

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX046990.D
 Acq On : 15 Jul 2025 11:00
 Operator : JC/MD
 Sample : VX0715WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBL01

Quant Time: Jul 16 02:21:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

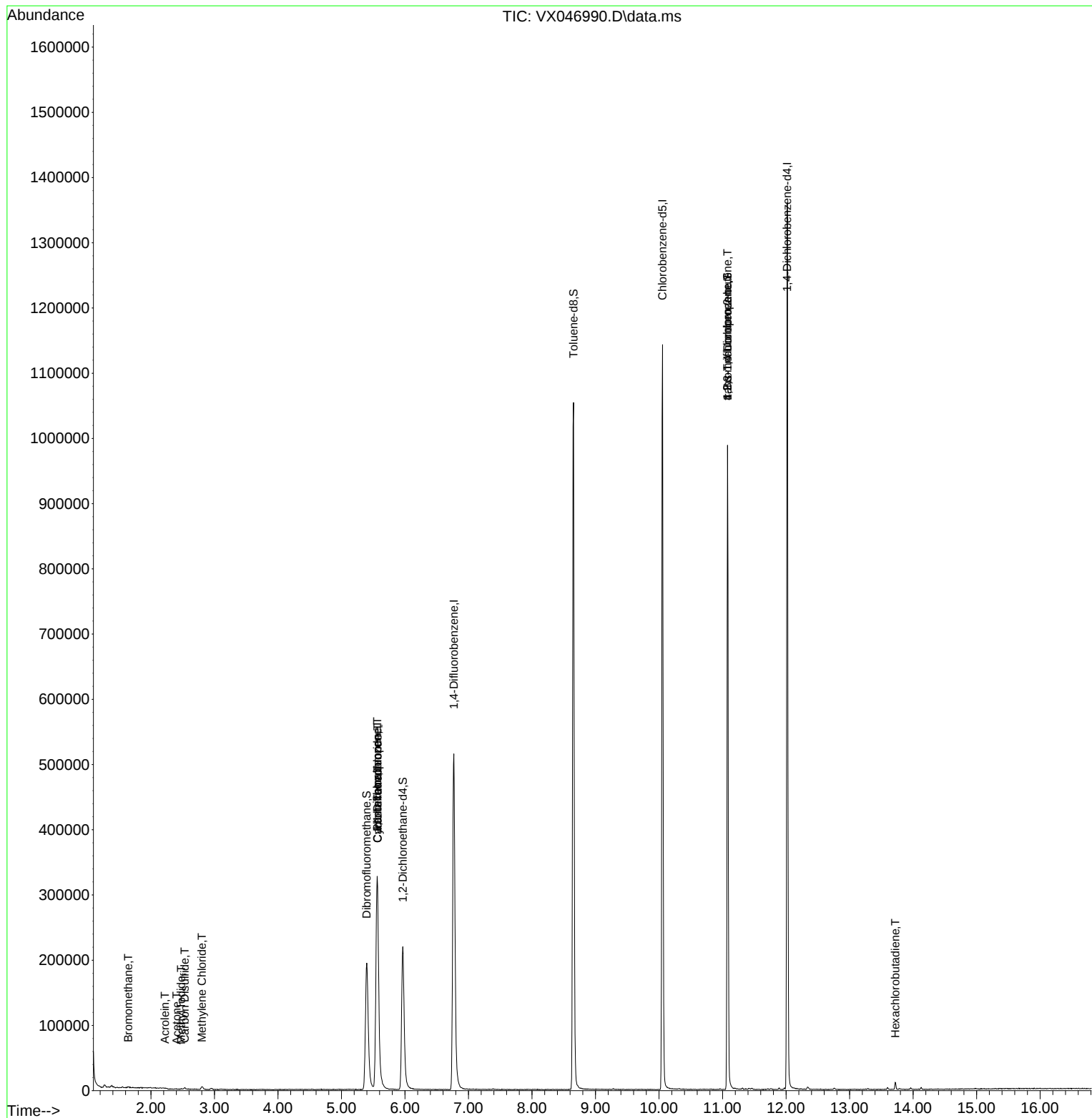
Internal Standards						
1) Pentafluorobenzene	5.562	168	334020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	564806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	510782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	265478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	230225	52.173	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.340%		
35) Dibromofluoromethane	5.397	113	188128	49.069	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.140%		
50) Toluene-d8	8.653	98	652531	48.240	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.480%		
62) 4-Bromofluorobenzene	11.079	95	269032	52.331	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.660%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	819	0.335	ug/l #	2
10) Methyl Iodide	2.477	142	1472	0.361	ug/l #	87
13) Acrolein	2.221	56	142	3.274	ug/l #	62
16) Acetone	2.404	43	875	0.638	ug/l #	42
17) Carbon Disulfide	2.532	76	2250	0.237	ug/l #	88
20) Methylene Chloride	2.800	84	2269	0.560	ug/l #	85
31) Cyclohexane	5.568	56	7369	1.168	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	27360	5.289	ug/l #	51
38) Carbon Tetrachloride	5.568	117	35631	6.515	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	136667	33.317	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	136667	89.406	ug/l #	8
94) Hexachlorobutadiene	13.719	225	1623	0.752	ug/l	91

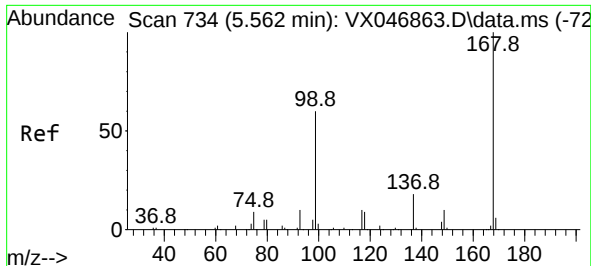
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
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VX0715WBL01

