

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046870.D
 Acq On : 03 Jul 2025 08:42
 Operator : JC/MD
 Sample : VX0703MBL01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703MBL01

Quant Time: Jul 04 01:25:54 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)

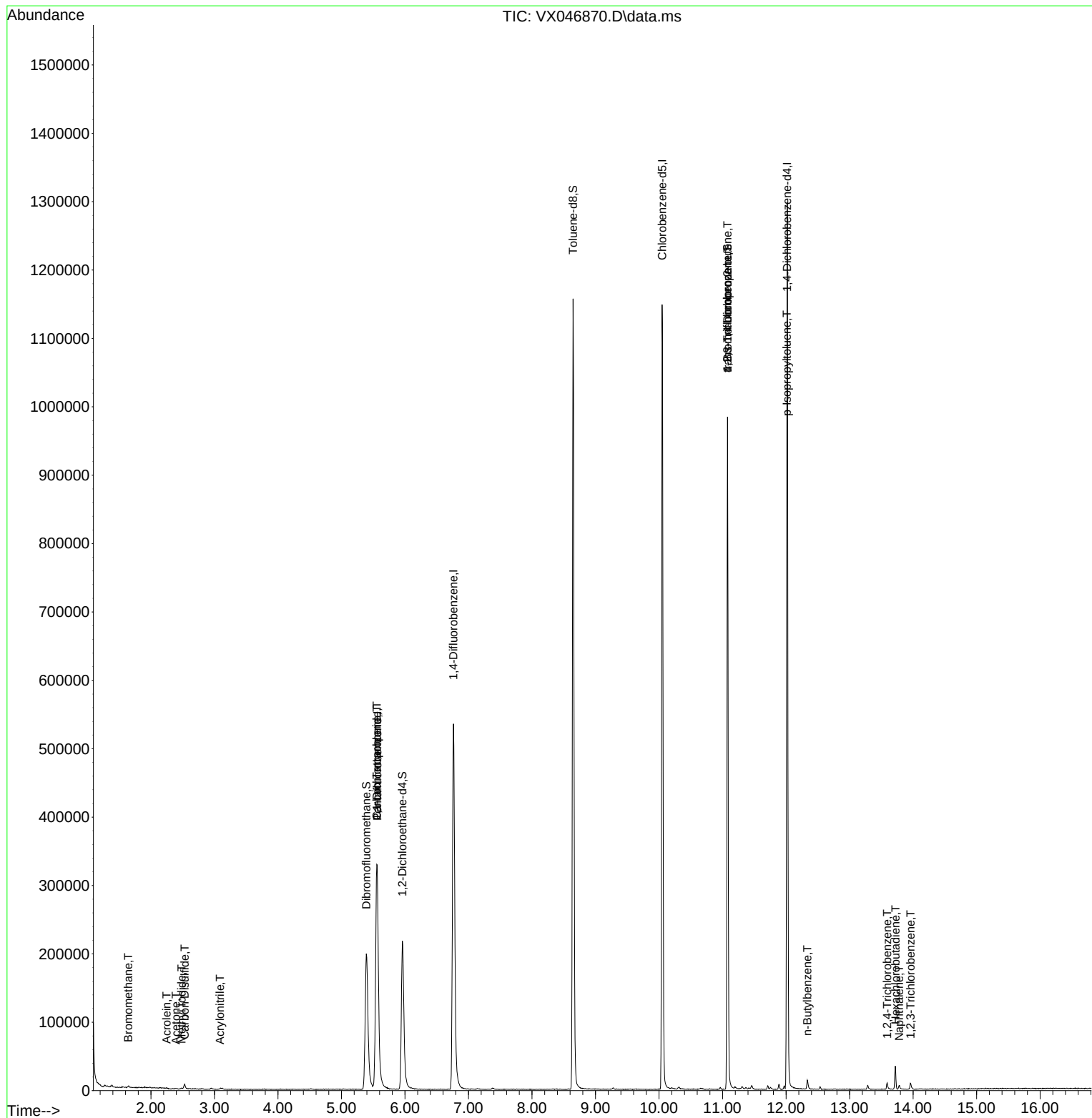
Internal Standards						
1) Pentafluorobenzene	5.562	168	347322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	593862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	536305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	269022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	225335	49.109	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.220%		
35) Dibromofluoromethane	5.391	113	192478	47.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.500%		
50) Toluene-d8	8.647	98	711018	49.992	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.980%		
62) 4-Bromofluorobenzene	11.079	95	266944	49.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.760%		
Target Compounds						Qvalue
5) Bromomethane	1.642	94	1173	0.462	ug/l	97
10) Methyl Iodide	2.483	142	2764	0.652	ug/l #	85
13) Acrolein	2.245	56	153	3.290	ug/l #	1
15) Acrylonitrile	3.087	53	639	0.367	ug/l #	25
16) Acetone	2.392	43	1381	0.969	ug/l #	61
17) Carbon Disulfide	2.532	76	8187	0.829	ug/l #	94
36) 1,1-Dichloropropene	5.556	75	27582	5.071	ug/l #	51
38) Carbon Tetrachloride	5.556	117	35882	6.240	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	132889	31.969	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	132889	85.790	ug/l #	8
86) p-Isopropyltoluene	12.012	119	3941	0.235	ug/l	90
89) n-Butylbenzene	12.335	91	5920	0.376	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	2911	0.502	ug/l	99
94) Hexachlorobutadiene	13.725	225	4628	2.116	ug/l	95
95) Naphthalene	13.780	128	5011	0.328	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2923	0.533	ug/l	94

