

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046729.D
 Acq On : 18 Jun 2025 10:22
 Operator : JC/MD
 Sample : VX0618MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618MBL01

Quant Time: Jun 19 01:19:21 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)

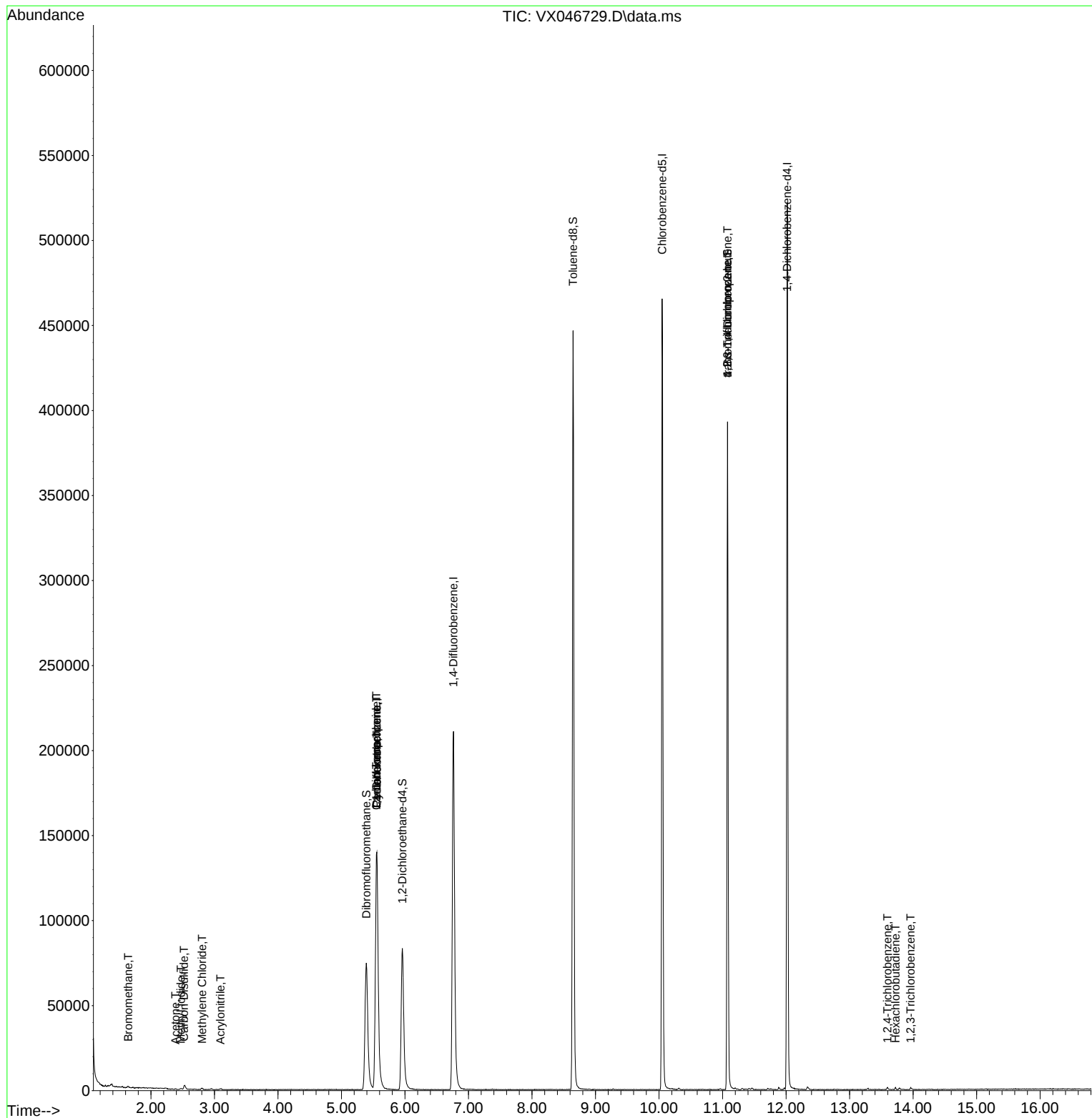
Internal Standards						
1) Pentafluorobenzene	5.556	168	143901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	208276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88297	44.361	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.720%		
35) Dibromofluoromethane	5.391	113	71976	47.047	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.100%		
50) Toluene-d8	8.647	98	272726	49.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.240%		
62) 4-Bromofluorobenzene	11.079	95	105096	51.294	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.580%		
Target Compounds						Qvalue
5) Bromomethane	1.642	94	451	0.453	ug/l	86
10) Methyl Iodide	2.471	142	936	4.748	ug/l #	88
15) Acrylonitrile	3.093	53	206	0.256	ug/l #	38
16) Acetone	2.386	43	408	0.615	ug/l #	44
17) Carbon Disulfide	2.520	76	1631	0.340	ug/l	99
20) Methylene Chloride	2.806	84	405	0.219	ug/l #	84
31) Cyclohexane	5.556	56	3035	1.018	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	11609	5.257	ug/l #	52
38) Carbon Tetrachloride	5.550	117	14583	6.085	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	54590	28.441	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	54590	80.390	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.597	180	500	0.208	ug/l	94
94) Hexachlorobutadiene	13.725	225	294	0.290	ug/l	86
96) 1,2,3-Trichlorobenzene	13.963	180	559	0.243	ug/l	87

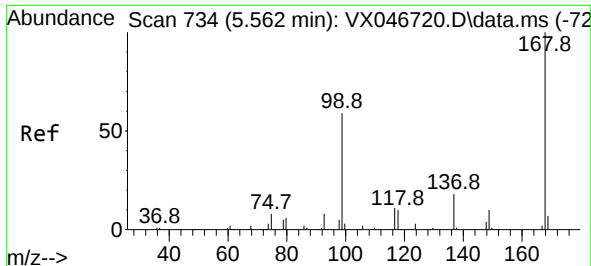
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
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Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01

