

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046786.D
 Acq On : 20 Jun 2025 16:37
 Operator : JC/MD
 Sample : VX0620WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBL02

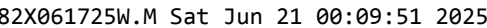
Quant Time: Jun 21 00:09:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

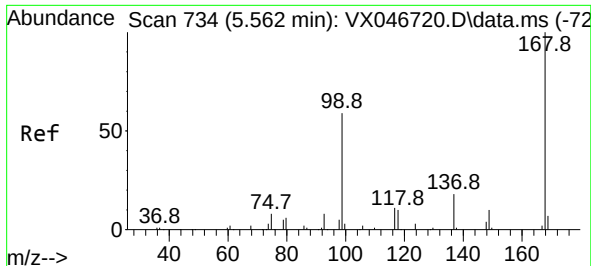
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	159144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	272954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103406	46.976	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.960%		
35) Dibromofluoromethane	5.397	113	88059	48.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.520%		
50) Toluene-d8	8.647	98	323406	49.844	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.680%		
62) 4-Bromofluorobenzene	11.079	95	120144	49.674	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.340%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.483	142	514	4.539	ug/l #	91
16) Acetone	2.379	43	233	0.317	ug/l #	44
31) Cyclohexane	5.562	56	3358	1.019	ug/l #	7
36) 1,1-Dichloropropene	5.562	75	12715	4.877	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16243	5.741	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	61149	28.353	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	61149	80.143	ug/l #	7
94) Hexachlorobutadiene	13.725	225	243	0.214	ug/l	68

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

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Response via : Initial Calibration

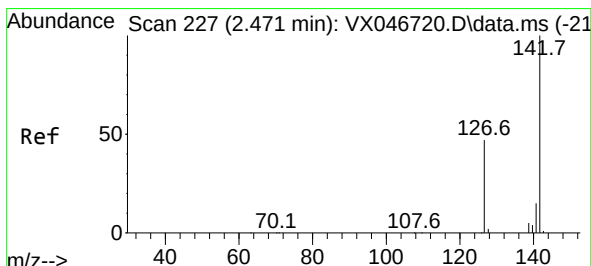
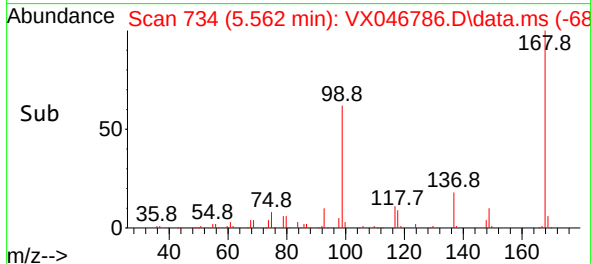
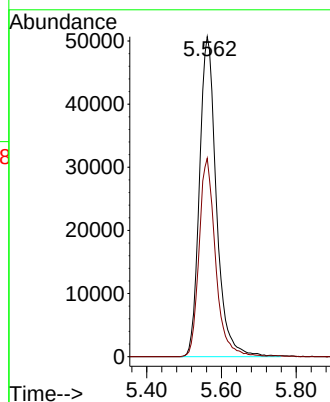
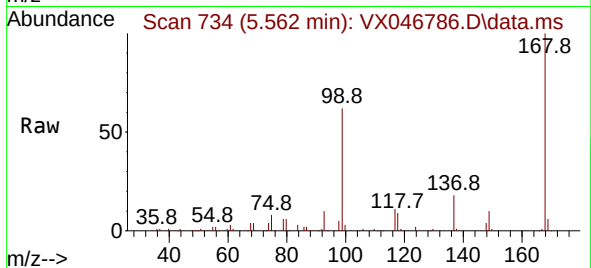




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

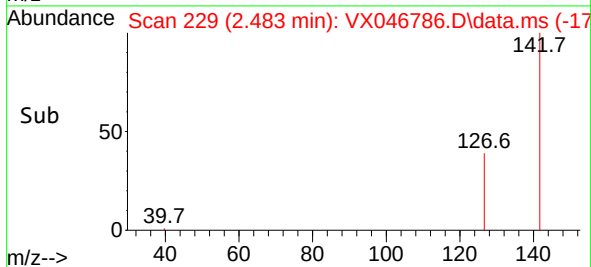
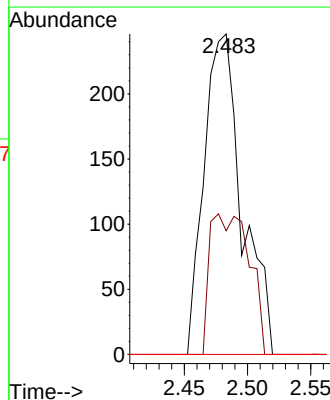
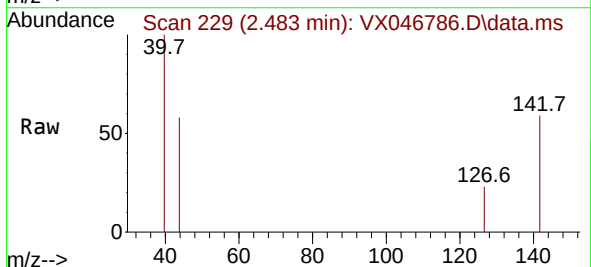
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL02