Quant Time: Jul 16 02:21:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

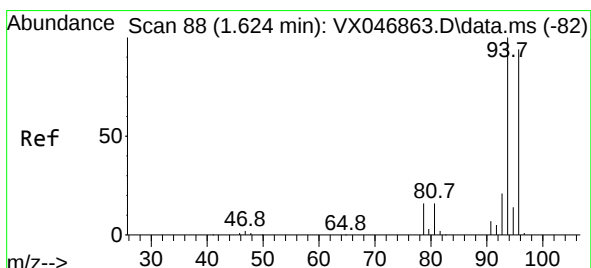
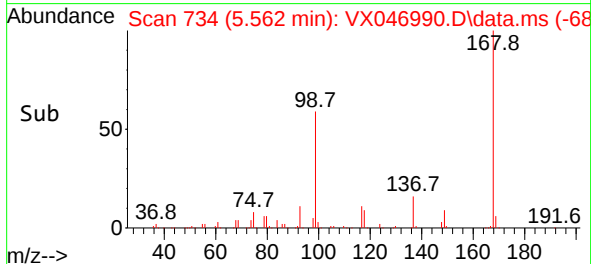
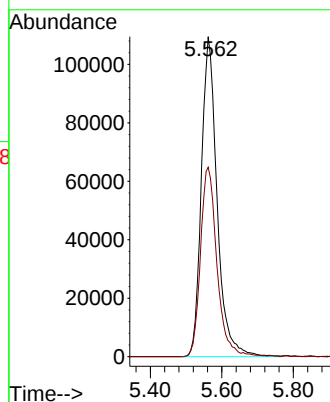
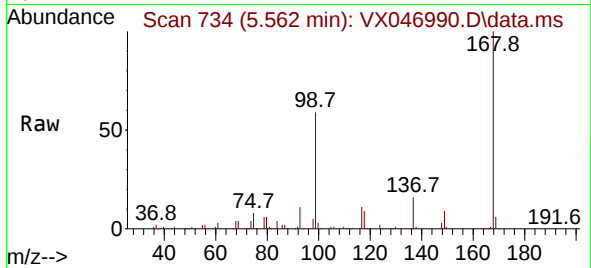




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

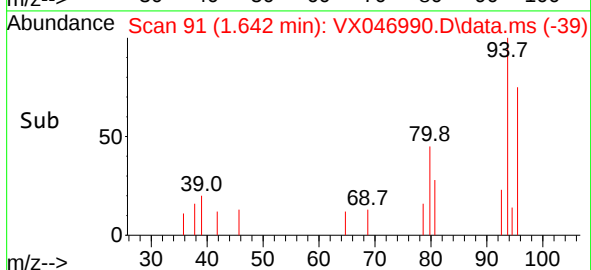
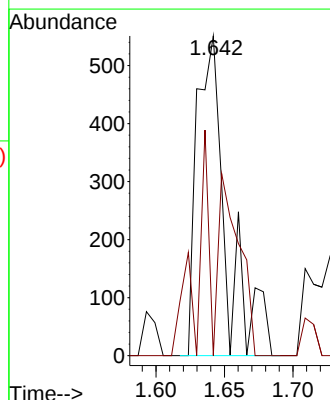
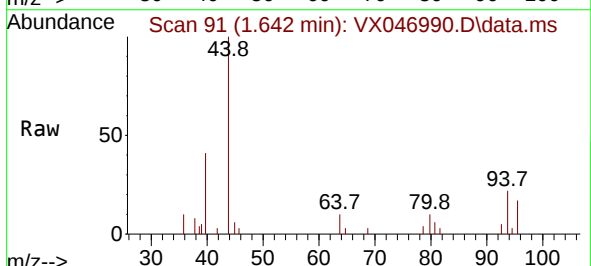
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

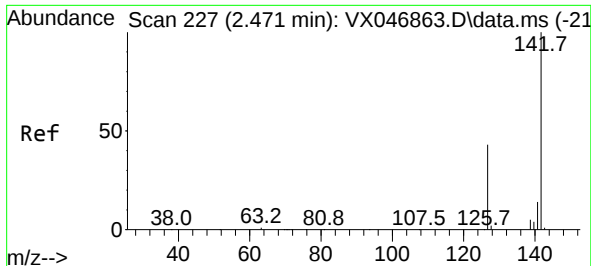
Tgt Ion:168 Resp: 334020
Ion Ratio Lower Upper
168 100
99 59.2 48.8 73.2



#5
Bromomethane
Concen: 0.335 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

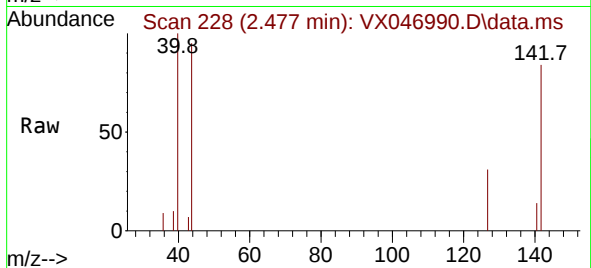
Tgt Ion: 94 Resp: 819
Ion Ratio Lower Upper
94 100
96 0.0 75.5 113.3#



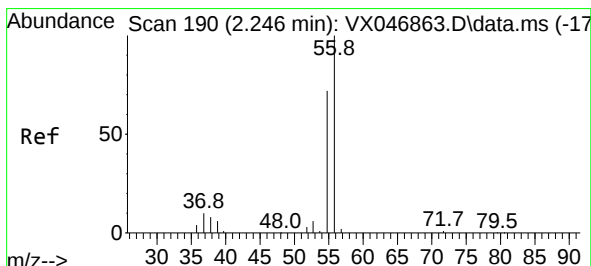
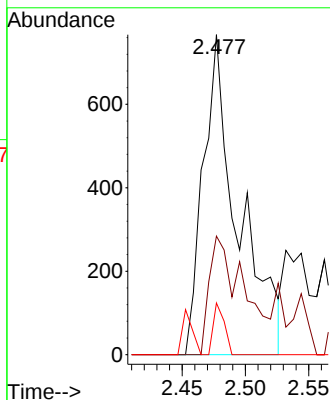
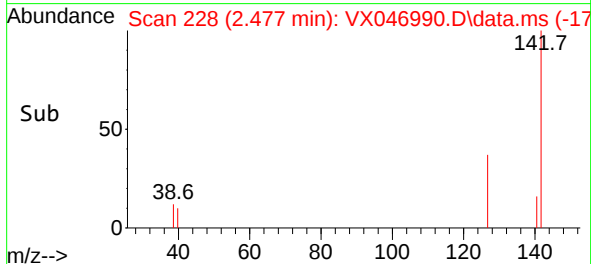