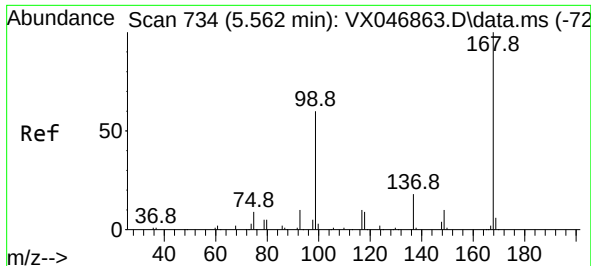
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046870.D
Acq On : 03 Jul 2025 08:42
Operator : JC/MD
Sample : VX0703MBL01
Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

Quant Time: Jul 04 01:25:54 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

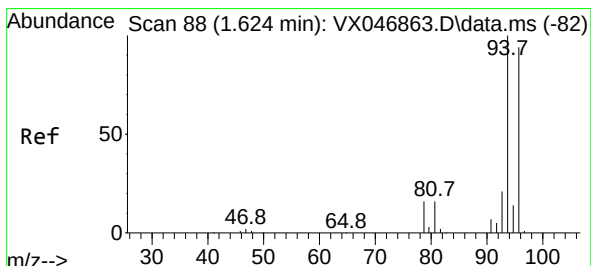
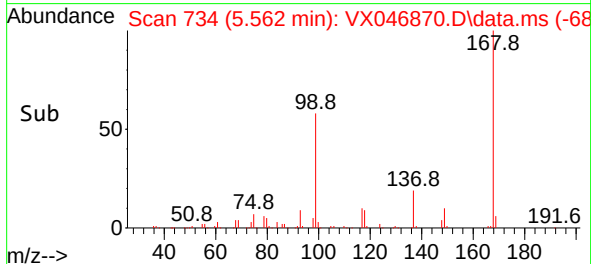
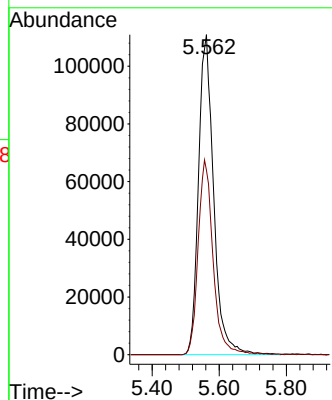
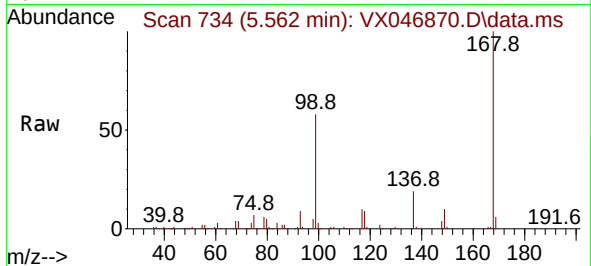