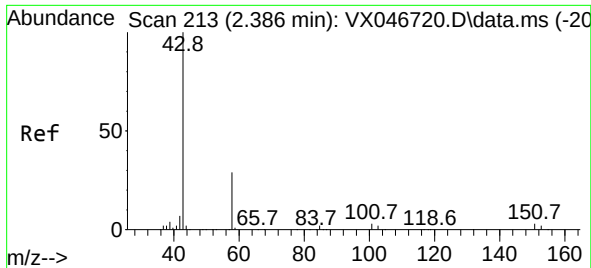
Tgt Ion:168 Resp: 159144
Ion Ratio Lower Upper
168 100
99 62.0 48.5 72.7



#10
Methyl Iodide
Concen: 4.539 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Tgt Ion:142 Resp: 514
Ion Ratio Lower Upper
142 100
127 45.9 37.0 55.6
141 0.0 11.5 17.3#

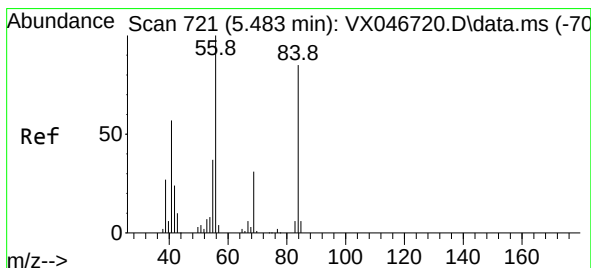
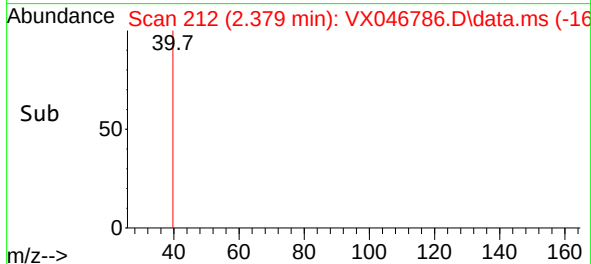
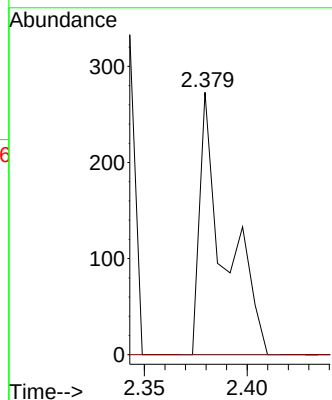
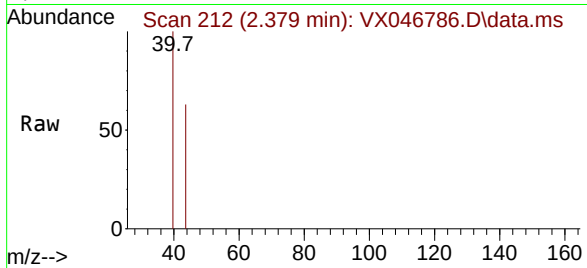