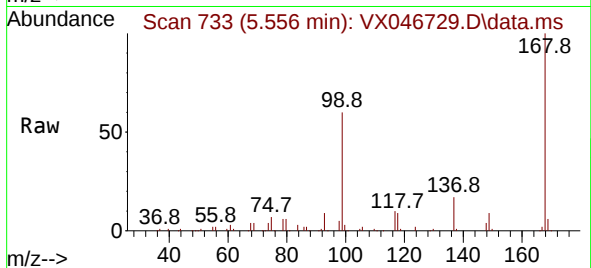
Quant Time: Jun 19 01:19:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
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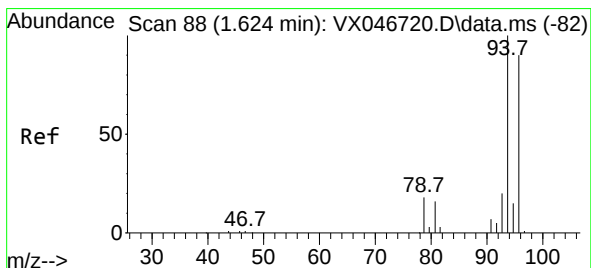
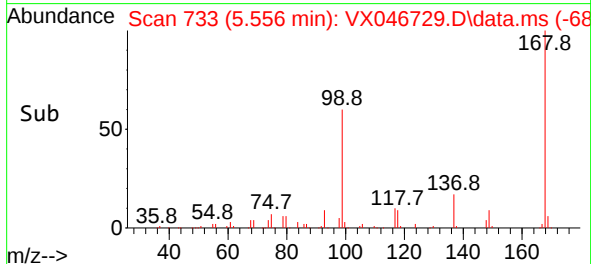
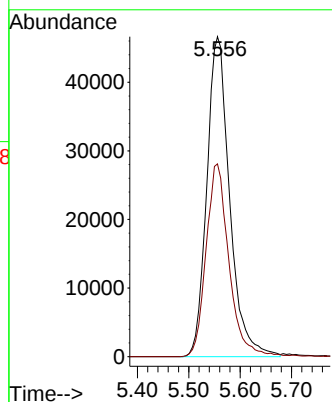


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01

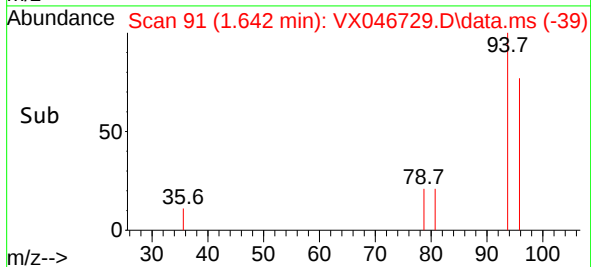
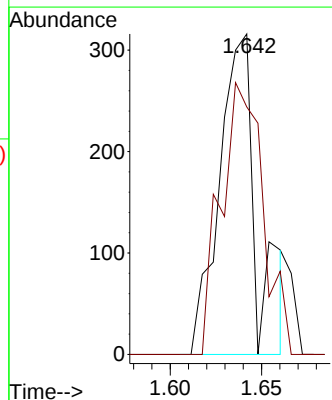
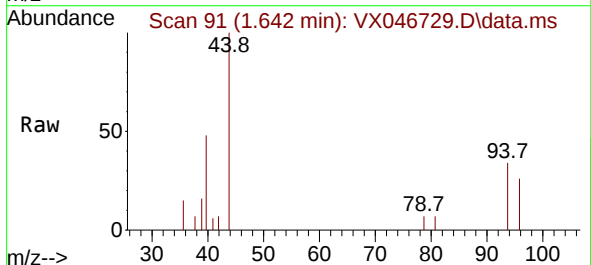


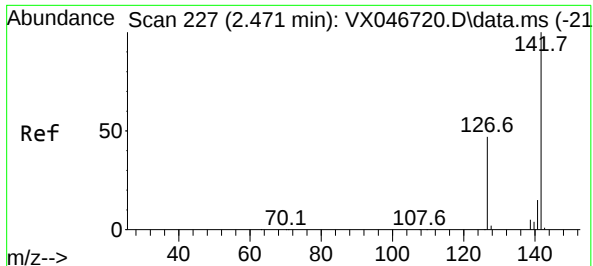
Tgt Ion:168 Resp: 143901
Ion Ratio Lower Upper
168 100
99 60.2 48.5 72.7



#5
Bromomethane
Concen: 0.453 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

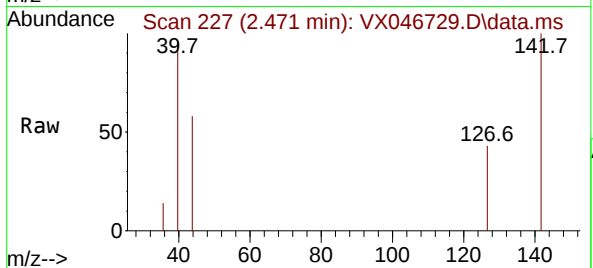
Tgt Ion: 94 Resp: 451
Ion Ratio Lower Upper
94 100
96 77.2 72.3 108.5



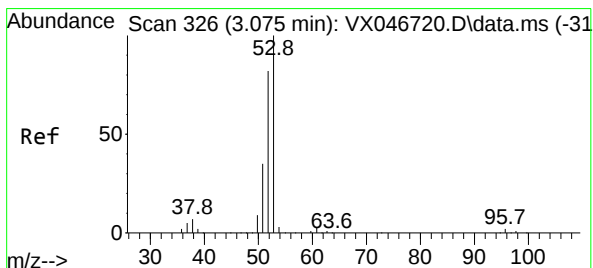
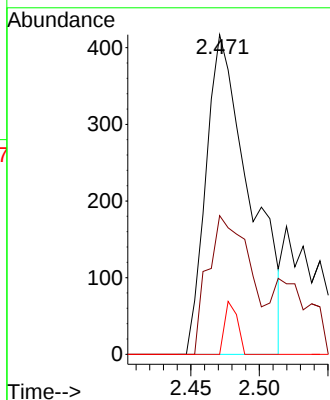
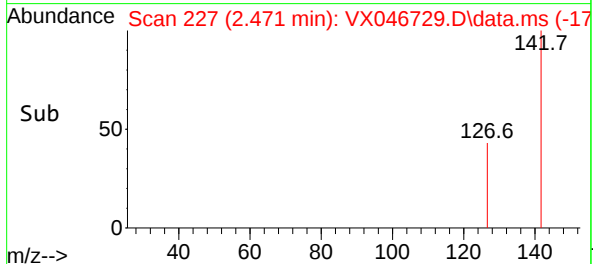


#10
Methyl Iodide
Concen: 4.748 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

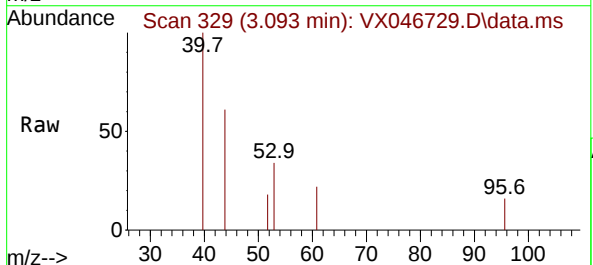
Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01