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

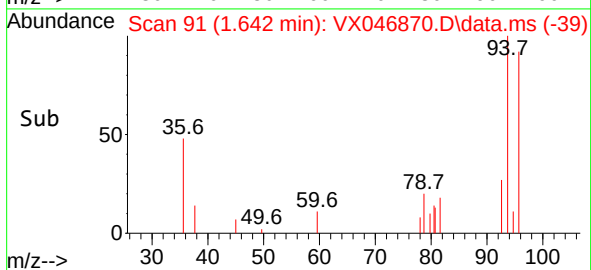
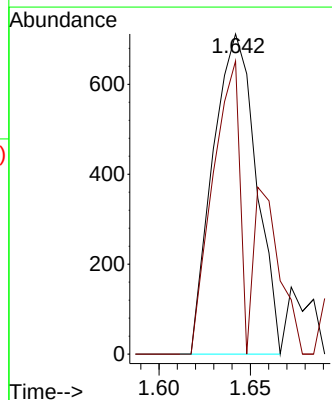
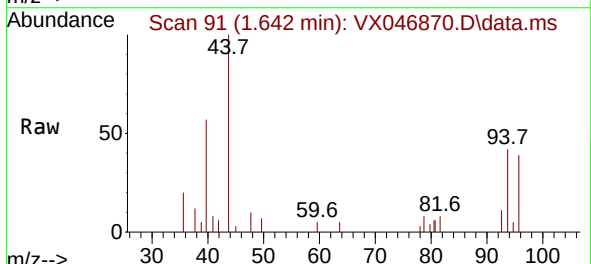
Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

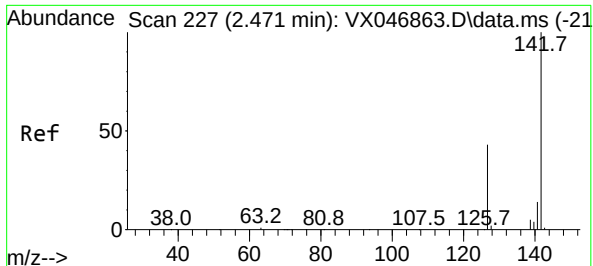
Tgt Ion:168 Resp: 347322
Ion Ratio Lower Upper
168 100
99 57.7 48.8 73.2



#5
Bromomethane
Concen: 0.462 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

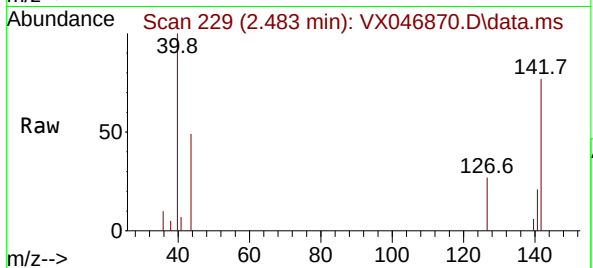
Tgt Ion: 94 Resp: 1173
Ion Ratio Lower Upper
94 100
96 91.6 75.5 113.3



