

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046829.D
 Acq On : 30 Jun 2025 09:39
 Operator : JC/MD
 Sample : VX0630MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630MBL01

Quant Time: Jul 01 05:16:11 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)

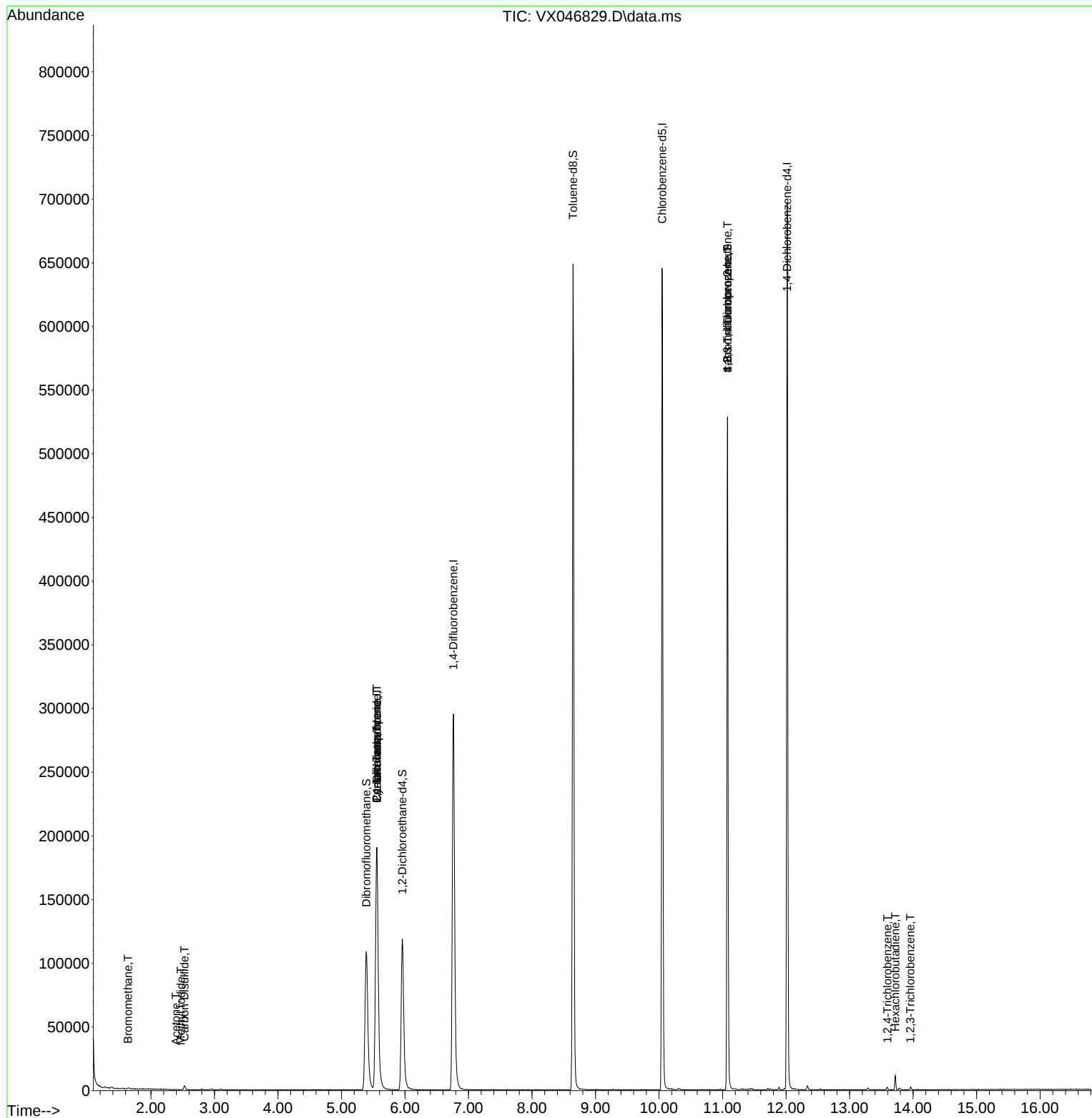
Internal Standards						
1) Pentafluorobenzene	5.556	168	195006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	329350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	292085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	144120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123404	45.751	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.500%		
35) Dibromofluoromethane	5.391	113	105881	48.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	8.647	98	388920	49.677	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.360%		
62) 4-Bromofluorobenzene	11.079	95	143659	49.226	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.460%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	691	0.513	ug/l #	79
10) Methyl Iodide	2.471	142	554	4.515	ug/l #	59
16) Acetone	2.392	43	481	0.535	ug/l #	44
17) Carbon Disulfide	2.526	76	4255	0.654	ug/l	99
31) Cyclohexane	5.556	56	3729	0.923	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15379	4.889	ug/l #	50
38) Carbon Tetrachloride	5.556	117	20076	5.881	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	72933	27.630	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	72933	78.100	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.597	180	904	0.273	ug/l	89
94) Hexachlorobutadiene	13.719	225	1475	1.060	ug/l	95
96) 1,2,3-Trichlorobenzene	13.957	180	840	0.265	ug/l	81

