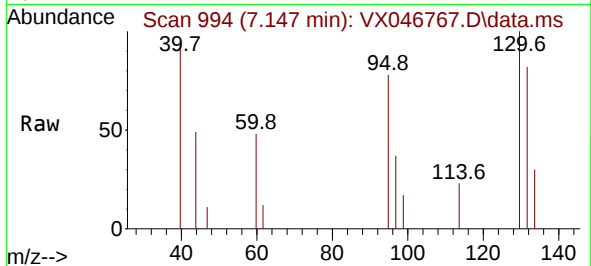




#44
Trichloroethene
Concen: 0.537 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.018 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

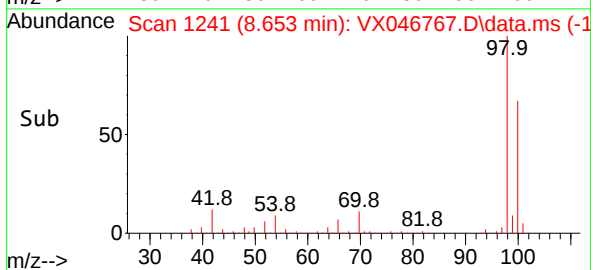
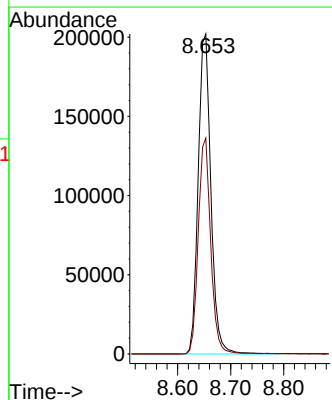
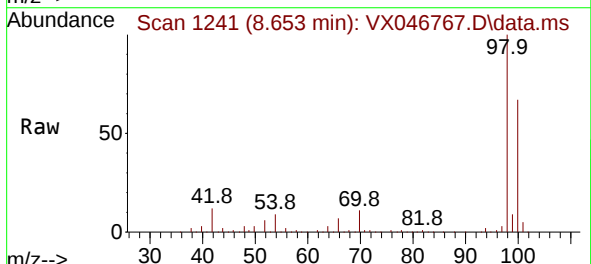
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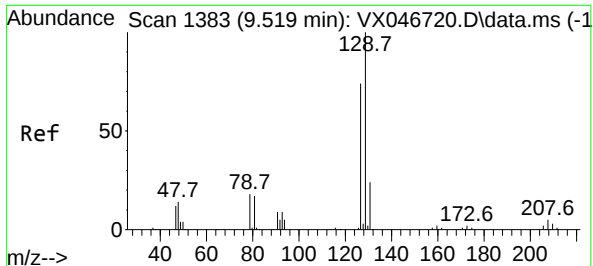
Tgt Ion:130 Resp: 1097
Ion Ratio Lower Upper
130 100
95 78.1 0.0 202.6



#50
Toluene-d8
Concen: 49.711 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

Tgt Ion: 98 Resp: 334848
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

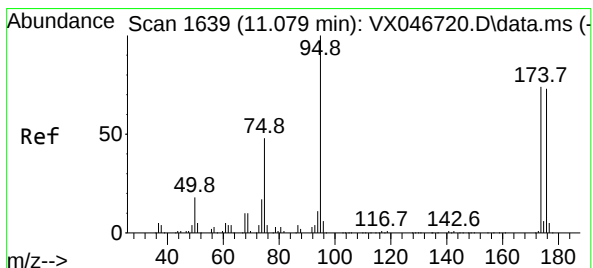
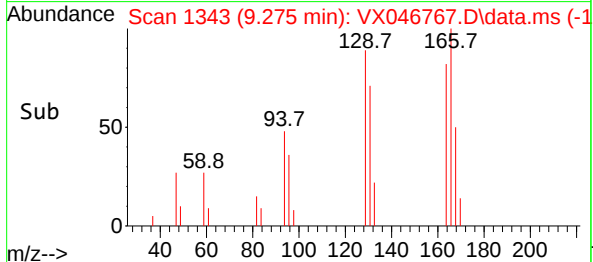
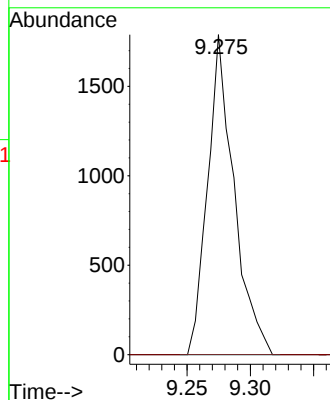
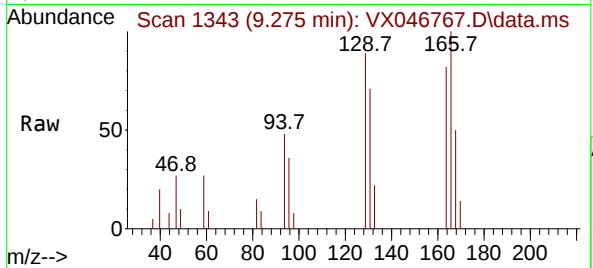