#16
Acetone
Concen: 0.317 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

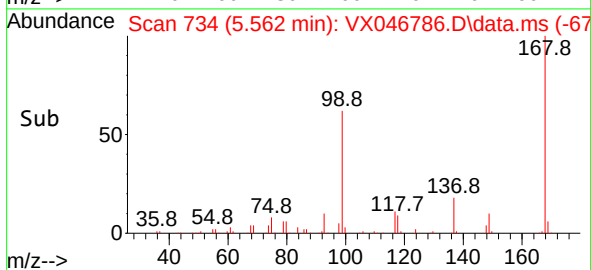
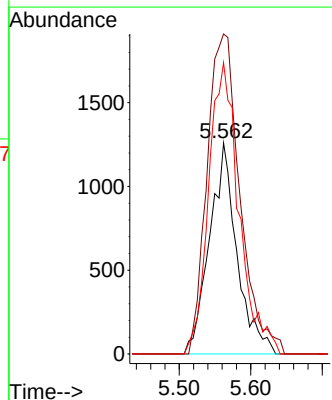
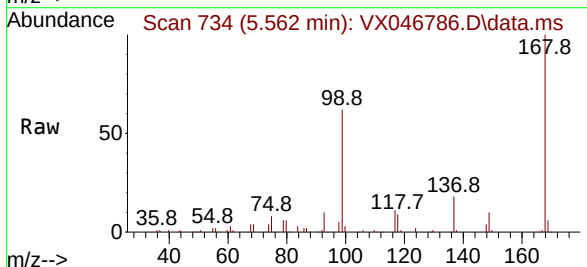
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL02

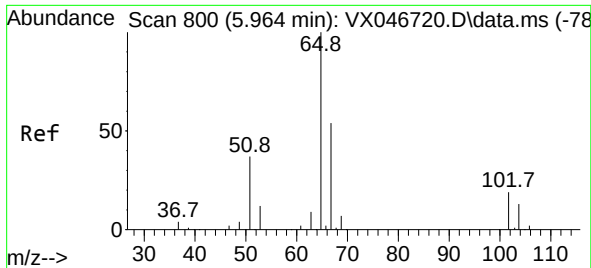
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.019 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Tgt Ion: 56 Resp: 3358
Ion Ratio Lower Upper
56 100
69 145.2 24.8 37.2#
84 132.2 68.2 102.2#

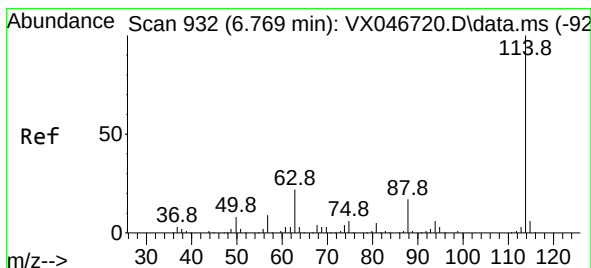
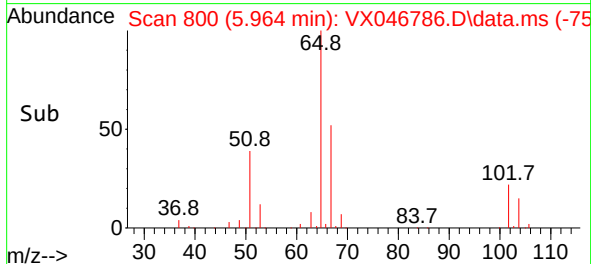
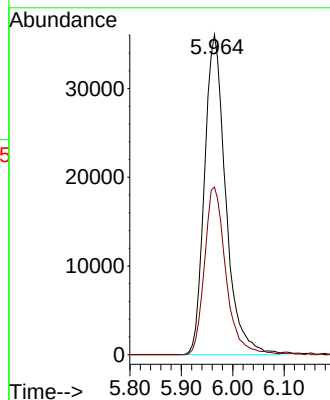
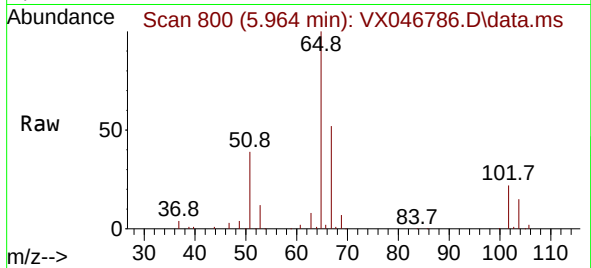




#33
 1,2-Dichloroethane-d4
 Concen: 46.976 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046786.D
 Acq: 20 Jun 2025 16:37