#10
Methyl Iodide
Concen: 0.361 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

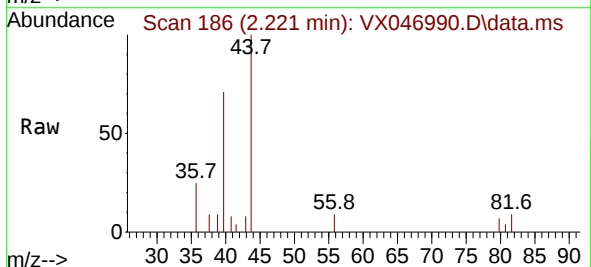
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01



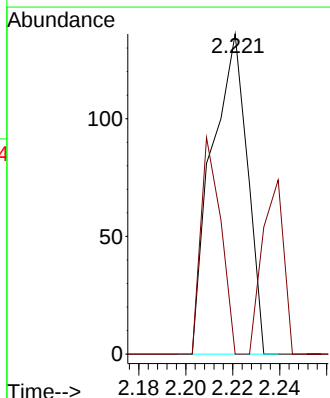
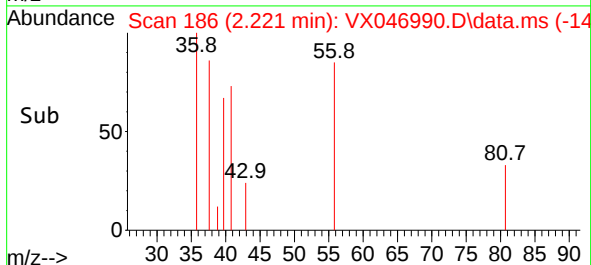
Tgt Ion:142 Resp: 1472
Ion Ratio Lower Upper
142 100
127 37.3 34.9 52.3
141 5.1 11.1 16.7#

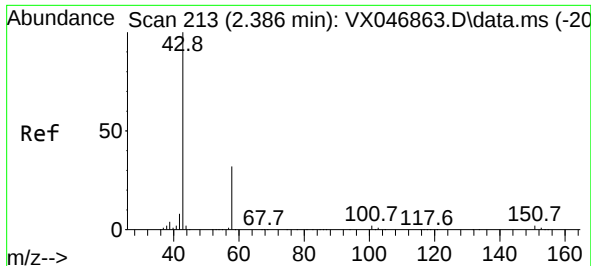


#13
Acrolein
Concen: 3.274 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.025 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00



Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 38.0 55.5 83.3#

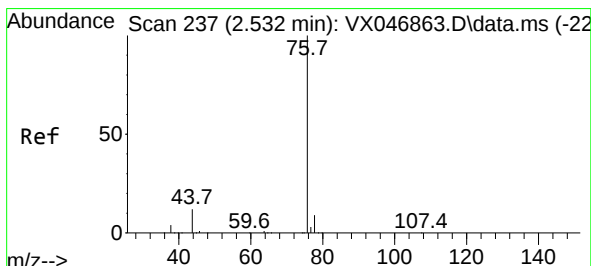
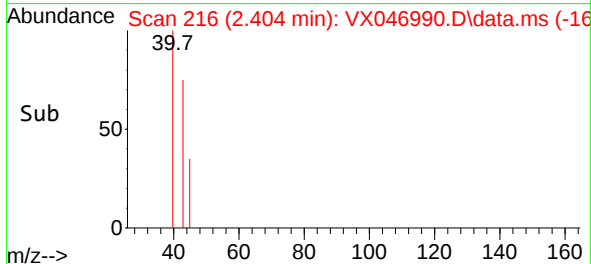
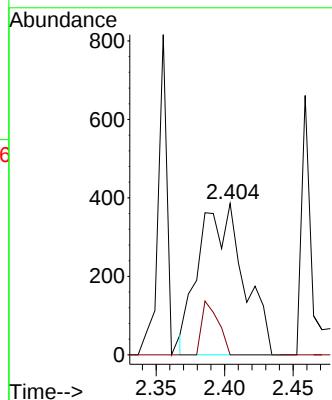
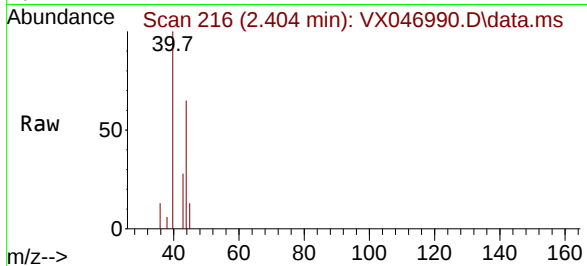




#16
Acetone
Concen: 0.638 ug/l
RT: 2.404 min Scan# 213
Delta R.T. 0.018 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

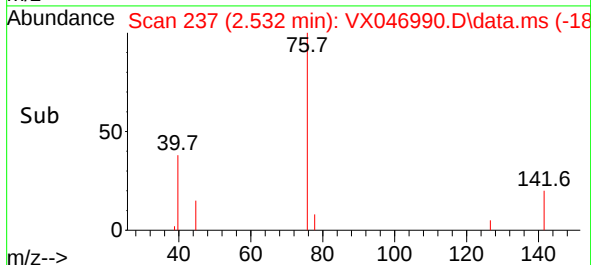
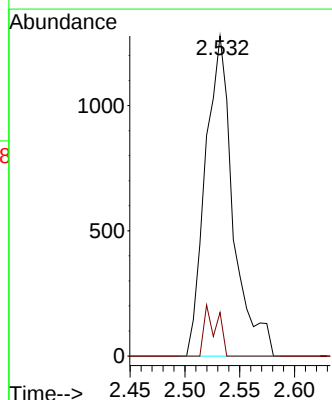
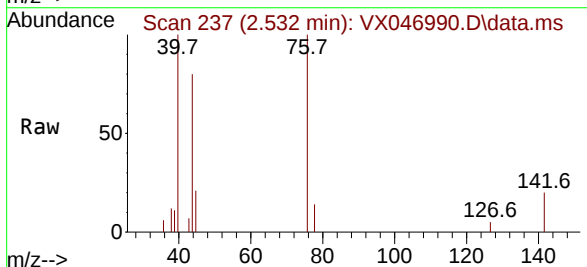
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