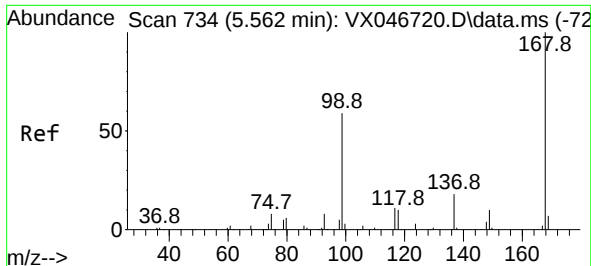
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
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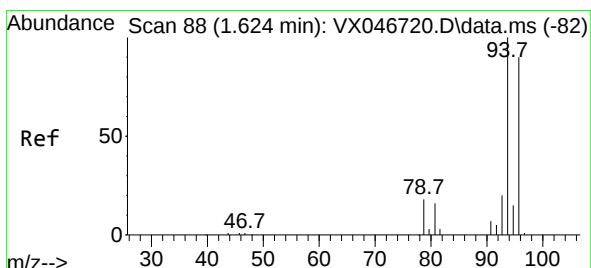
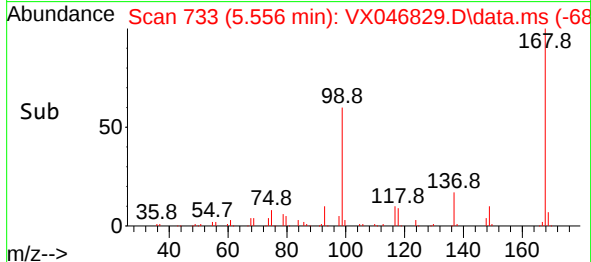
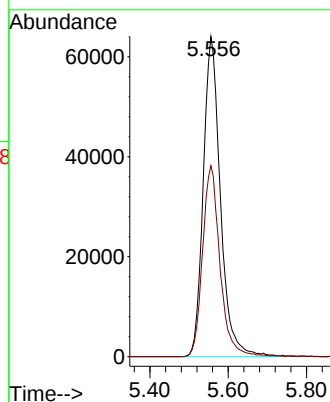
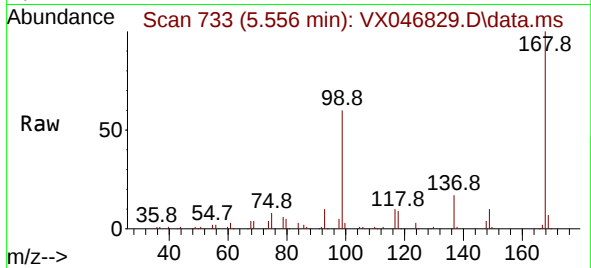




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046829.D
Acq: 30 Jun 2025 09:39

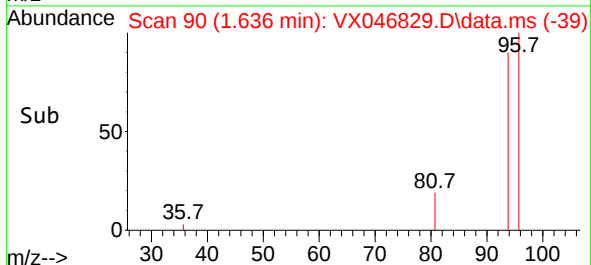
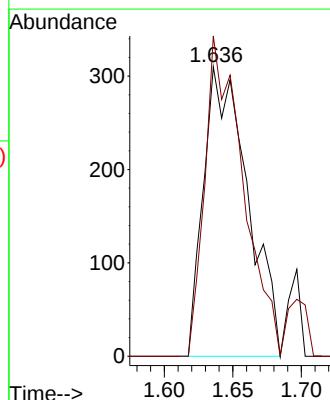
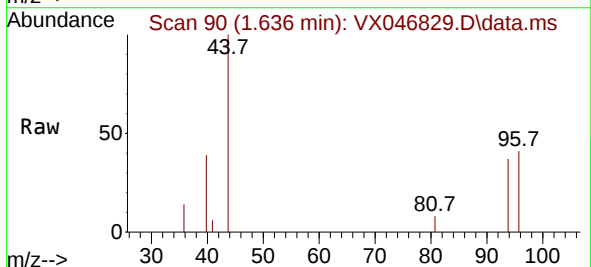
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBL01

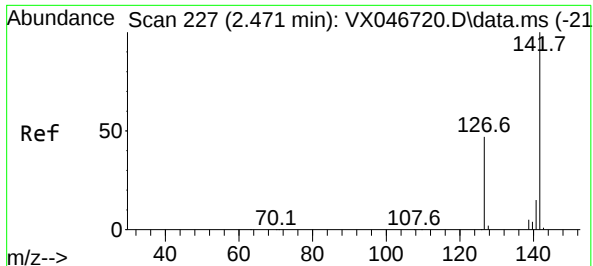
Tgt Ion:168 Resp: 195006
Ion Ratio Lower Upper
168 100
99 59.6 48.5 72.7



#5
Bromomethane
Concen: 0.513 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046829.D
Acq: 30 Jun 2025 09:39

Tgt Ion: 94 Resp: 691
Ion Ratio Lower Upper
94 100
96 110.6 72.3 108.5#

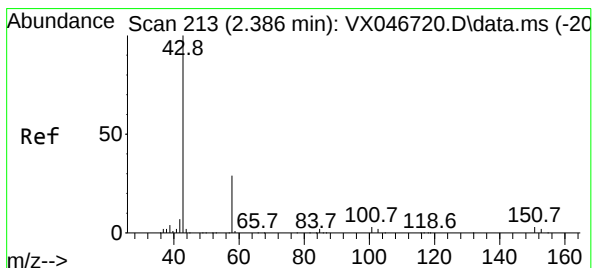
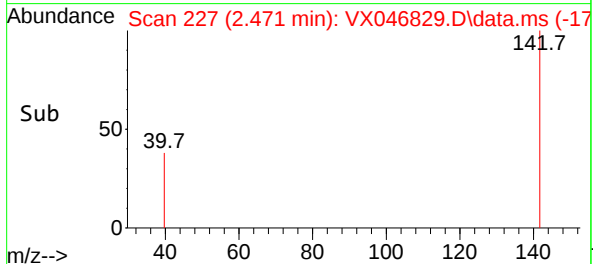
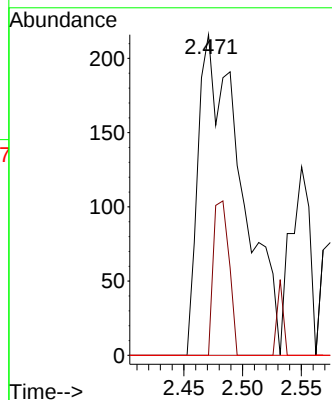
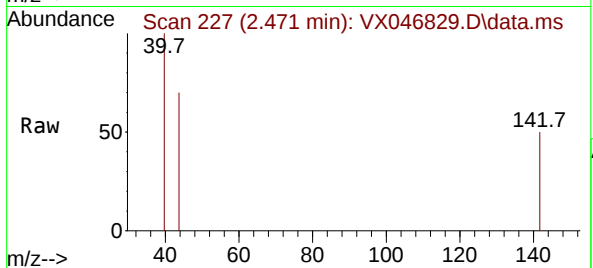