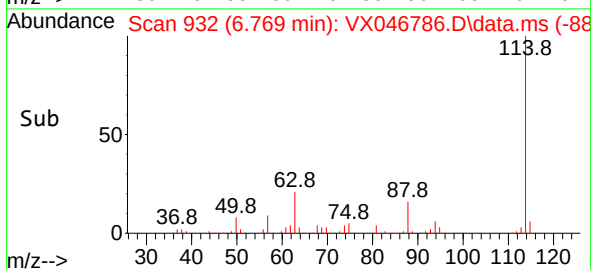
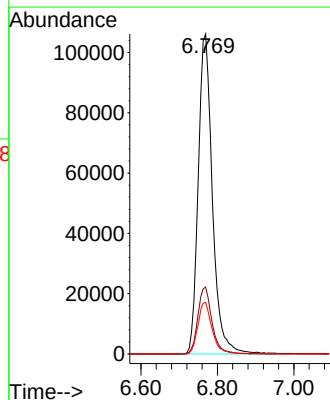
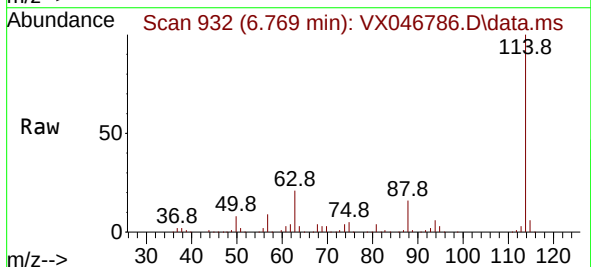
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBL02

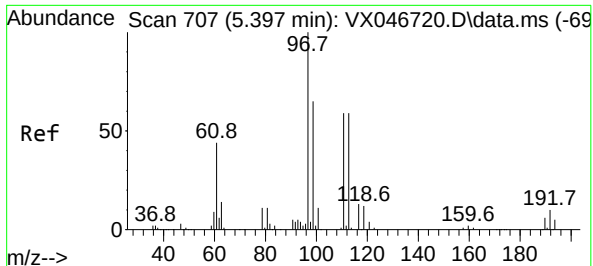
Tgt Ion: 65 Resp: 103406
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX046786.D
 Acq: 20 Jun 2025 16:37

Tgt Ion: 114 Resp: 272954
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.2
 88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.760 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046786.D

Acq: 20 Jun 2025 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBL02

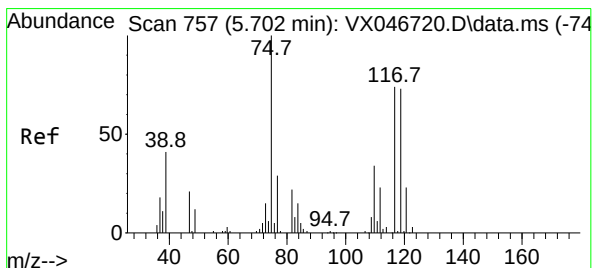
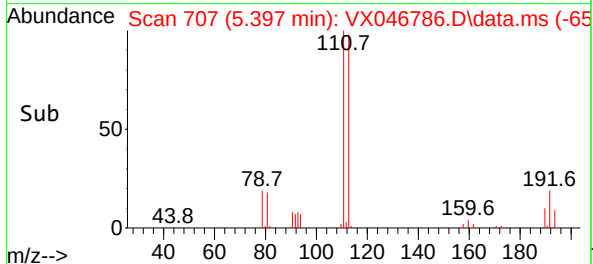
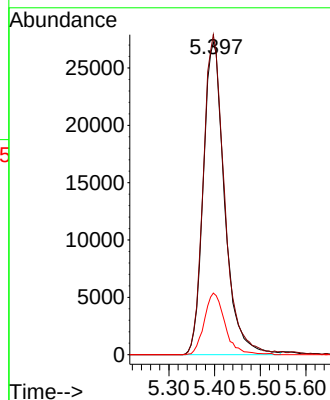
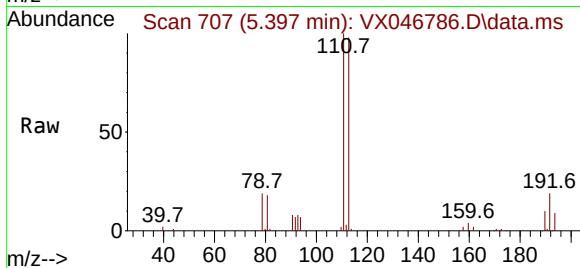
Tgt Ion:113 Resp: 88059