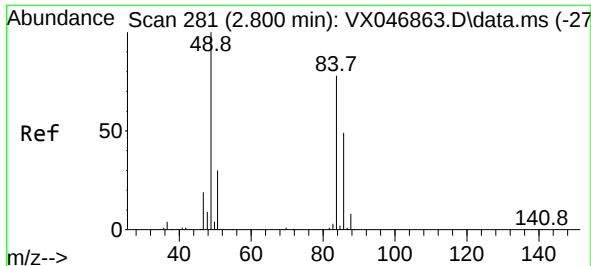
Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#



#17
Carbon Disulfide
Concen: 0.237 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Tgt Ion: 76 Resp: 2250
Ion Ratio Lower Upper
76 100
78 13.6 7.4 11.2#

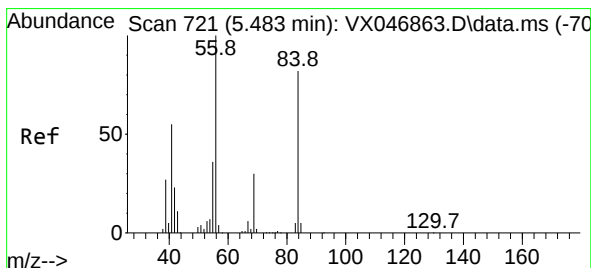
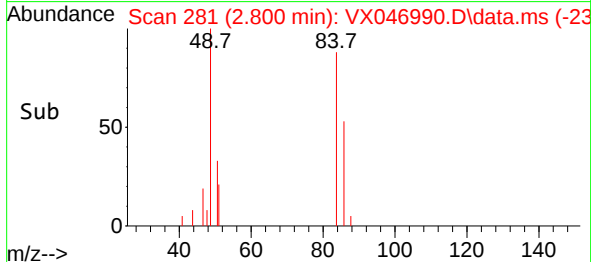
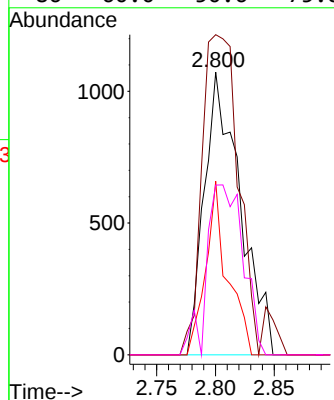
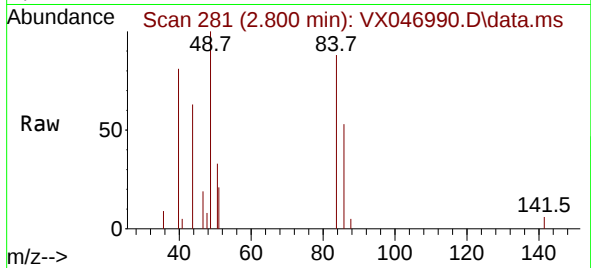




#20
Methylene Chloride
Concen: 0.560 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

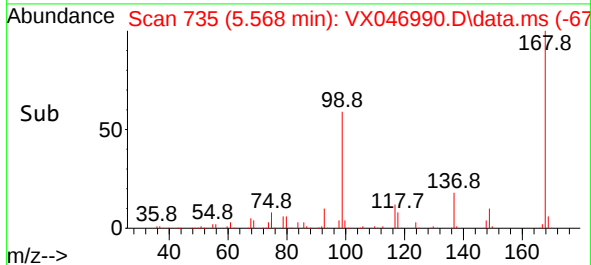
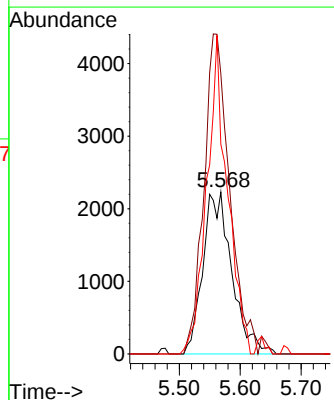
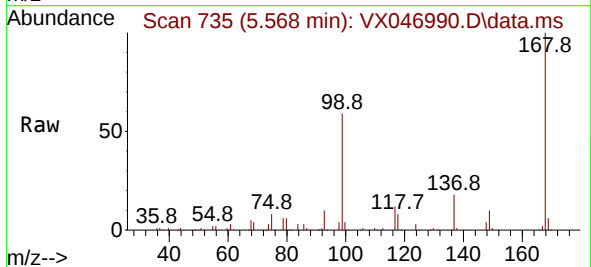
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

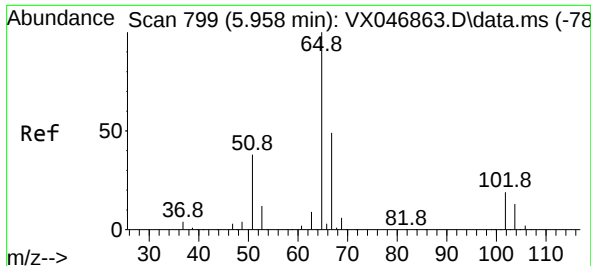
Tgt Ion:	84	Resp:	2269
Ion	Ratio	Lower	Upper
84	100		
49	113.2	102.8	154.2
51	61.4	31.1	46.7#
86	60.0	50.6	75.8



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Tgt Ion:	56	Resp:	7369
Ion	Ratio	Lower	Upper
56	100		
69	173.0	24.0	36.0#
84	129.4	66.5	99.7#





#33

1,2-Dichloroethane-d4

Concen: 52.173 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046990.D

Acq: 15 Jul 2025 11:00

Instrument :

MSVOA_X

ClientSampleId :