#10
Methyl Iodide
Concen: 4.515 ug/l
RT: 2.471 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046829.D
Acq: 30 Jun 2025 09:39

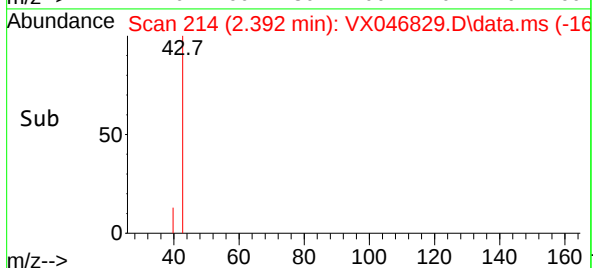
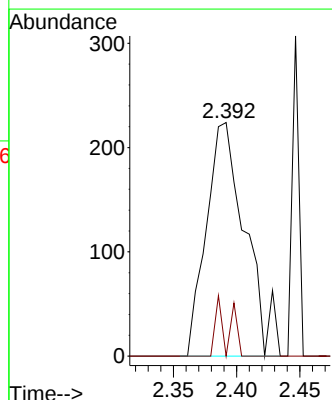
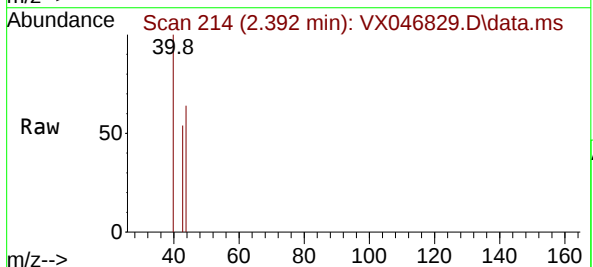
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBL01

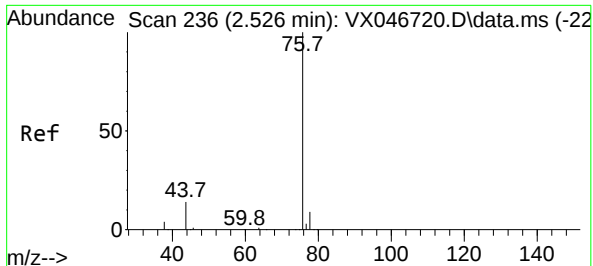
Tgt Ion:142 Resp: 554
Ion Ratio Lower Upper
142 100
127 17.5 37.0 55.6#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 0.535 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046829.D
Acq: 30 Jun 2025 09:39

Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#

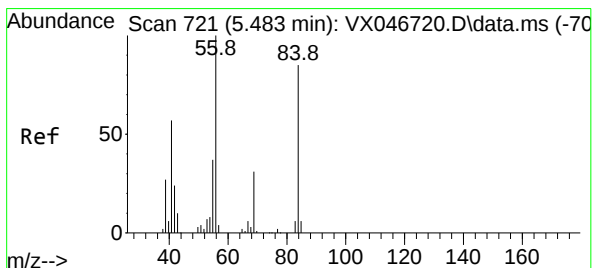
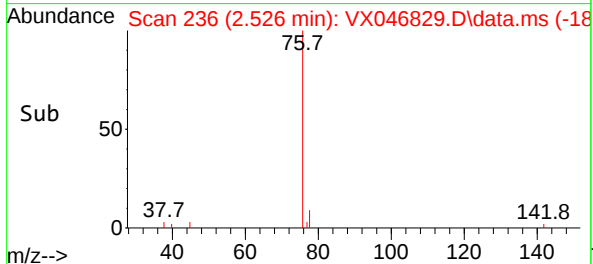
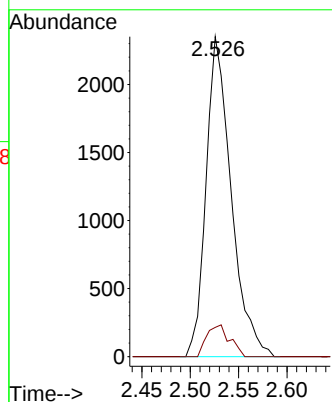
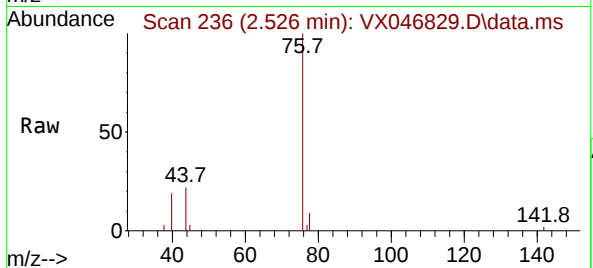




#17
Carbon Disulfide
Concen: 0.654 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046829.D
Acq: 30 Jun 2025 09:39

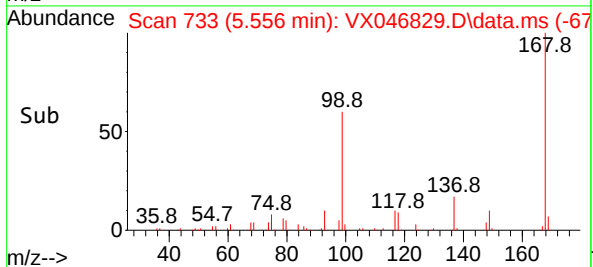
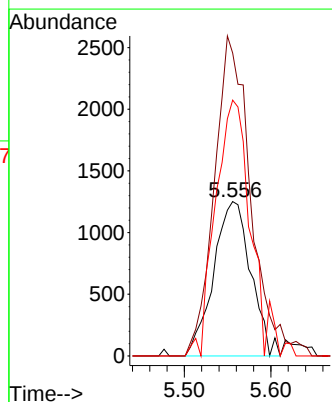
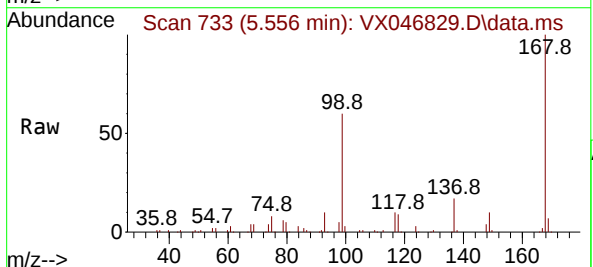
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBL01