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

192 19.2 15.3 22.9



#36

1,1-Dichloropropene

Concen: 4.877 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX046786.D

Acq: 20 Jun 2025 16:37

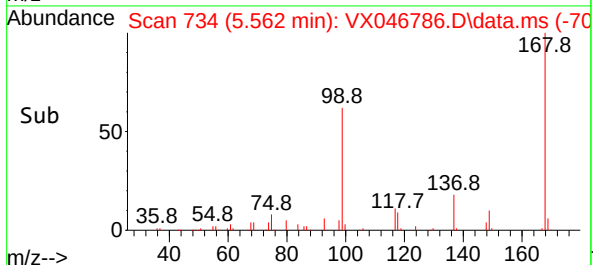
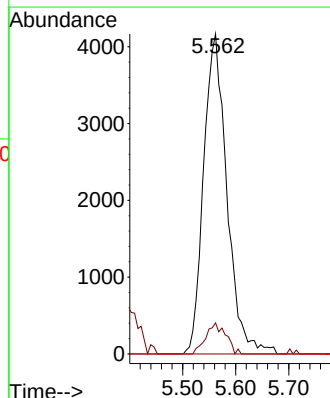
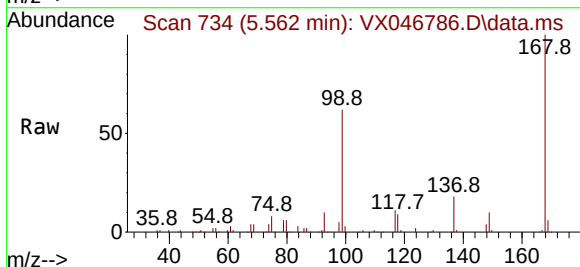
Tgt Ion: 75 Resp: 12715

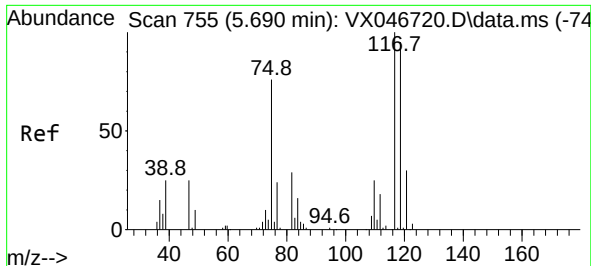
Ion Ratio Lower Upper

75 100

110 8.3 17.2 51.5#

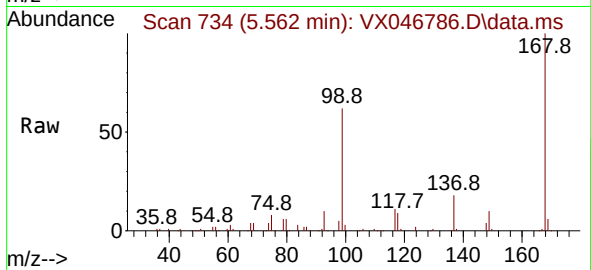
77 0.0 24.2 36.4#



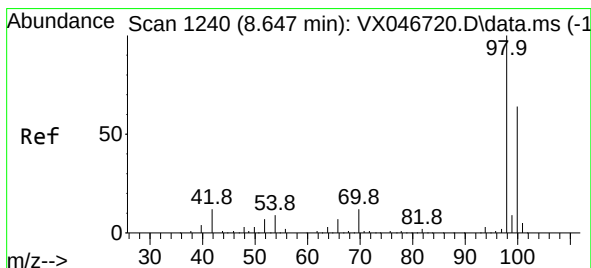
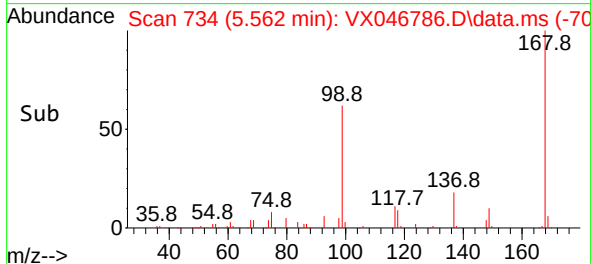
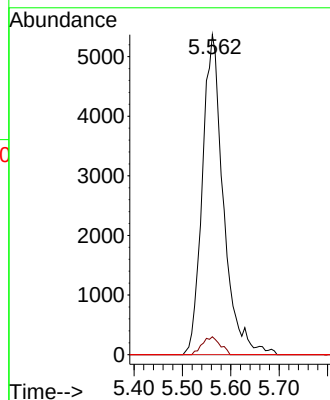


#38
Carbon Tetrachloride
Concen: 5.741 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL02