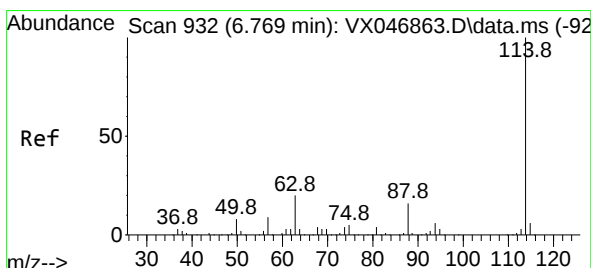
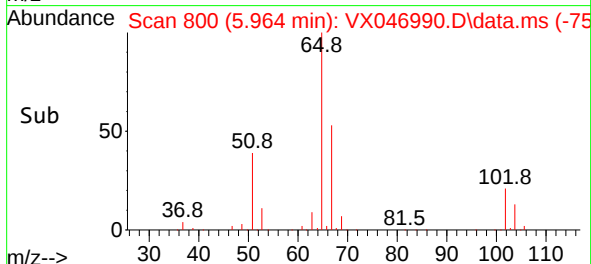
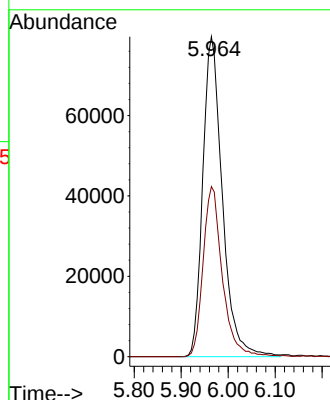
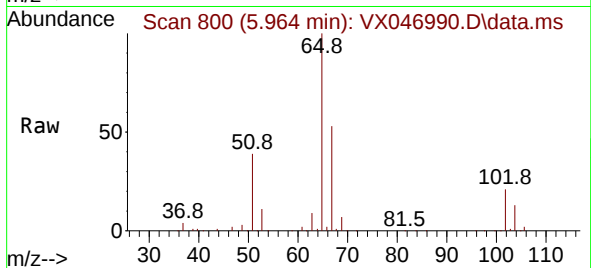
VX0715WBL01

Tgt Ion: 65 Resp: 230225

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046990.D

Acq: 15 Jul 2025 11:00

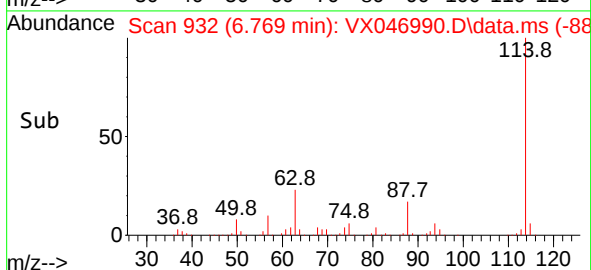
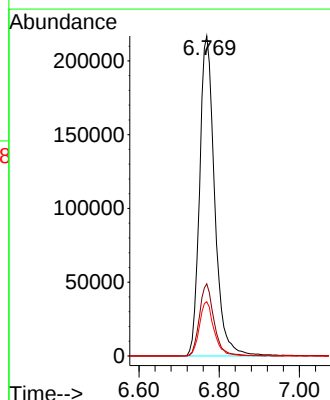
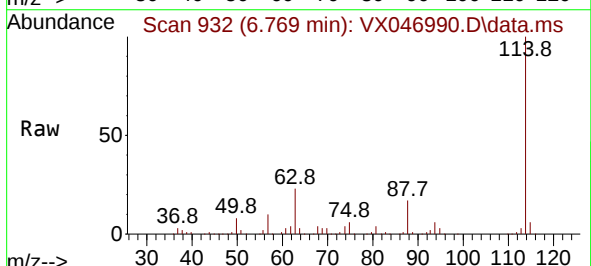
Tgt Ion: 114 Resp: 564806

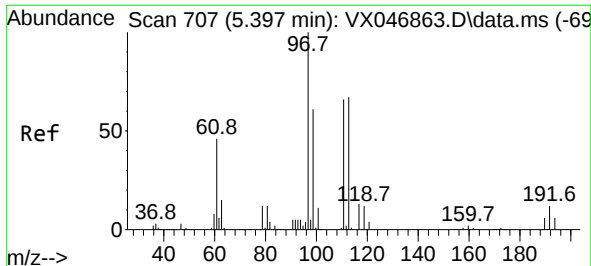
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.4

88 17.0 0.0 31.0

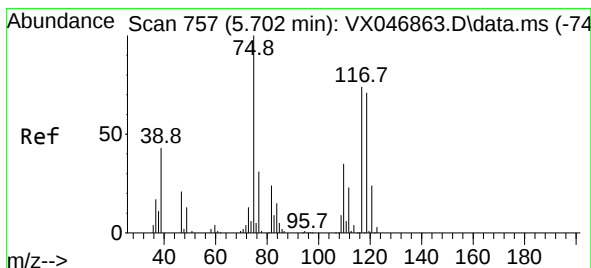
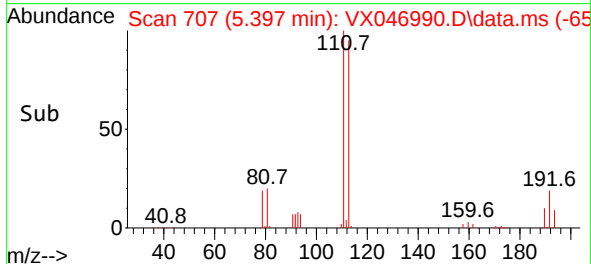
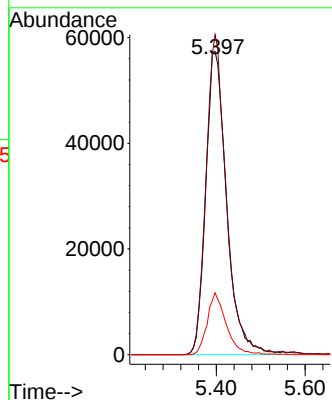
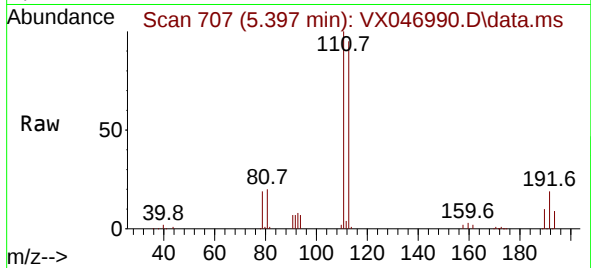