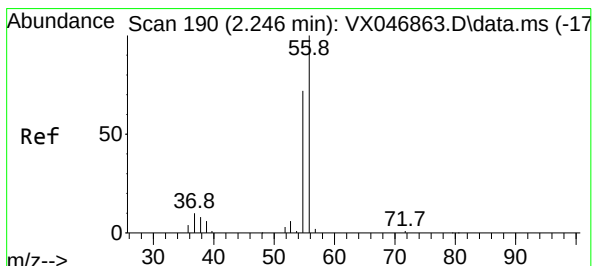
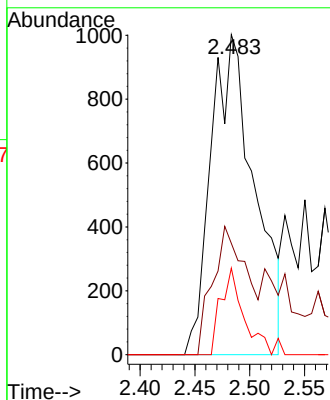
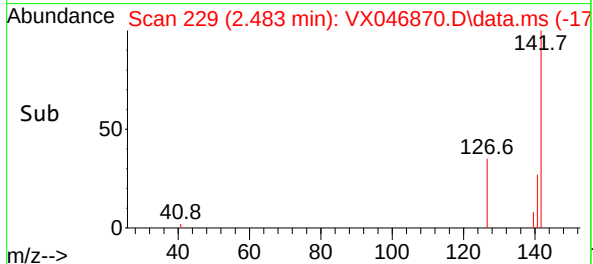


#10
Methyl Iodide
Concen: 0.652 ug/l
RT: 2.483 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

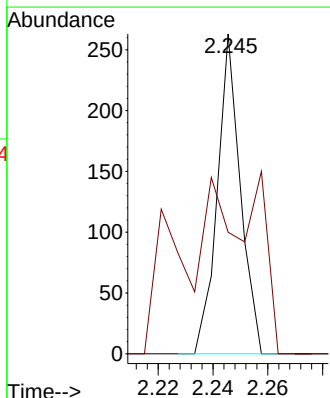
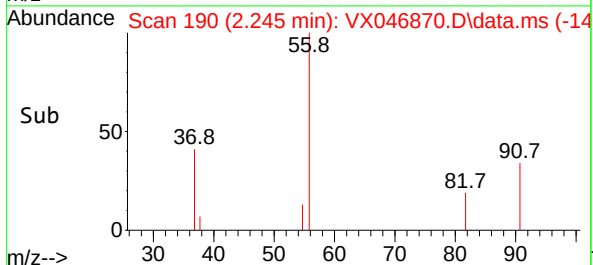
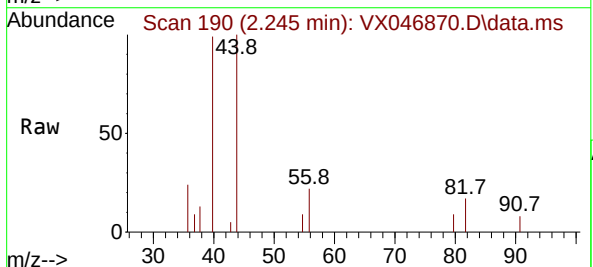


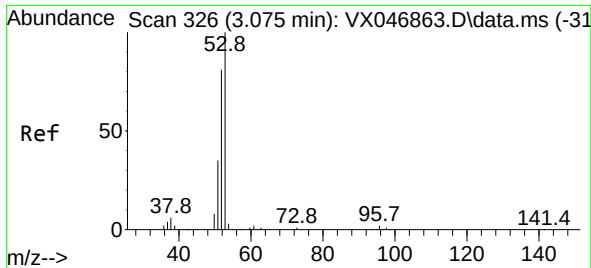
Tgt Ion:142 Resp: 2764
Ion Ratio Lower Upper
142 100
127 31.7 34.9 52.3#
141 14.9 11.1 16.7