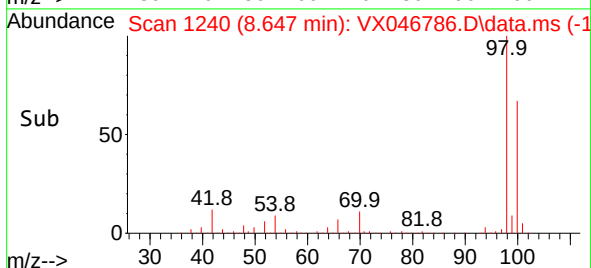
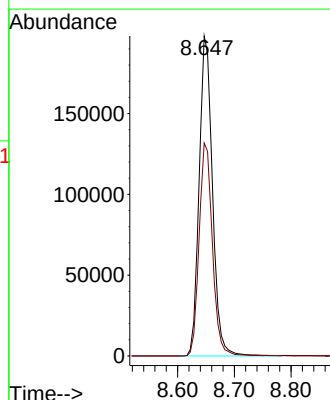
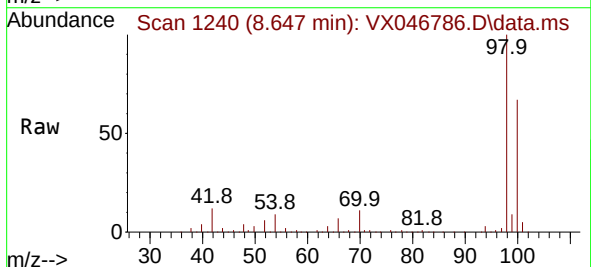


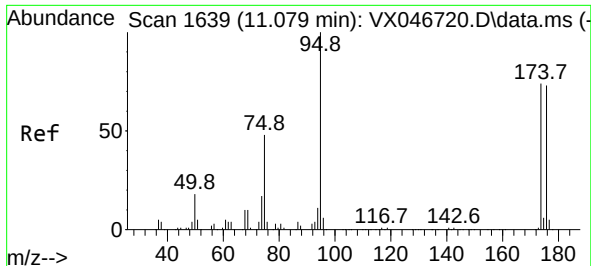
Tgt Ion:117 Resp: 16243
Ion Ratio Lower Upper
117 100
119 5.6 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.844 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Tgt Ion: 98 Resp: 323406
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

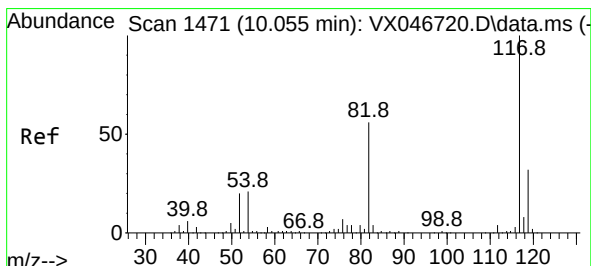
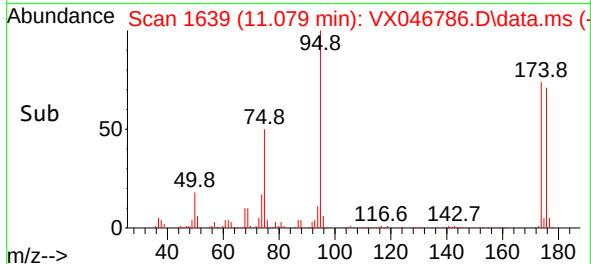
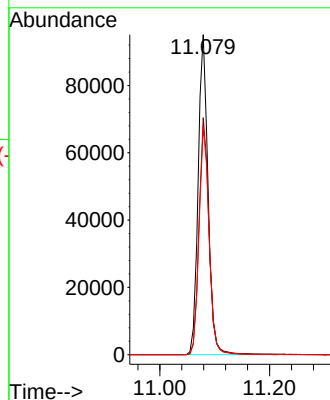
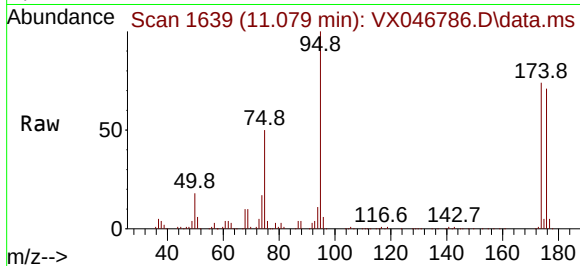




#62
4-Bromofluorobenzene
Concen: 49.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