#60
Dibromochloromethane
Concen: 1.191 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

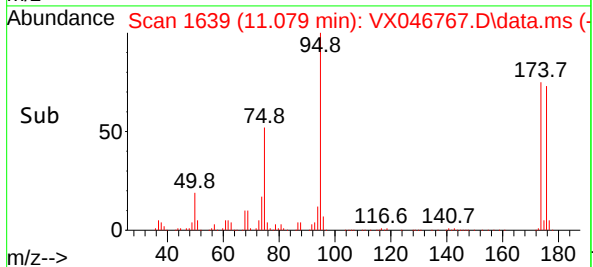
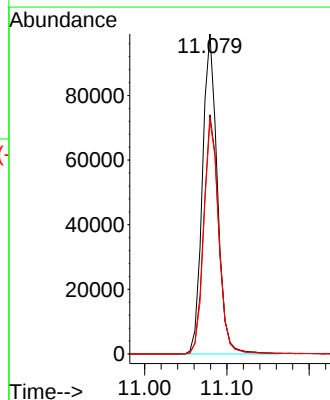
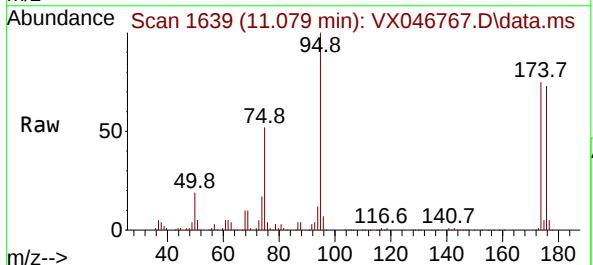
Instrument :
MSVOA_X
ClientSampleId :
GBTW1

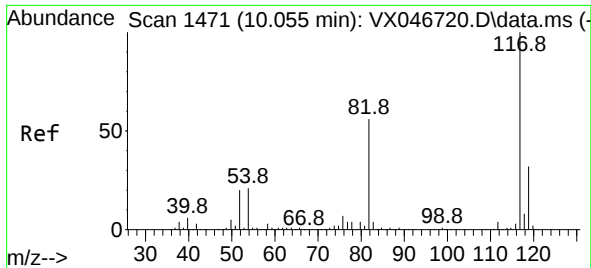
Tgt Ion:129 Resp: 2598
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 49.892 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

Tgt Ion: 95 Resp: 125274
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.4
176 73.2 0.0 145.0