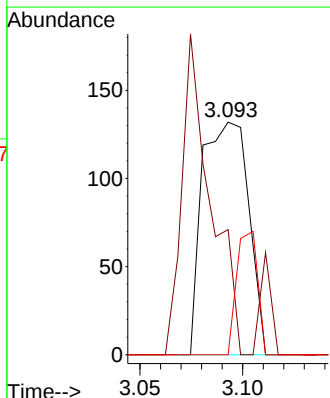
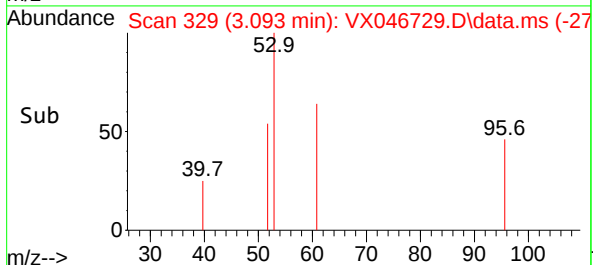
Tgt Ion:142 Resp: 936
Ion Ratio Lower Upper
142 100
127 40.5 37.0 55.6
141 4.7 11.5 17.3#

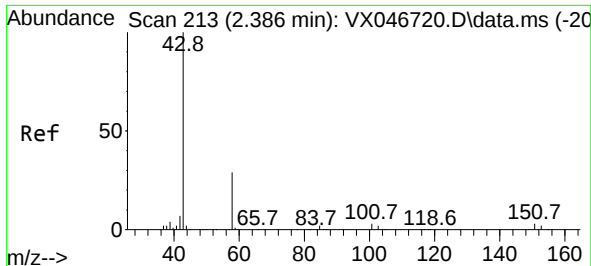


#15
Acrylonitrile
Concen: 0.256 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.018 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22



Tgt Ion: 53 Resp: 206
Ion Ratio Lower Upper
53 100
52 10.2 65.1 97.7#
51 24.3 28.9 43.3#

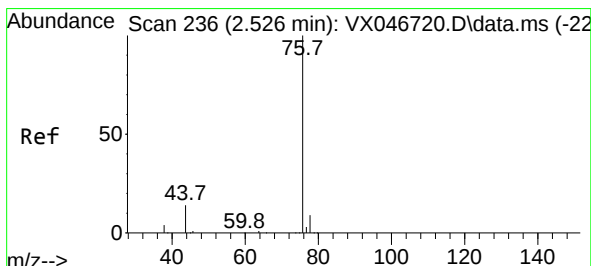
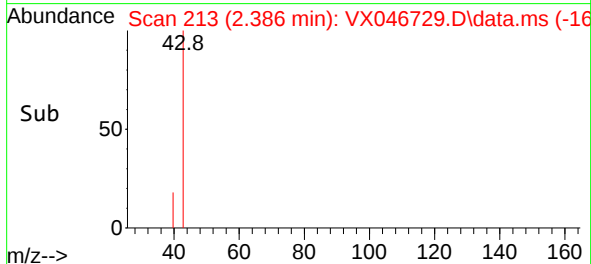
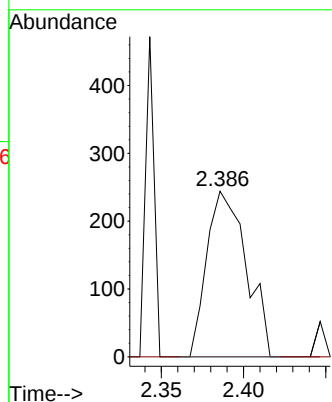
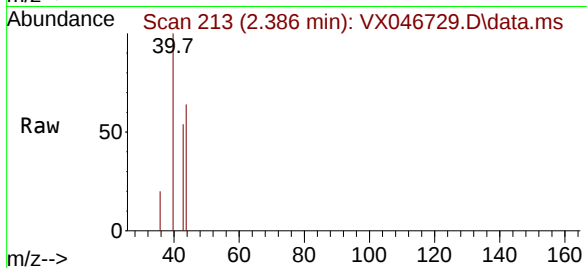




#16
Acetone
Concen: 0.615 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

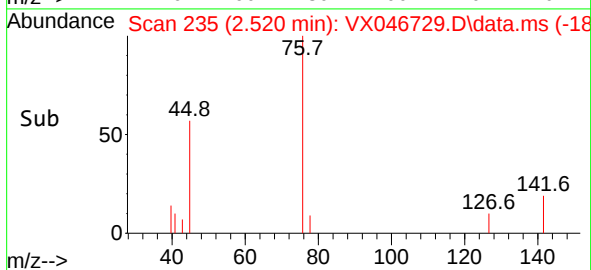
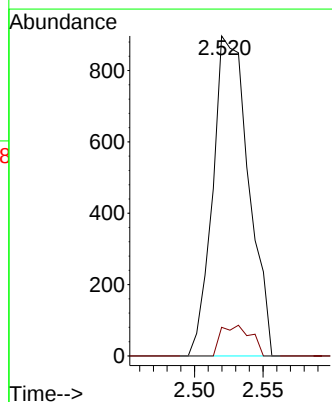
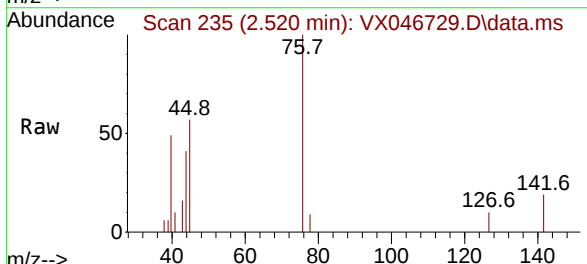
Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01

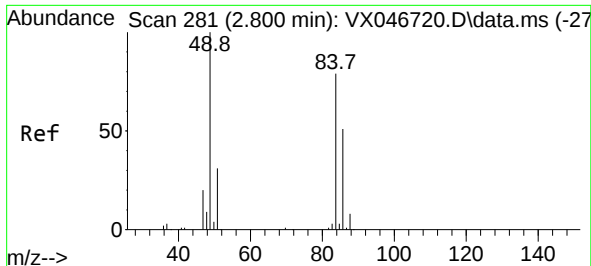
Tgt Ion: 43 Resp: 408
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#17
Carbon Disulfide
Concen: 0.340 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.006 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Tgt Ion: 76 Resp: 1631
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