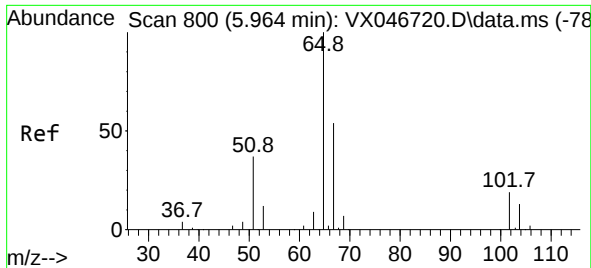
Tgt Ion: 76 Resp: 4255
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#31
Cyclohexane
Concen: 0.923 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX046829.D
Acq: 30 Jun 2025 09:39

Tgt Ion: 56 Resp: 3729
Ion Ratio Lower Upper
56 100
69 196.2 24.8 37.2#
84 165.8 68.2 102.2#

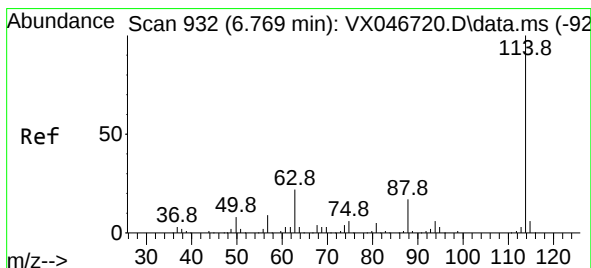
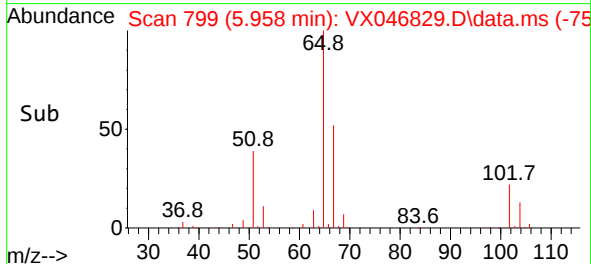
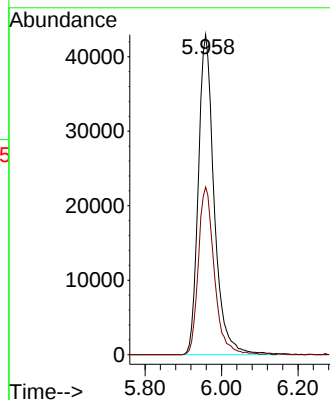
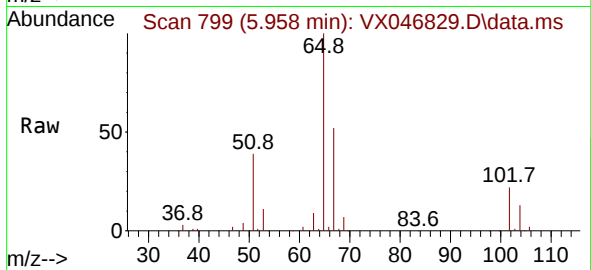




#33
 1,2-Dichloroethane-d4
 Concen: 45.751 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX046829.D
 Acq: 30 Jun 2025 09:39

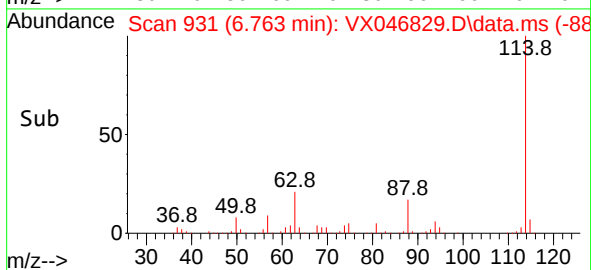
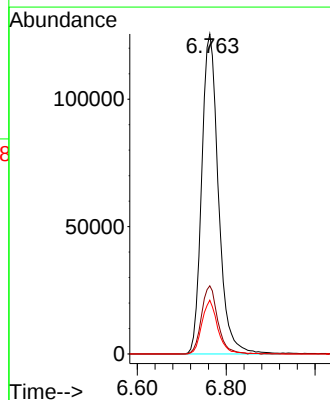
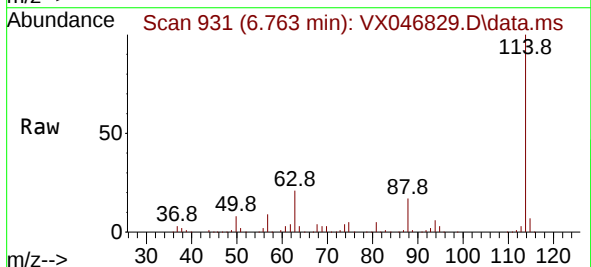
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630MBL01

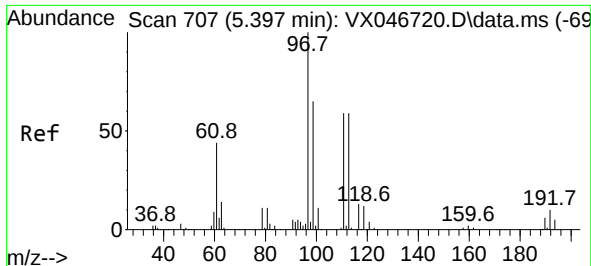
Tgt Ion: 65 Resp: 123404
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX046829.D
 Acq: 30 Jun 2025 09:39

Tgt Ion: 114 Resp: 329350
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.2
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.590 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX046829.D

Acq: 30 Jun 2025 09:39

Instrument :

MSVOA_X

ClientSampleId :