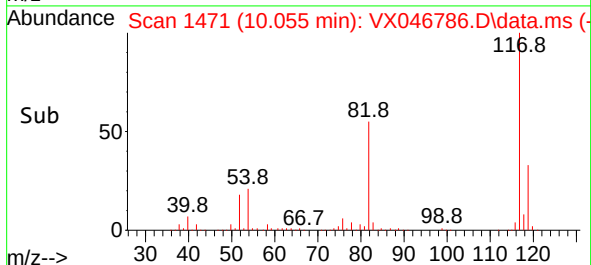
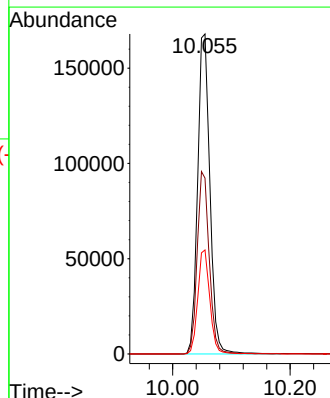
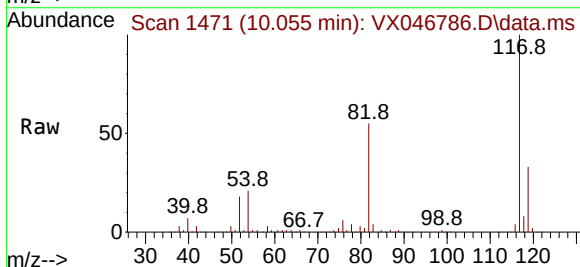
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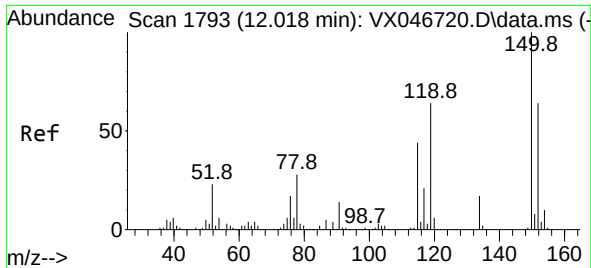
Tgt Ion: 95 Resp: 120144
Ion Ratio Lower Upper
95 100
174 74.6 0.0 150.4
176 72.3 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Tgt Ion: 117 Resp: 243269
Ion Ratio Lower Upper
117 100
82 55.0 44.6 66.8
119 32.5 25.8 38.8

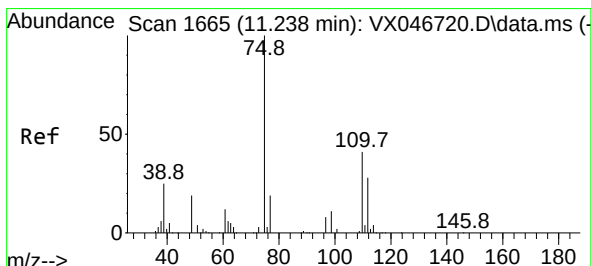
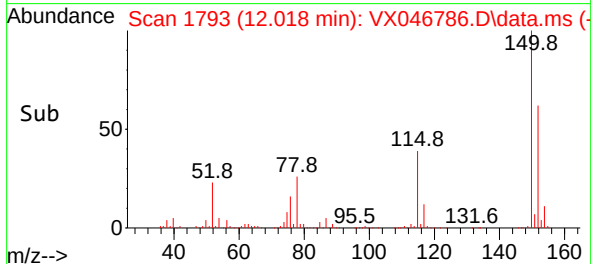
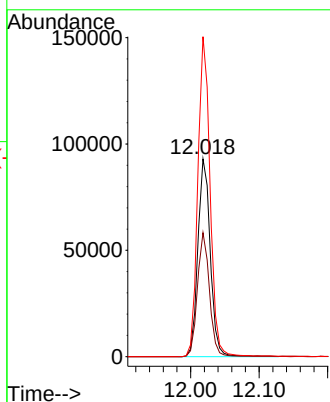
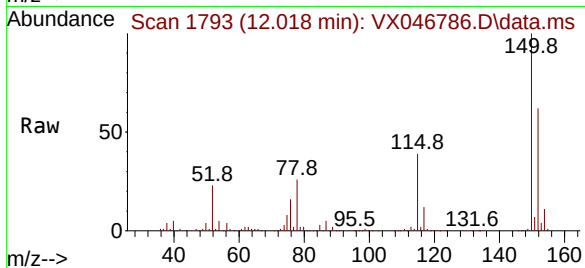




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046786.D
 Acq: 20 Jun 2025 16:37