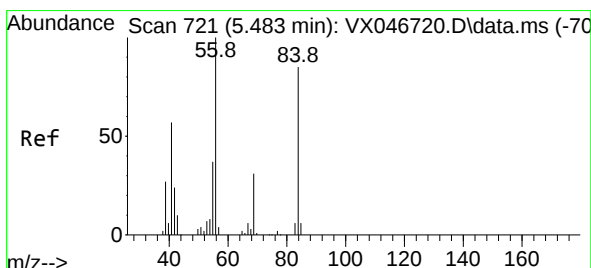
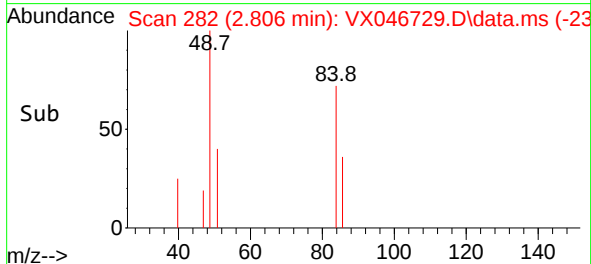
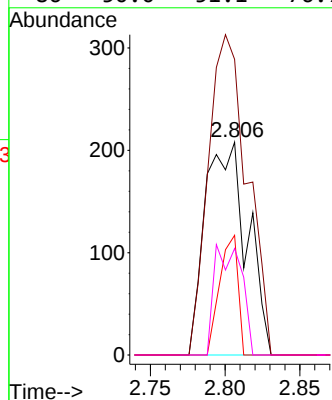
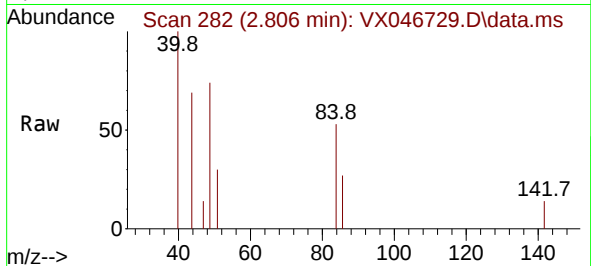




#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

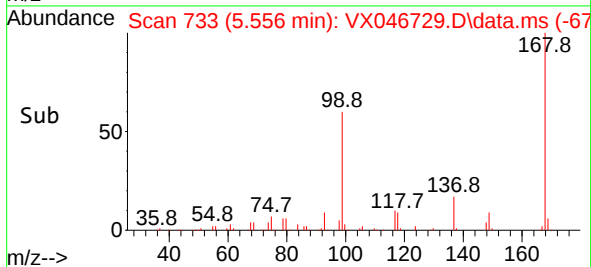
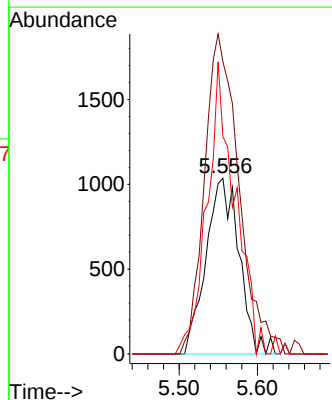
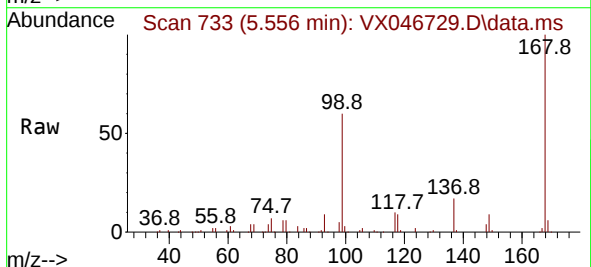
Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01

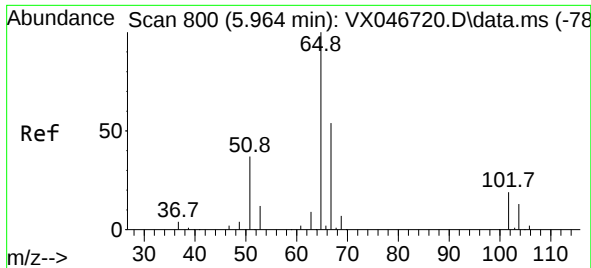
Tgt Ion: 84 Resp: 405
Ion Ratio Lower Upper
84 100
49 138.9 101.3 151.9
51 56.3 31.0 46.6#
86 50.0 51.1 76.7#



#31
Cyclohexane
Concen: 1.018 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Tgt Ion: 56 Resp: 3035
Ion Ratio Lower Upper
56 100
69 166.3 24.8 37.2#
84 123.7 68.2 102.2#

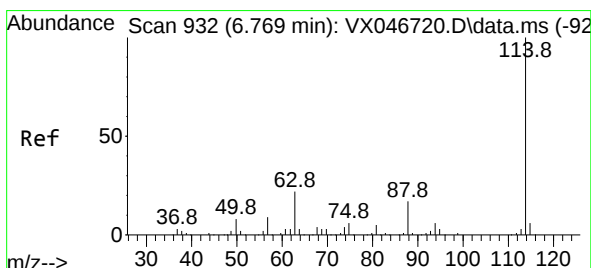
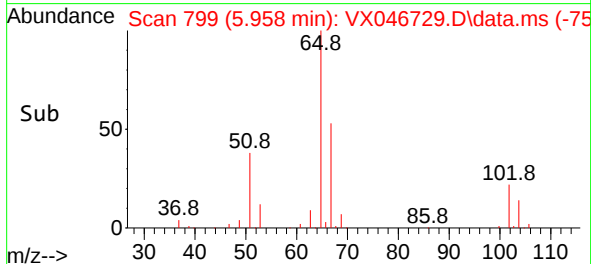
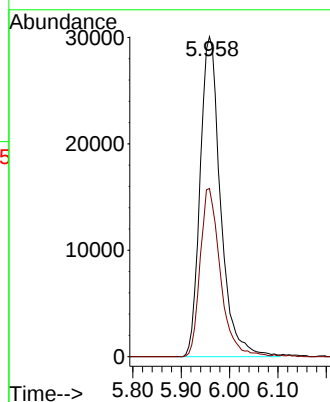
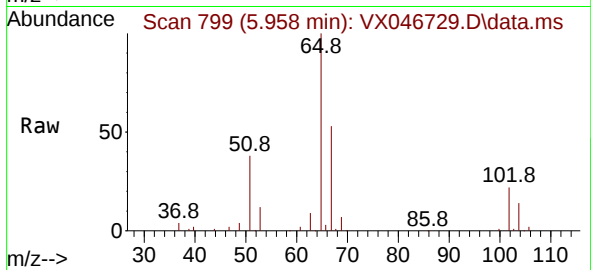




#33
 1,2-Dichloroethane-d4
 Concen: 44.361 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX046729.D
 Acq: 18 Jun 2025 10:22