#35
Dibromofluoromethane
Concen: 49.069 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

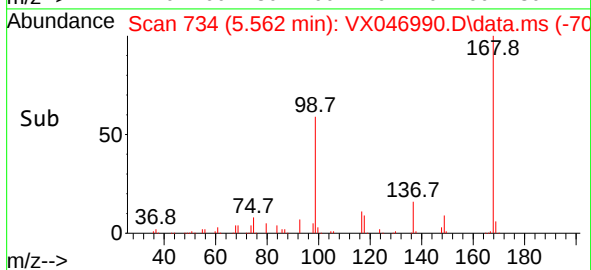
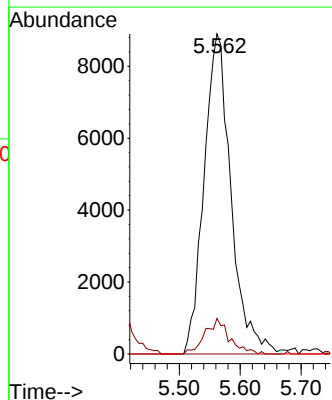
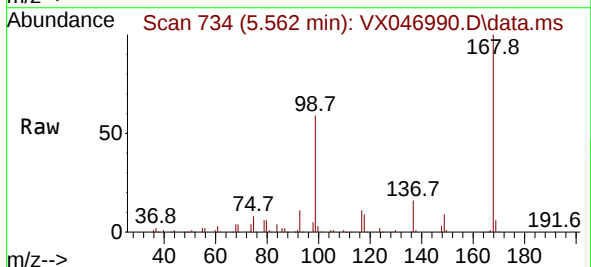
Instrument :
MSVOA_X
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VX0715WBL01

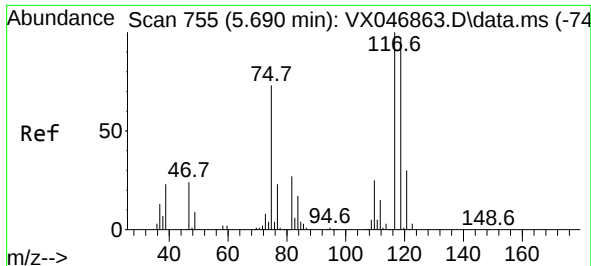
Tgt Ion:113 Resp: 188128
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 18.4 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.289 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Tgt Ion: 75 Resp: 27360
Ion Ratio Lower Upper
75 100
110 10.0 17.3 51.9#
77 0.0 24.2 36.4#

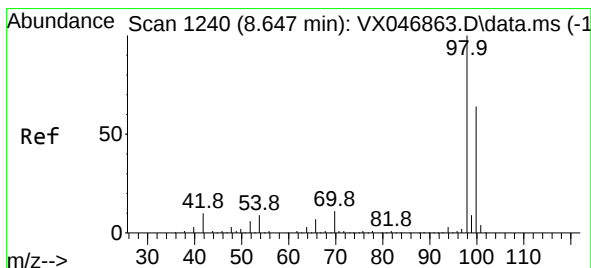
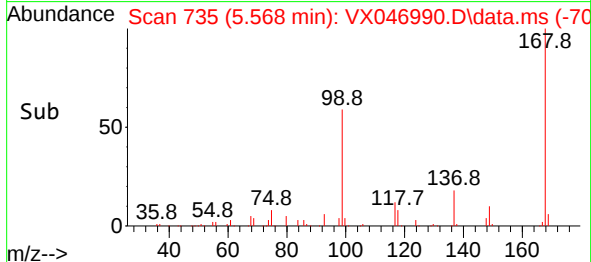
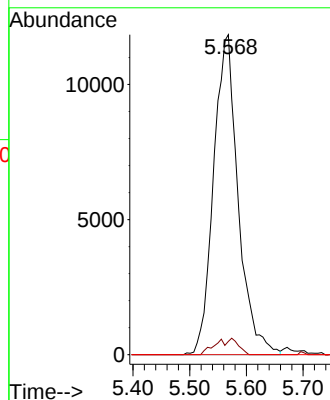
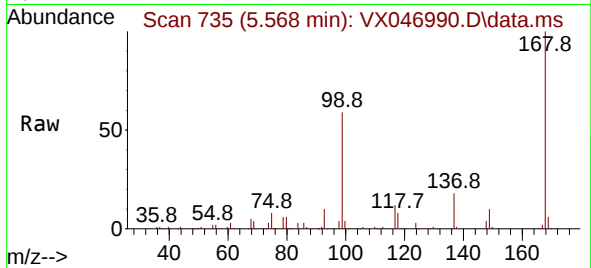




#38
Carbon Tetrachloride
Concen: 6.515 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

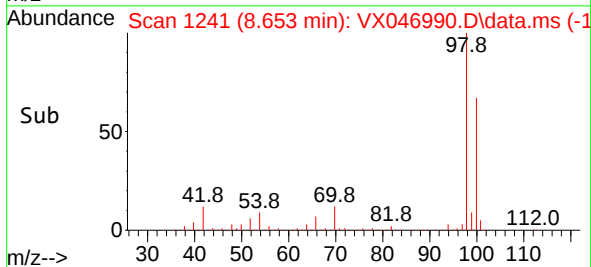
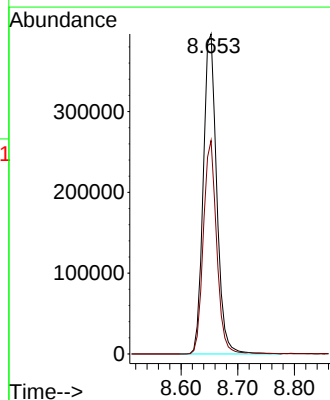
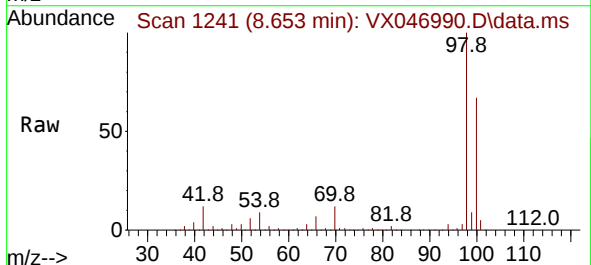
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