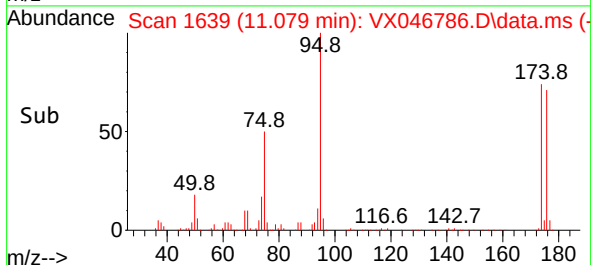
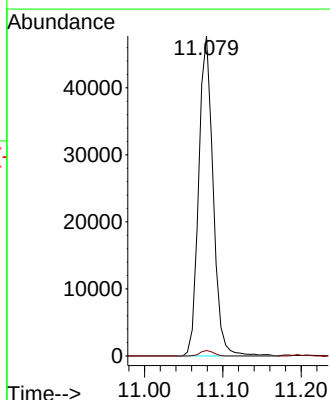
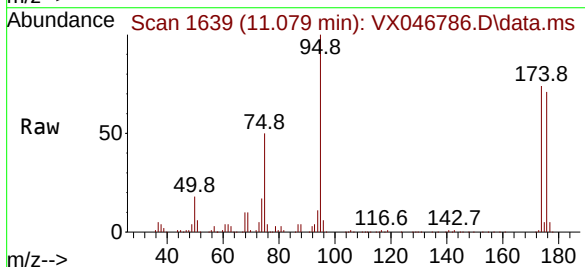
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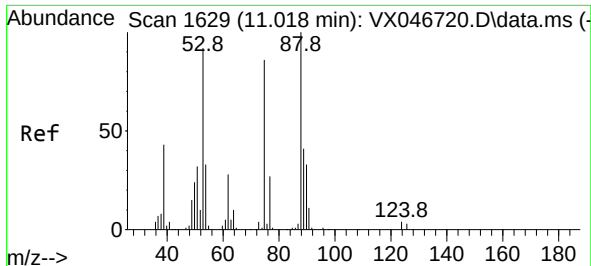
Tgt Ion:152 Resp: 117754
 Ion Ratio Lower Upper
 152 100
 115 60.6 43.2 129.6
 150 159.8 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 28.353 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046786.D
 Acq: 20 Jun 2025 16:37

Tgt Ion: 75 Resp: 61149
 Ion Ratio Lower Upper
 75 100
 77 1.6 18.5 55.5#

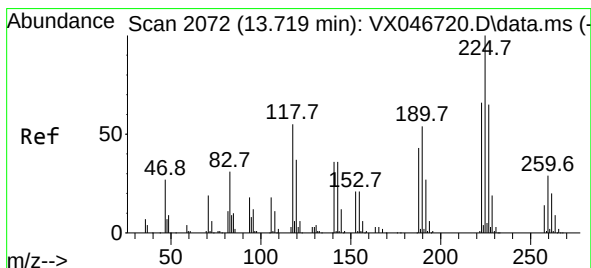
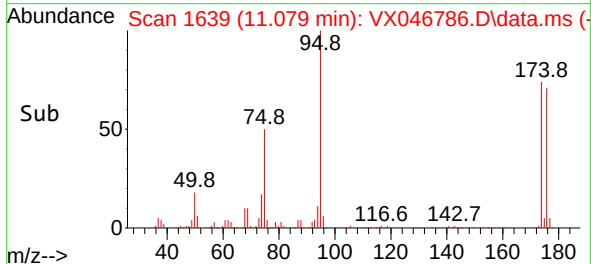
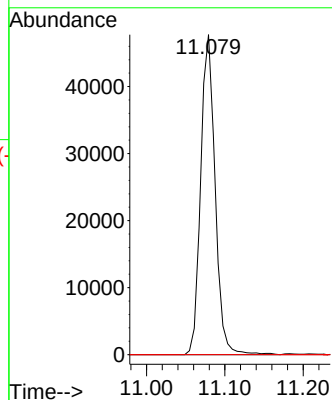
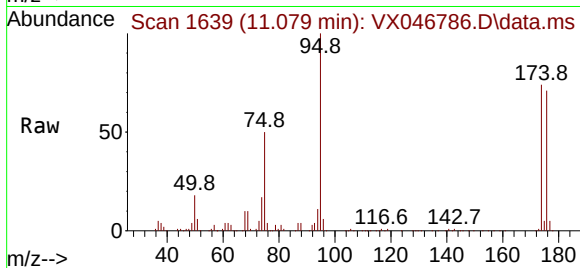




#81
trans-1,4-Dichloro-2-butene
Concen: 80.143 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL02

Tgt Ion: 75 Resp: 61149
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.214 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Tgt Ion: 225 Resp: 243
Ion Ratio Lower Upper
225 100
223 37.0 32.5 97.5
227 42.8 32.2 96.6