VX0630MBL01

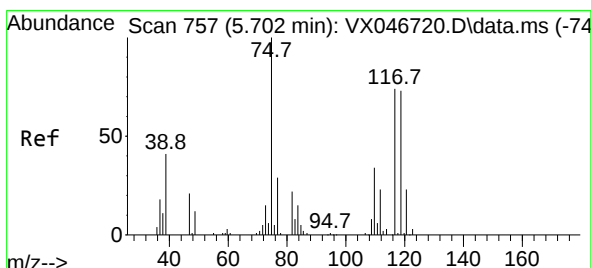
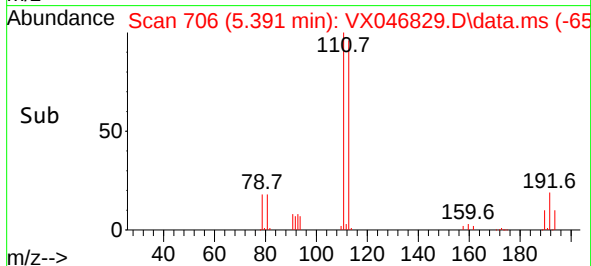
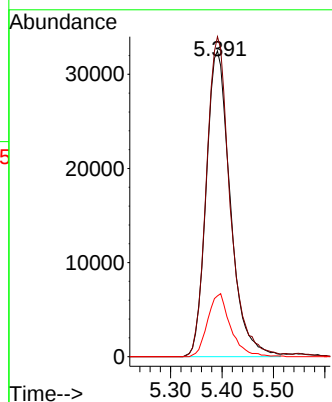
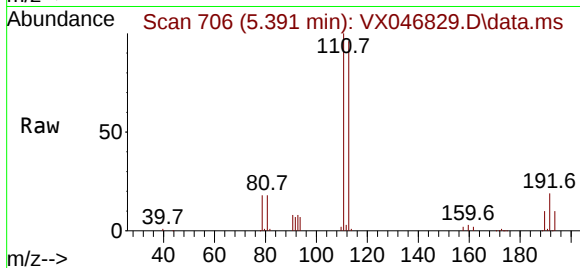
Tgt Ion:113 Resp: 105881

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 19.6 15.3 22.9



#36

1,1-Dichloropropene

Concen: 4.889 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.147 min

Lab File: VX046829.D

Acq: 30 Jun 2025 09:39

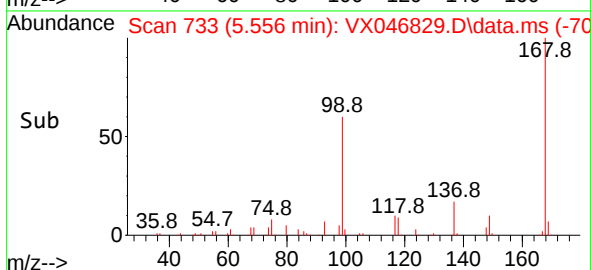
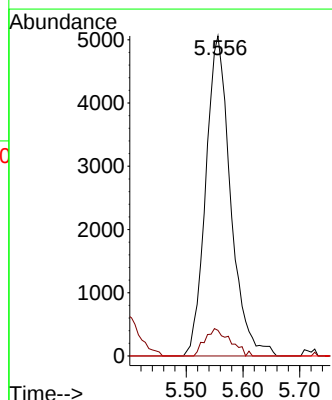
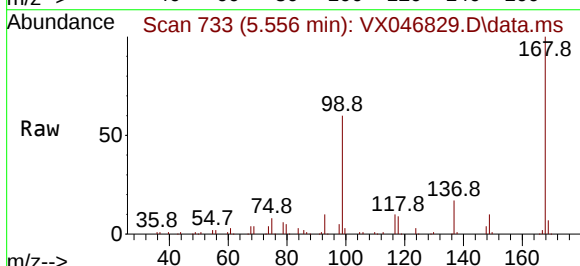
Tgt Ion: 75 Resp: 15379

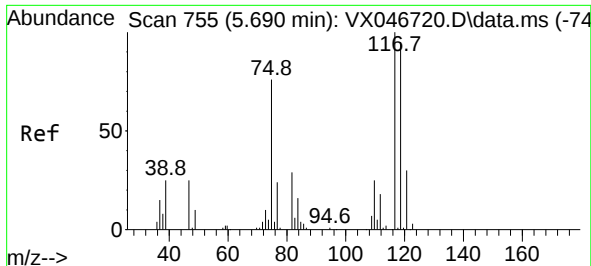
Ion Ratio Lower Upper

75 100

110 8.7 17.2 51.5#

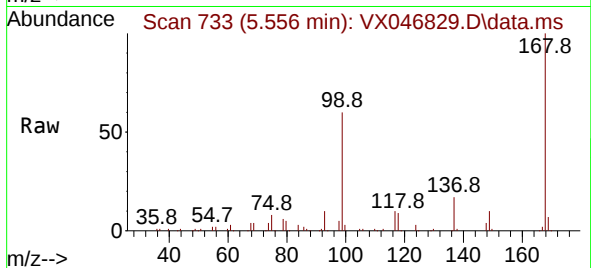
77 0.0 24.2 36.4#



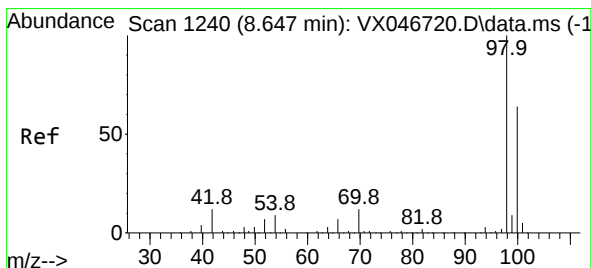
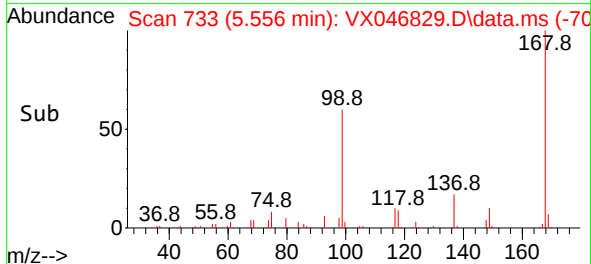
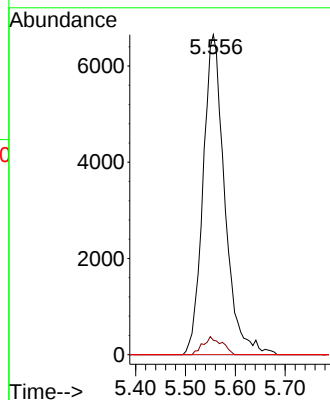


#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046829.D
Acq: 30 Jun 2025 09:39