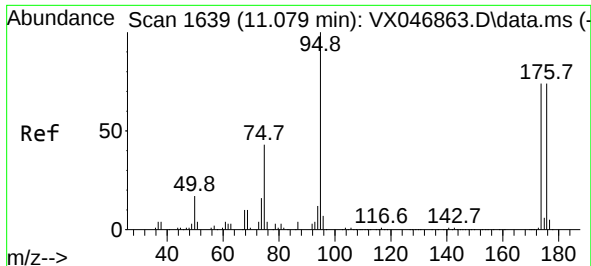
Tgt Ion:117 Resp: 35631
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 48.240 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Tgt Ion: 98 Resp: 652531
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6

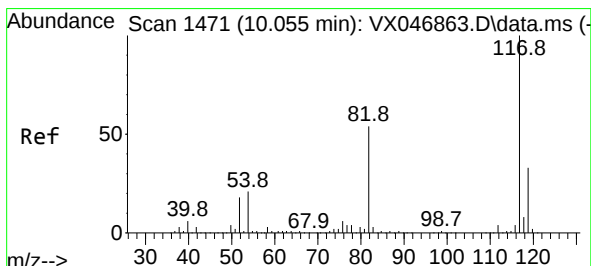
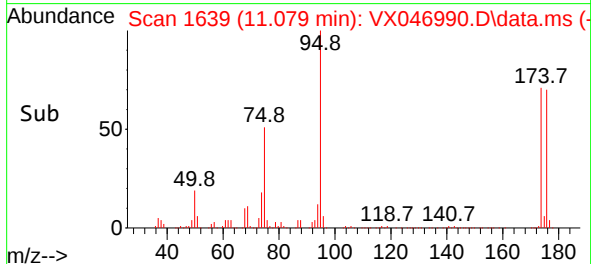
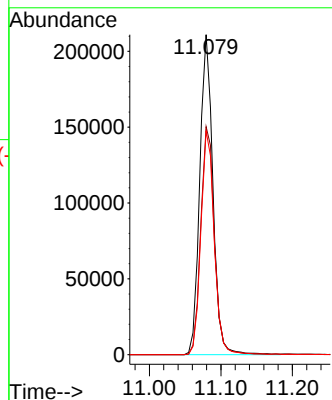
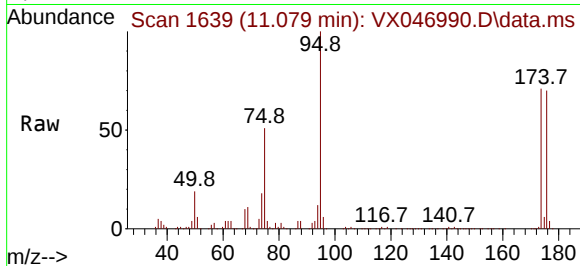




#62
4-Bromofluorobenzene
Concen: 52.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

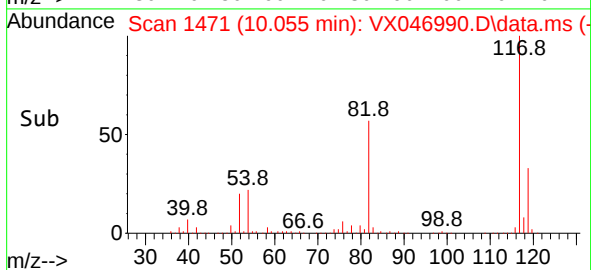
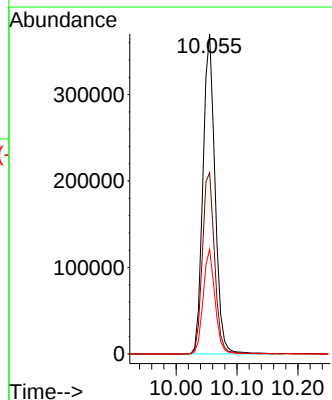
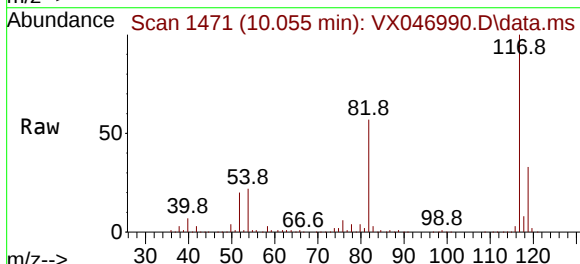
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

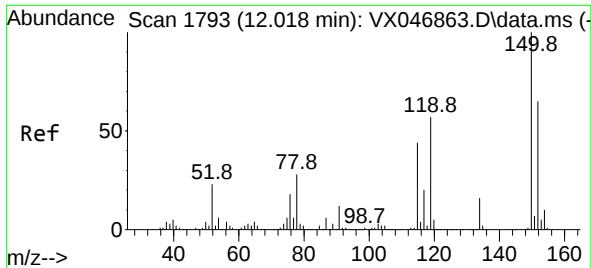
Tgt Ion: 95 Resp: 269032
Ion Ratio Lower Upper
95 100
174 74.0 0.0 152.0
176 71.0 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Tgt Ion: 117 Resp: 510782
Ion Ratio Lower Upper
117 100
82 56.6 43.3 64.9
119 32.8 26.4 39.6