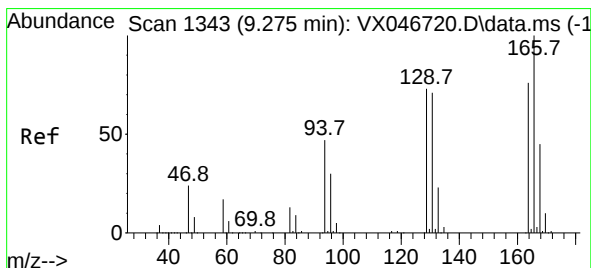
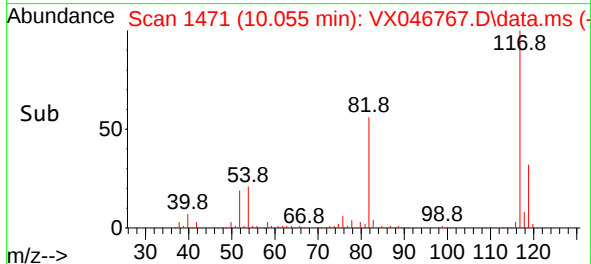
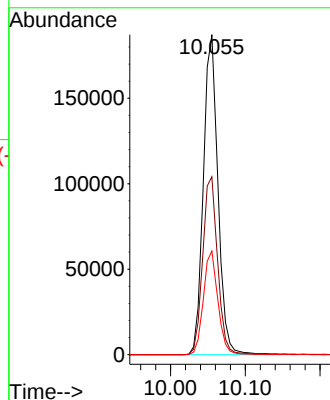
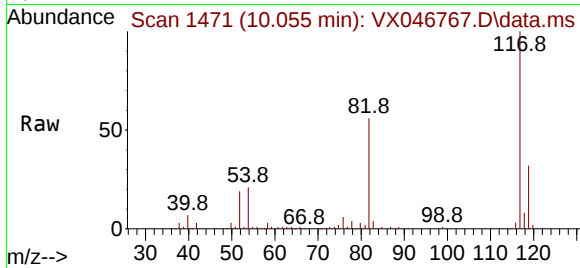




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

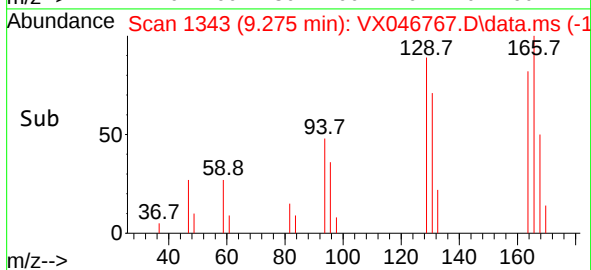
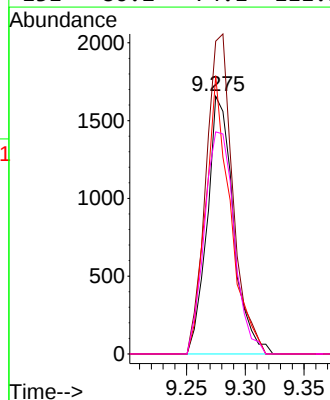
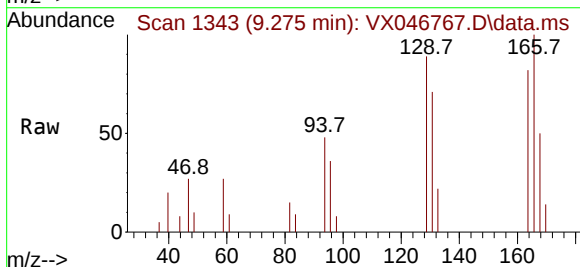
Instrument :
MSVOA_X
ClientSampleId :
GBTW1

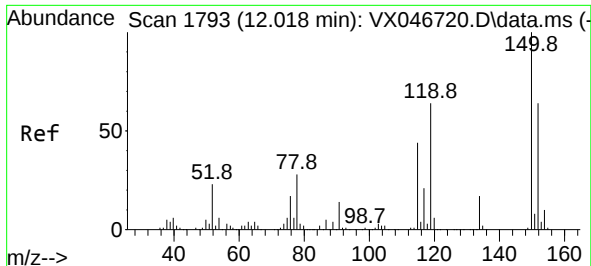
Tgt Ion:117 Resp: 253680
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 1.460 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

Tgt Ion:164 Resp: 2566
Ion Ratio Lower Upper
164 100
166 121.4 104.6 157.0
129 108.0 76.3 114.5
131 86.2 74.1 111.1