Instrument :
MSVOA_X
ClientSampleId :
VX0630MBL01

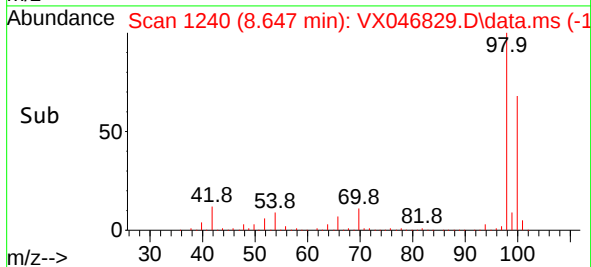
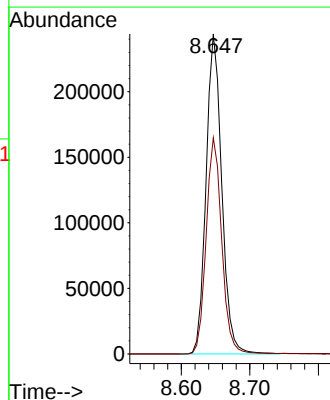
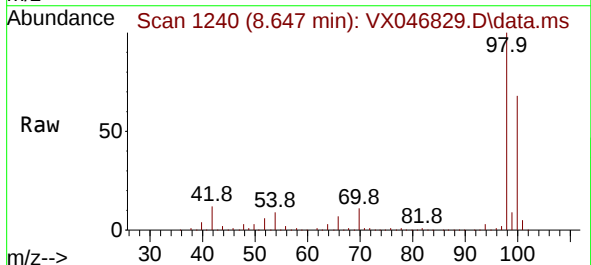


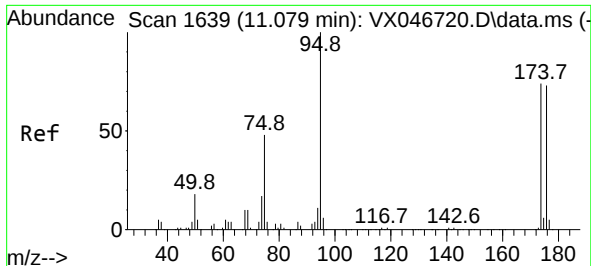
Tgt Ion:117 Resp: 20076
Ion Ratio Lower Upper
117 100
119 4.5 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.677 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046829.D
Acq: 30 Jun 2025 09:39

Tgt Ion: 98 Resp: 388920
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4

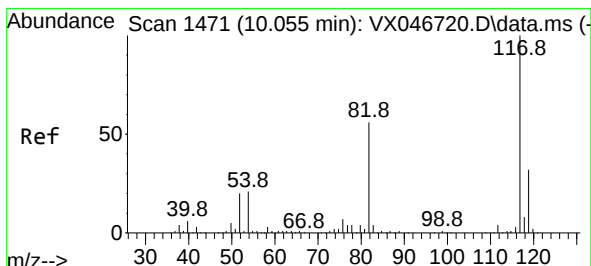
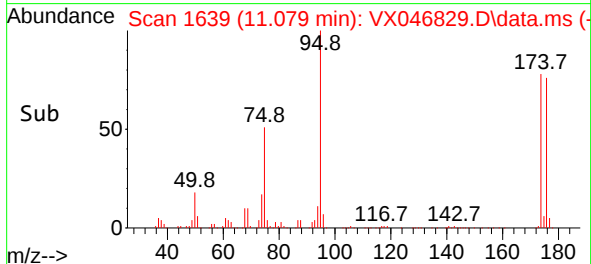
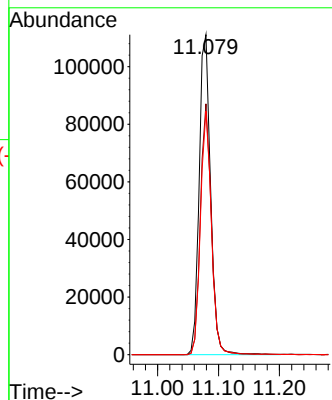
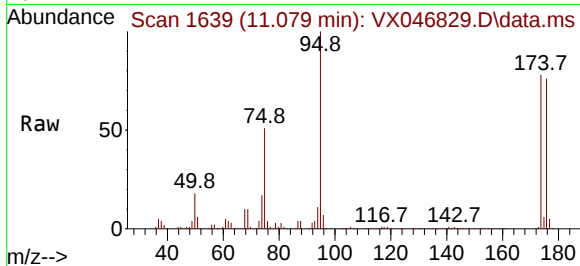




#62
4-Bromofluorobenzene
Concen: 49.226 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046829.D
Acq: 30 Jun 2025 09:39

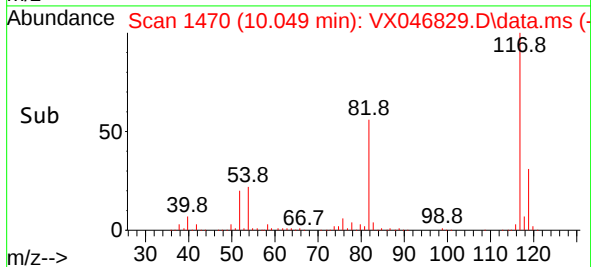
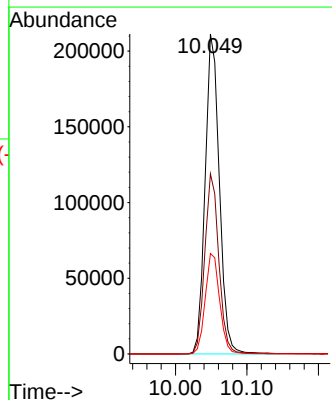
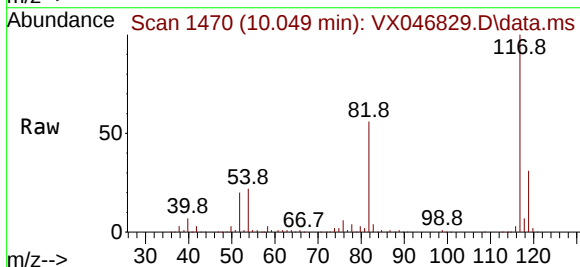
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBL01