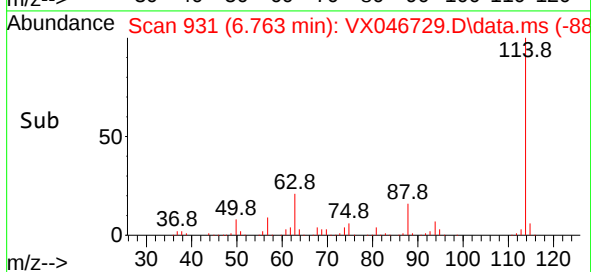
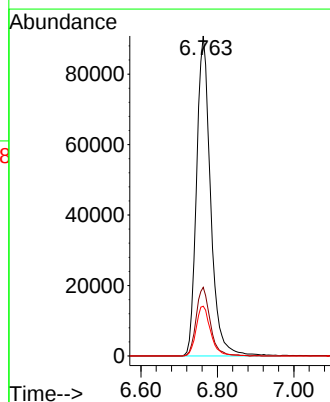
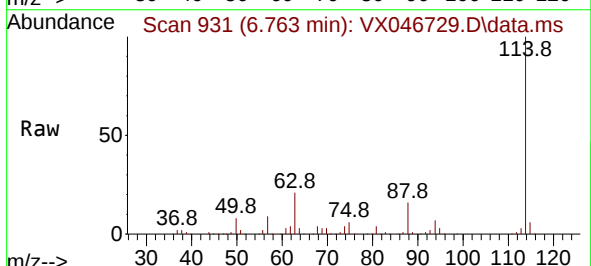
Instrument :
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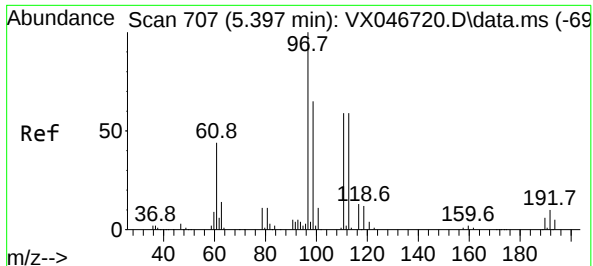
Tgt Ion: 65 Resp: 88297
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX046729.D
 Acq: 18 Jun 2025 10:22

Tgt Ion: 114 Resp: 231227
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.2
 88 15.6 0.0 33.2

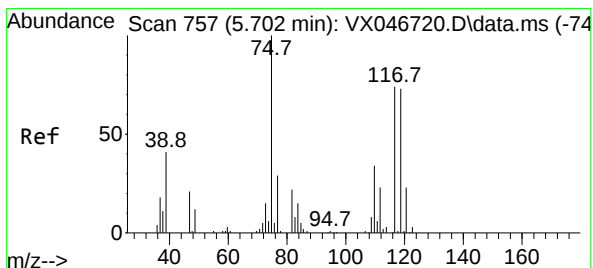
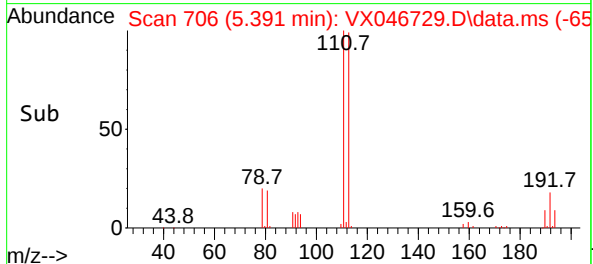
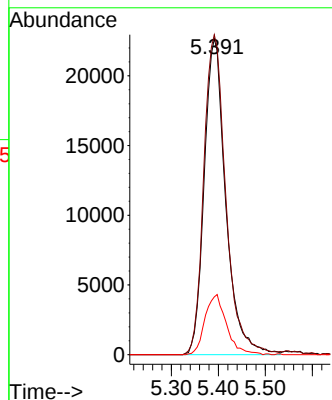
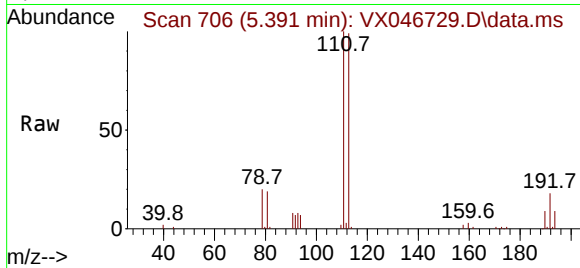




#35
Dibromofluoromethane
Concen: 47.047 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

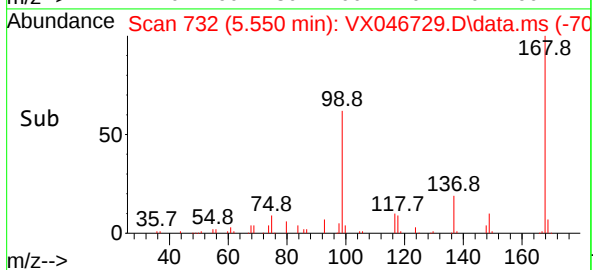
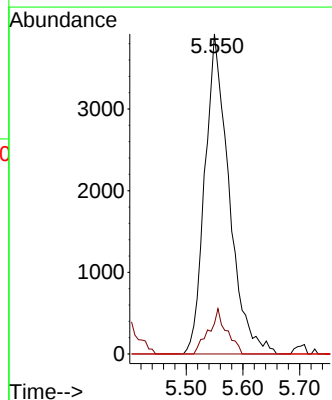
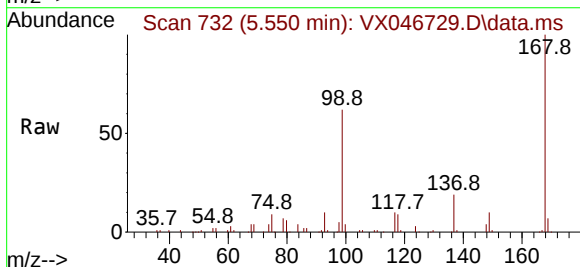
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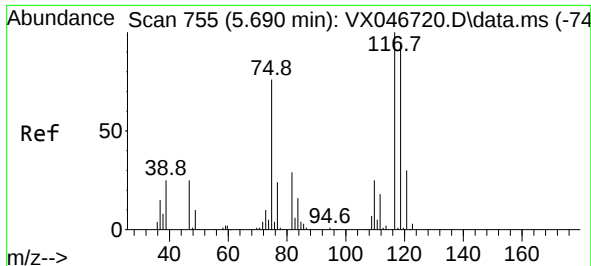
Tgt Ion:113 Resp: 71976
Ion Ratio Lower Upper
113 100
111 103.9 82.0 123.0
192 19.1 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.257 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.153 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

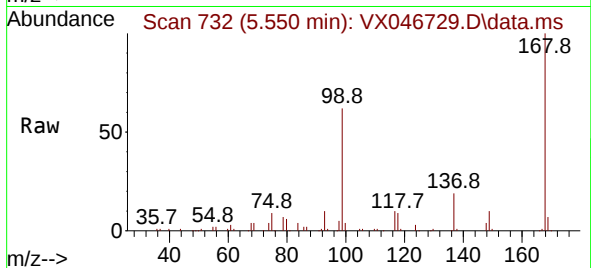
Tgt Ion: 75 Resp: 11609
Ion Ratio Lower Upper
75 100
110 10.3 17.2 51.5#
77 0.0 24.2 36.4#