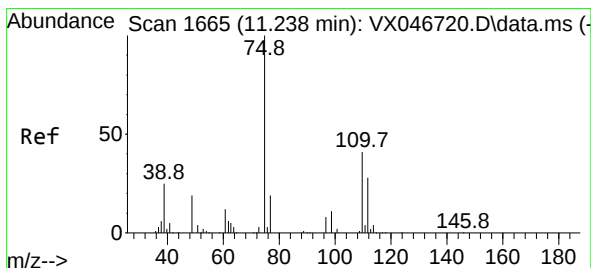
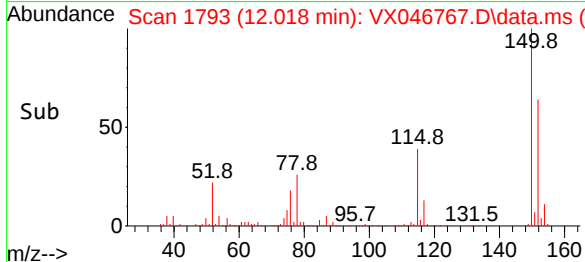
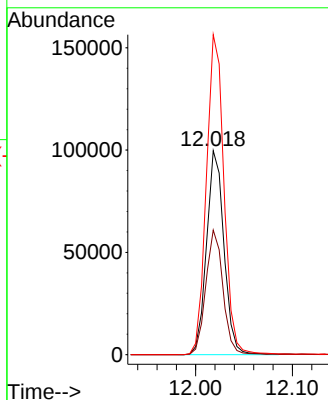
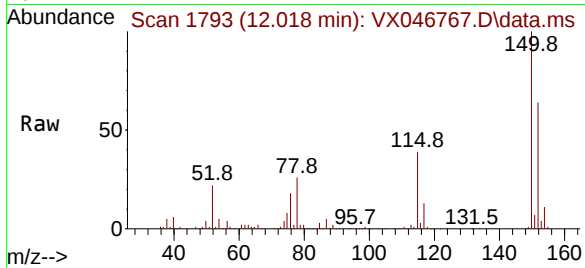




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

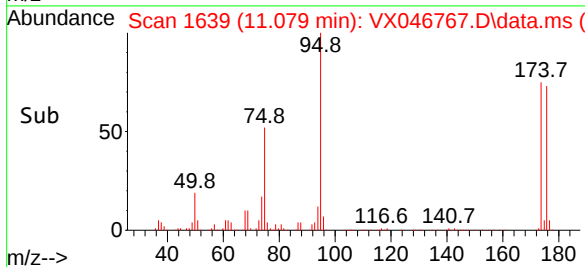
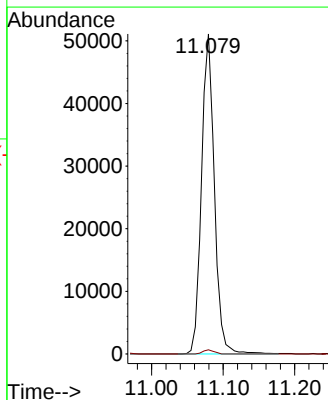
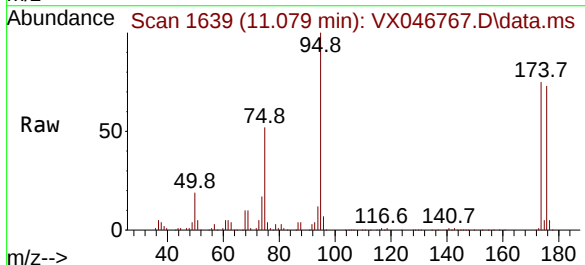
Instrument :
MSVOA_X
ClientSampleId :
GBTW1

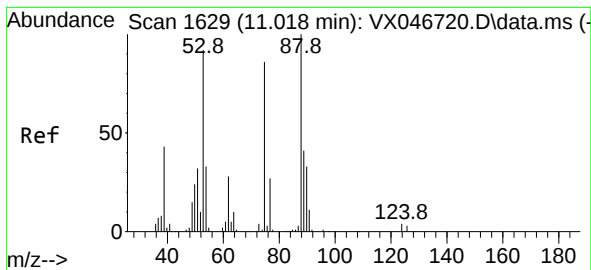
Tgt Ion:152 Resp: 125261
Ion Ratio Lower Upper
152 100
115 60.3 43.2 129.6
150 158.4 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 27.857 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046767.D
Acq: 19 Jun 2025 13:15

Tgt Ion: 75 Resp: 63909
Ion Ratio Lower Upper
75 100
77 1.1 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.740 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046767.D
 Acq: 19 Jun 2025 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GBTW1

Tgt Ion: 75 Resp: 63909
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 36.9 55.3#