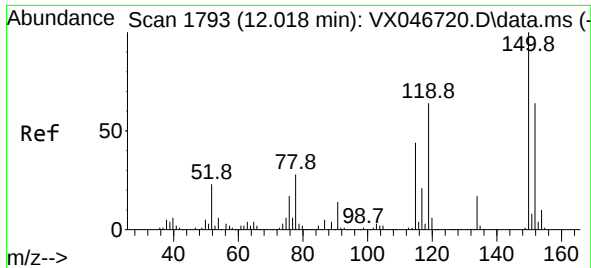
Tgt Ion: 95 Resp: 143659
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.4
176 73.3 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046829.D
Acq: 30 Jun 2025 09:39

Tgt Ion: 117 Resp: 292085
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 31.4 25.8 38.8

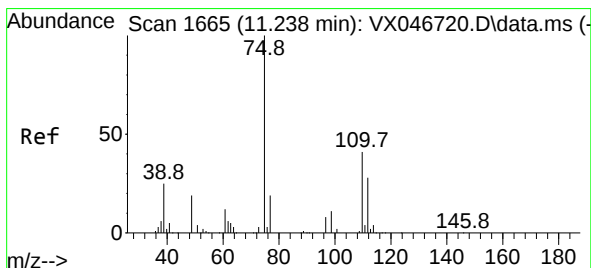
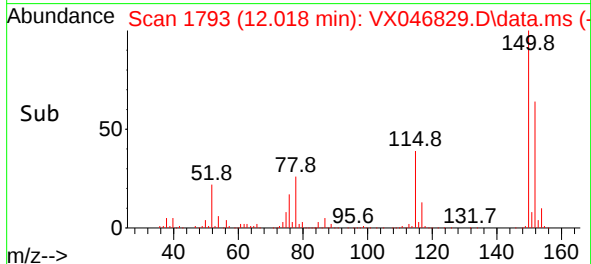
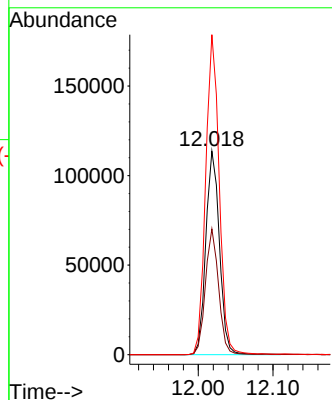
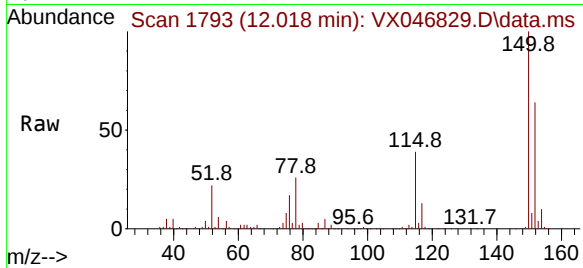




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046829.D
 Acq: 30 Jun 2025 09:39

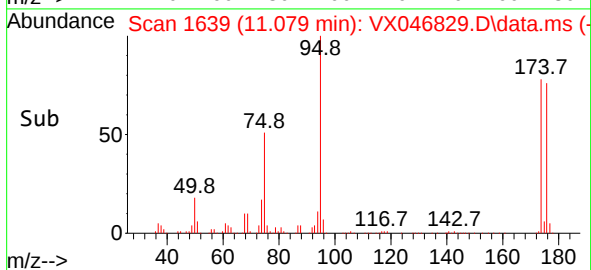
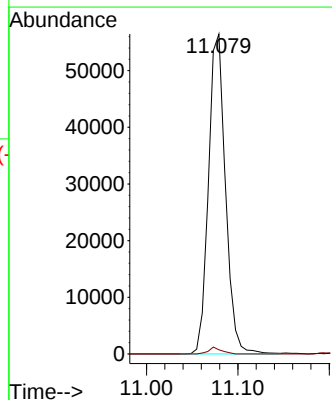
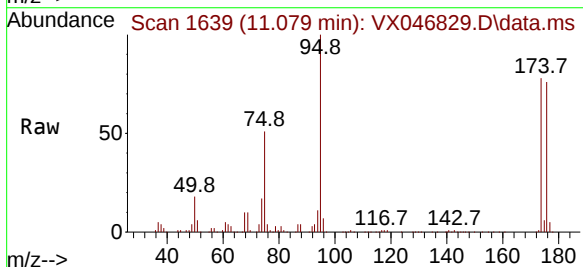
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630MBL01

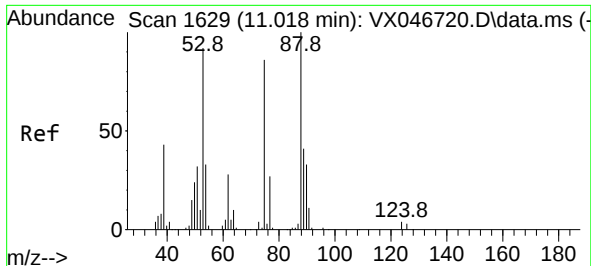
Tgt Ion:152 Resp: 144120
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.2 129.6
 150 156.1 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 27.630 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046829.D
 Acq: 30 Jun 2025 09:39

Tgt Ion: 75 Resp: 72933
 Ion Ratio Lower Upper
 75 100
 77 1.6 18.5 55.5#

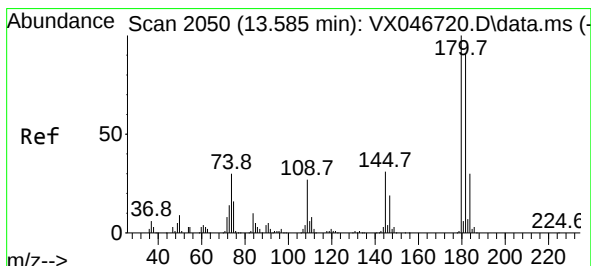
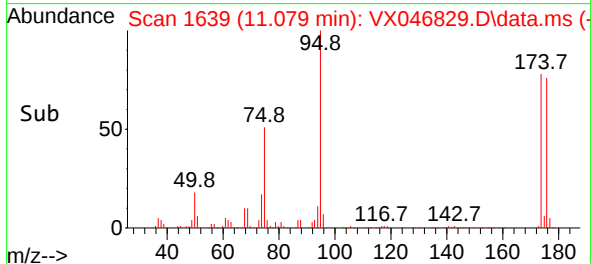
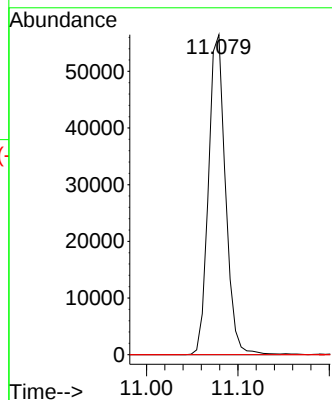
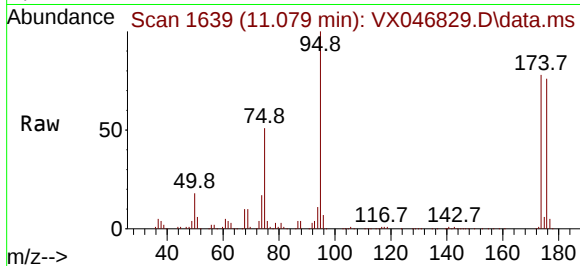