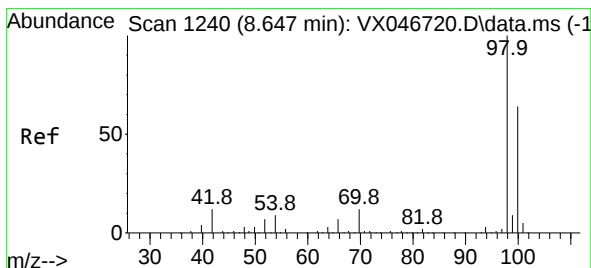
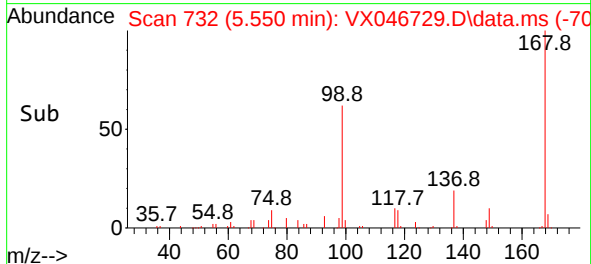
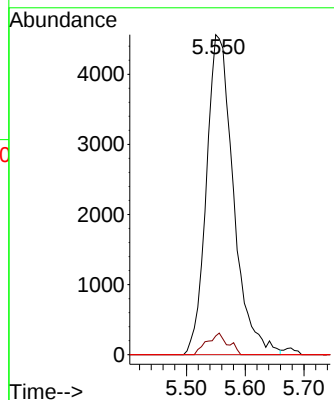


#38
Carbon Tetrachloride
Concen: 6.085 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01

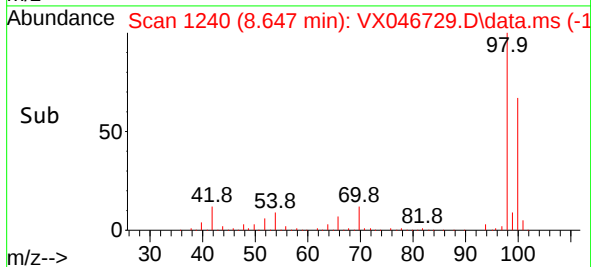
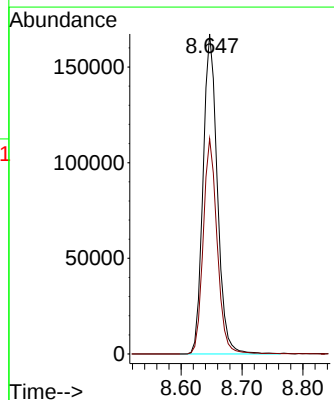
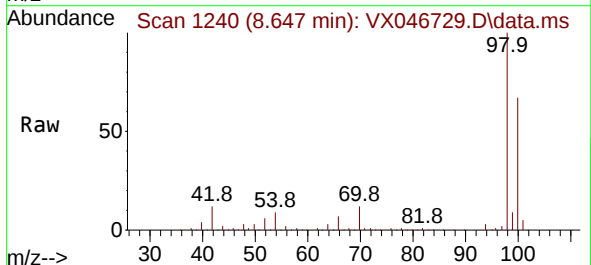


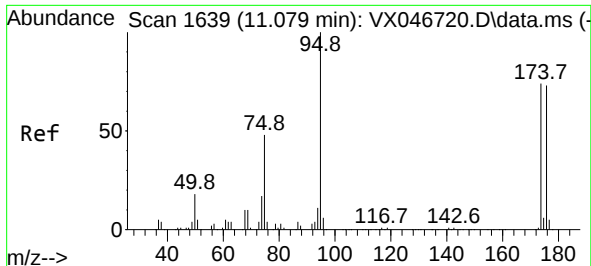
Tgt Ion:117 Resp: 14583
Ion Ratio Lower Upper
117 100
119 5.8 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.618 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Tgt Ion: 98 Resp: 272726
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4

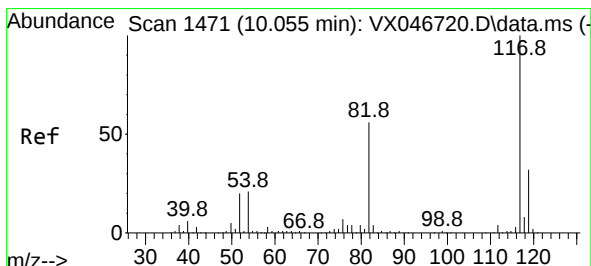
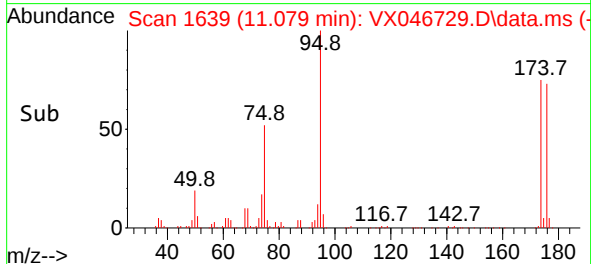
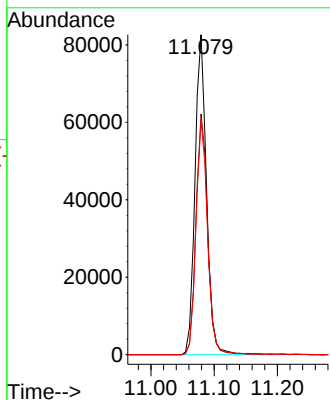
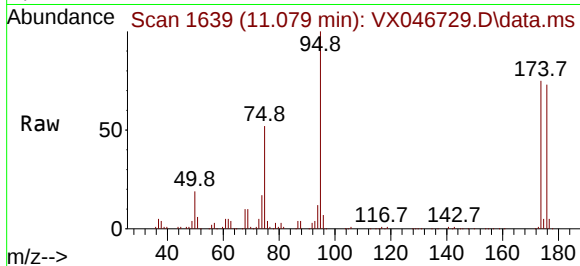




#62
4-Bromofluorobenzene
Concen: 51.294 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