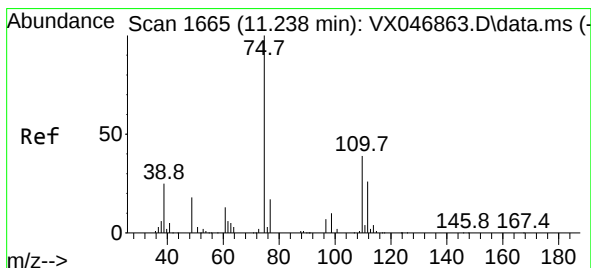
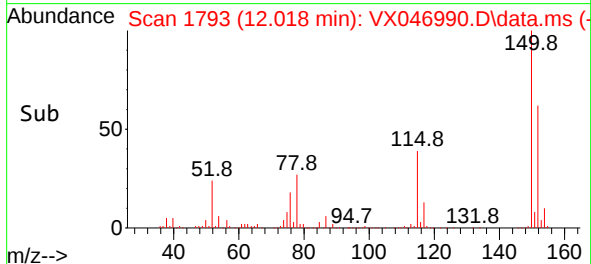
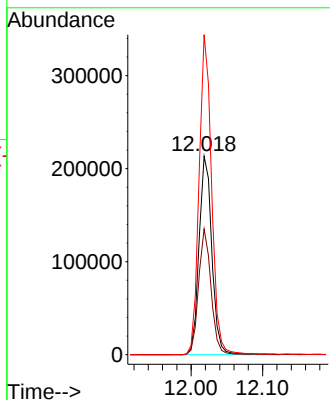
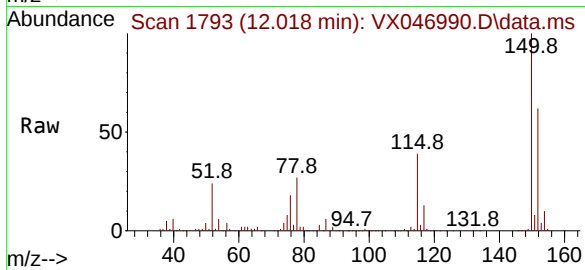




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046990.D
 Acq: 15 Jul 2025 11:00

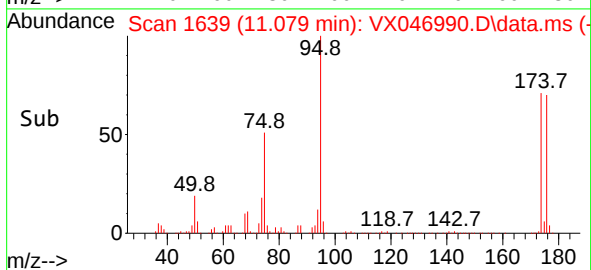
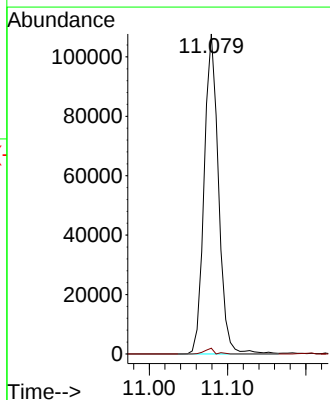
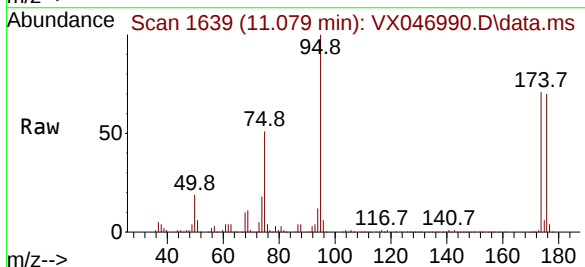
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBL01

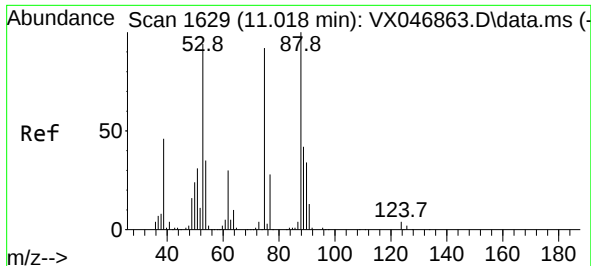
Tgt Ion:152 Resp: 265478
 Ion Ratio Lower Upper
 152 100
 115 61.3 42.4 127.1
 150 157.2 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 33.317 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046990.D
 Acq: 15 Jul 2025 11:00

Tgt Ion: 75 Resp: 136667
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.6 61.8#

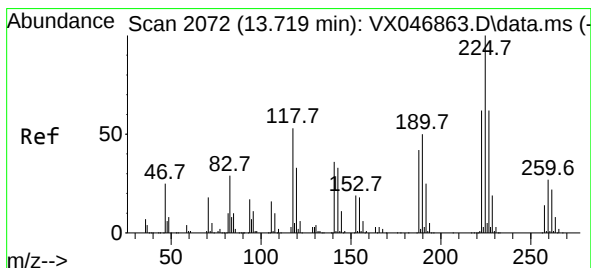
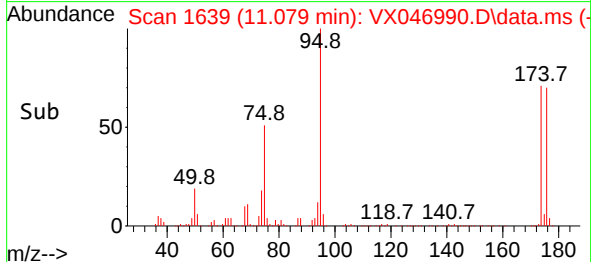
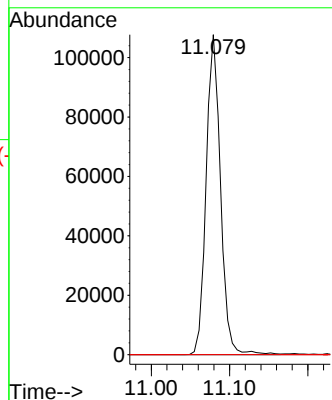
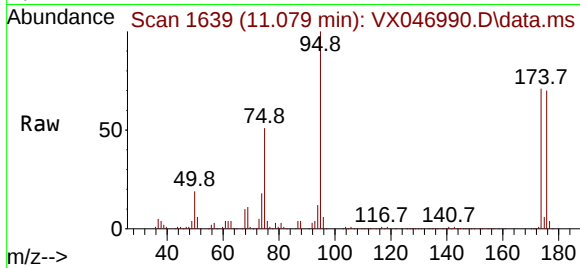




#81
trans-1,4-Dichloro-2-butene
Concen: 89.406 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

Tgt Ion: 75 Resp: 136667
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#



#94
Hexachlorobutadiene
Concen: 0.752 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046990.D
Acq: 15 Jul 2025 11:00

Tgt Ion: 225 Resp: 1623
Ion Ratio Lower Upper
225 100
223 51.3 31.6 94.7
227 60.8 31.6 94.7