#81
trans-1,4-Dichloro-2-butene
Concen: 78.100 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046829.D
Acq: 30 Jun 2025 09:39

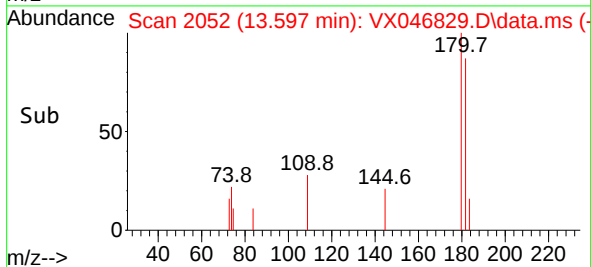
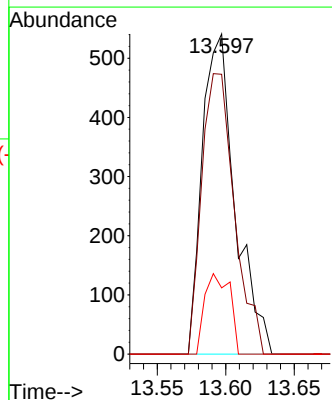
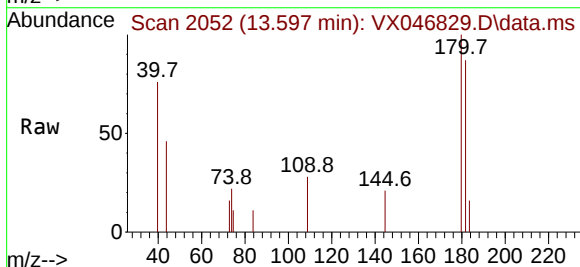
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBL01

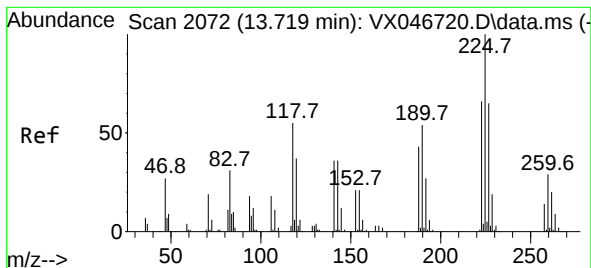
Tgt Ion: 75 Resp: 72933
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.273 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX046829.D
Acq: 30 Jun 2025 09:39

Tgt Ion:180 Resp: 904
Ion Ratio Lower Upper
180 100
182 86.9 46.7 140.1
145 19.0 15.8 47.4





#94

Hexachlorobutadiene

Concen: 1.060 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.000 min

Lab File: VX046829.D

Acq: 30 Jun 2025 09:39

Instrument :

MSVOA_X

ClientSampleId :

VX0630MBL01

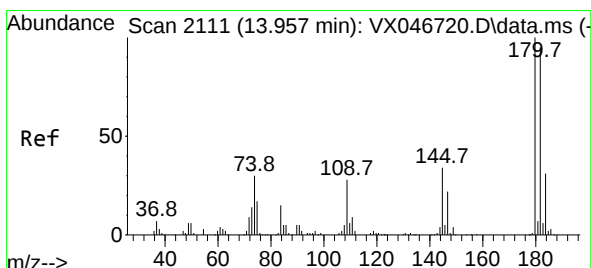
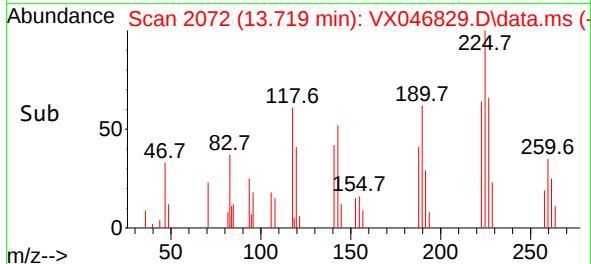
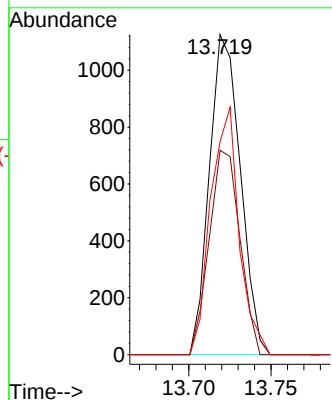
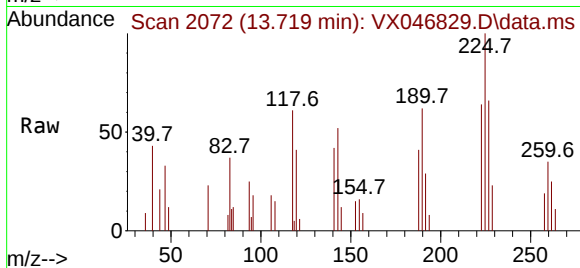
Tgt Ion:225 Resp: 1475

Ion Ratio Lower Upper

225 100

223 63.3 32.5 97.5

227 70.8 32.2 96.6



#96

1,2,3-Trichlorobenzene

Concen: 0.265 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046829.D

Acq: 30 Jun 2025 09:39

Tgt Ion:180 Resp: 840

Ion Ratio Lower Upper

180 100

182 73.3 47.8 143.4

145 30.7 17.3 51.9