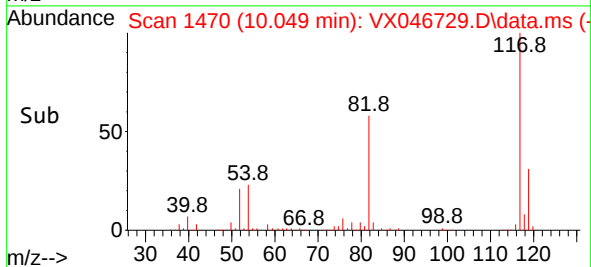
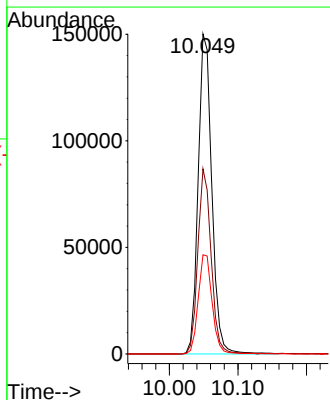
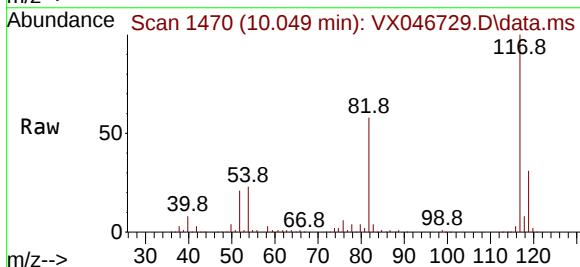
Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01

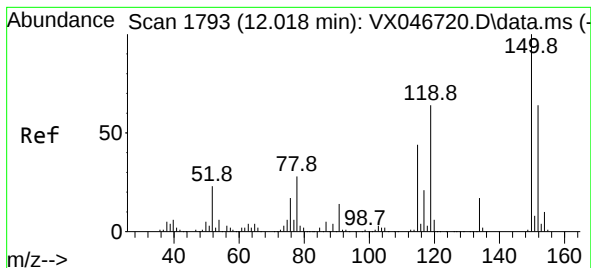
Tgt Ion: 95 Resp: 105096
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.4
176 73.0 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Tgt Ion: 117 Resp: 208276
Ion Ratio Lower Upper
117 100
82 57.9 44.6 66.8
119 31.0 25.8 38.8

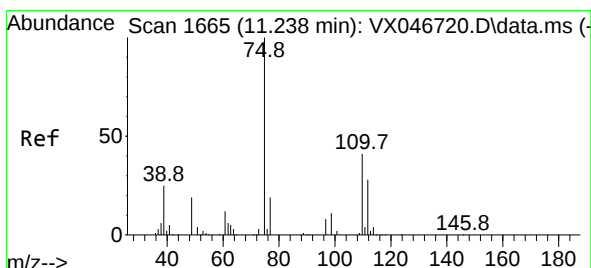
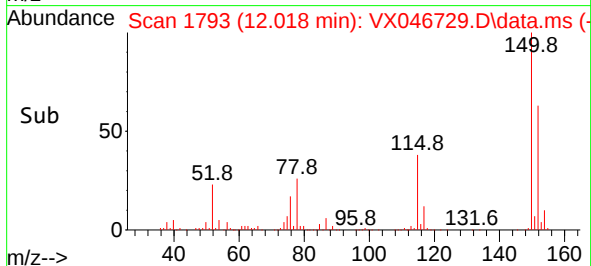
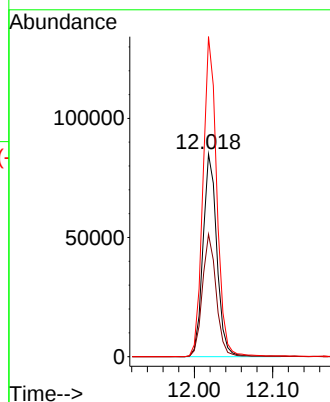
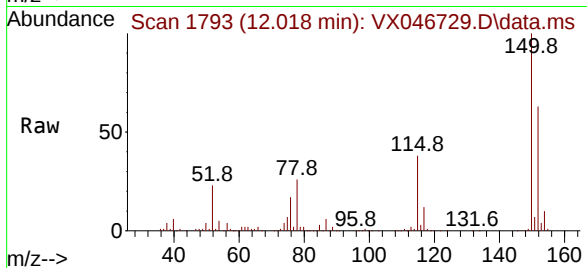




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

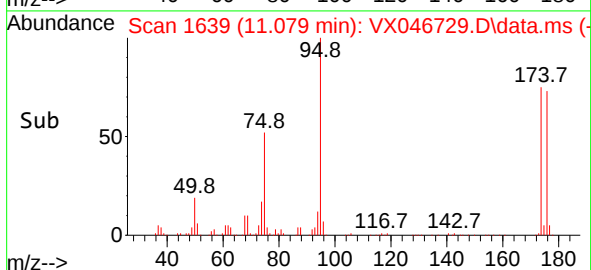
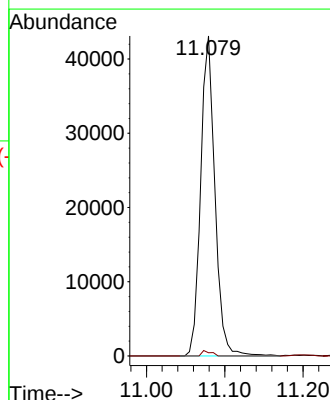
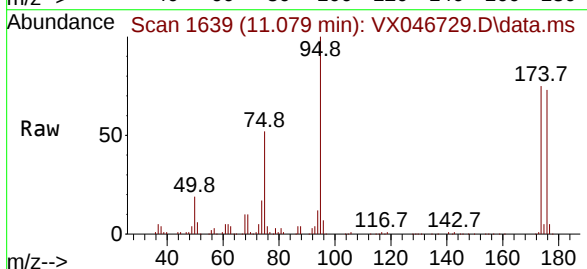
Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01

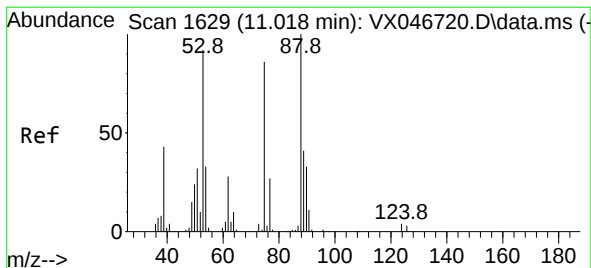
Tgt Ion:152 Resp: 104800
Ion Ratio Lower Upper
152 100
115 60.4 43.2 129.6
150 157.6 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 28.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Tgt Ion: 75 Resp: 54590
Ion Ratio Lower Upper
75 100
77 1.1 18.5 55.5#

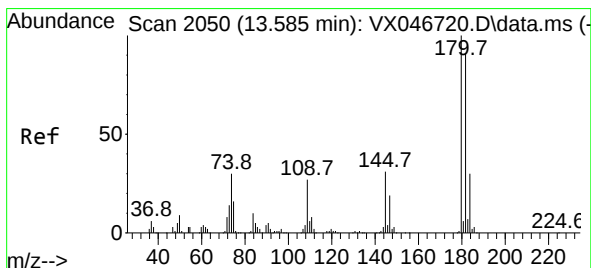
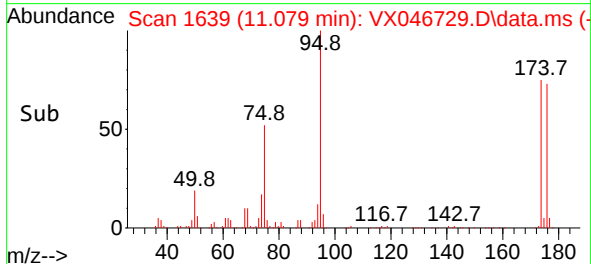
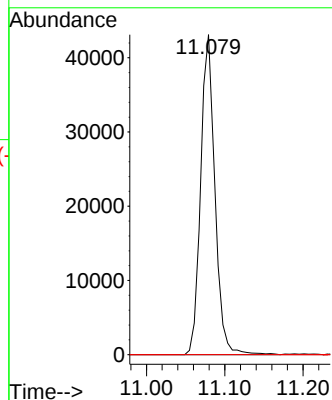
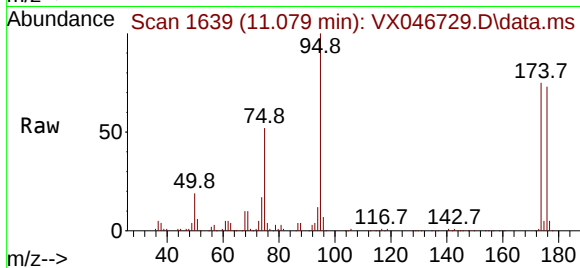




#81
trans-1,4-Dichloro-2-butene
Concen: 80.390 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

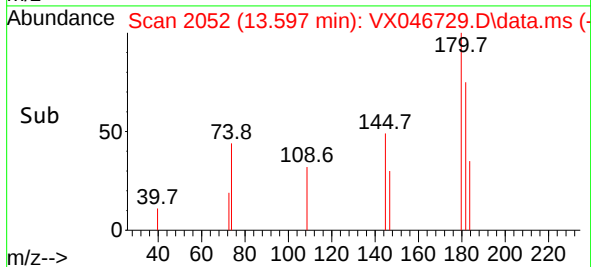
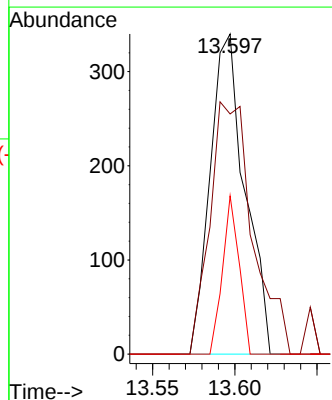
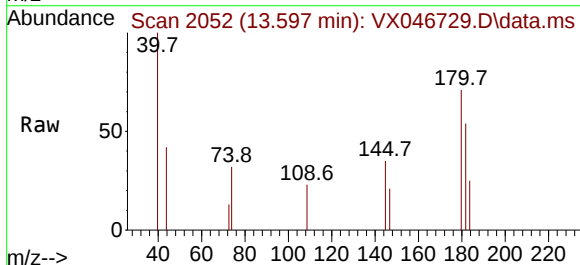
Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01

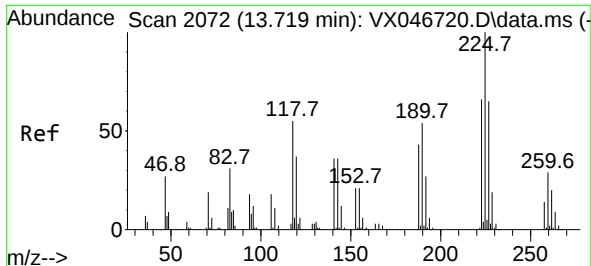
Tgt Ion: 75 Resp: 54590
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.208 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

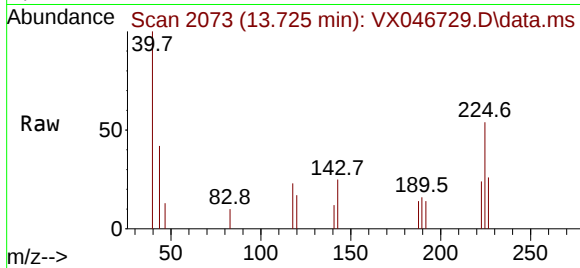
Tgt Ion:180 Resp: 500
Ion Ratio Lower Upper
180 100
182 97.0 46.7 140.1
145 23.6 15.8 47.4



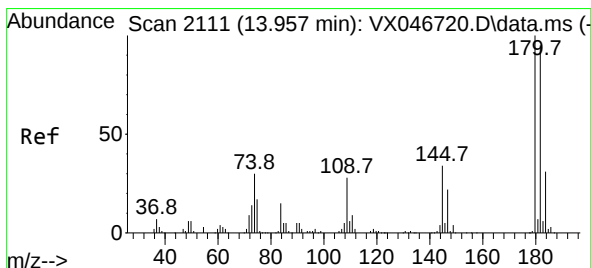
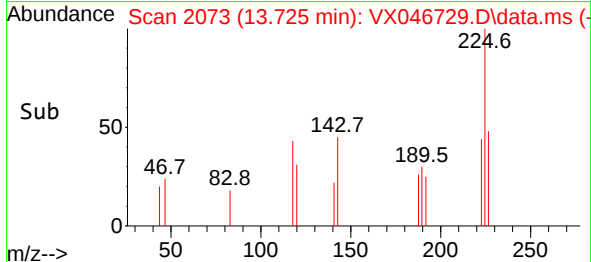
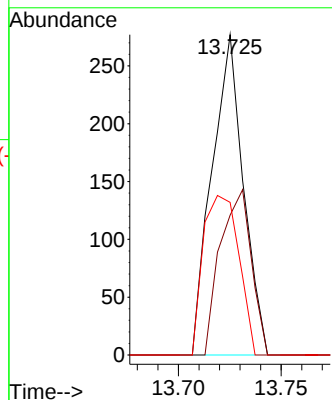


#94
Hexachlorobutadiene
Concen: 0.290 ug/l
RT: 13.725 min Scan# 2072
Delta R.T. 0.006 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0618MBL01



Tgt Ion:225 Resp: 294
Ion Ratio Lower Upper
225 100
223 51.0 32.5 97.5
227 56.5 32.2 96.6



#96
1,2,3-Trichlorobenzene
Concen: 0.243 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046729.D
Acq: 18 Jun 2025 10:22

Tgt Ion:180 Resp: 559
Ion Ratio Lower Upper
180 100
182 86.0 47.8 143.4
145 21.5 17.3 51.9