#13
Acrolein
Concen: 3.290 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 177.1 55.5 83.3#

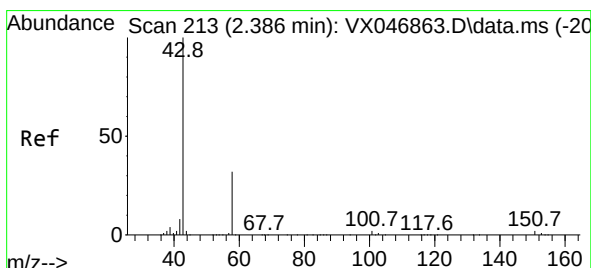
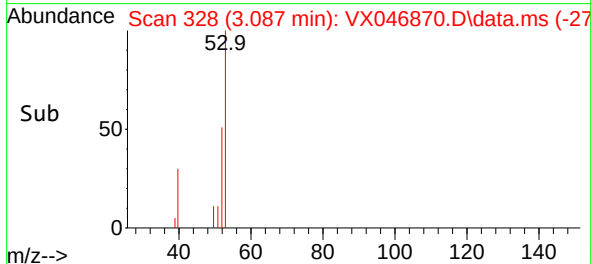
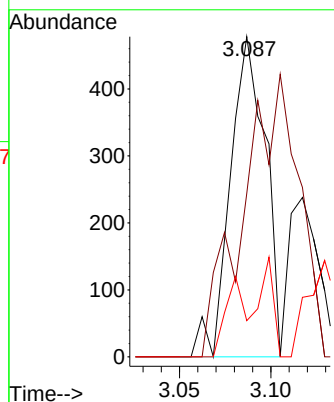
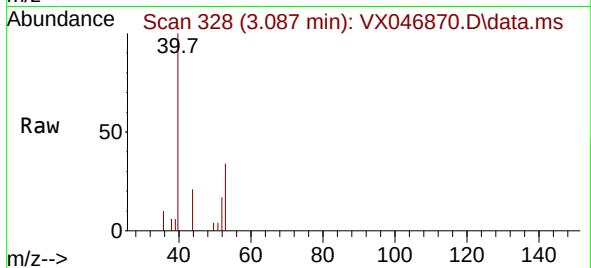




#15
Acrylonitrile
Concen: 0.367 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

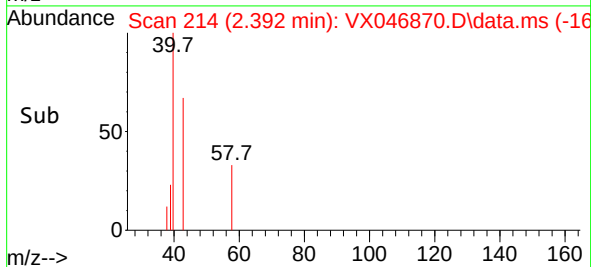
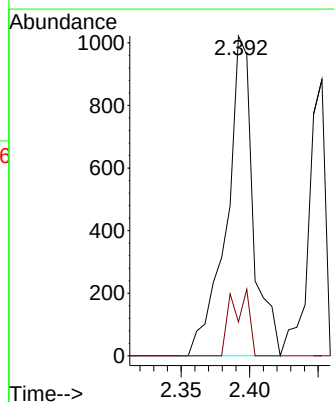
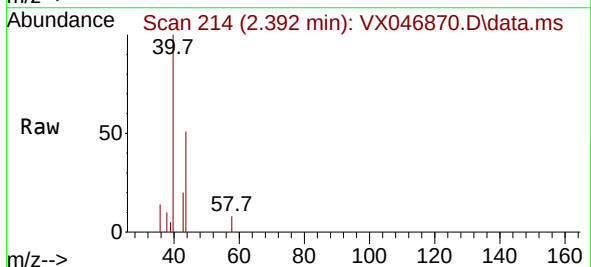
Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

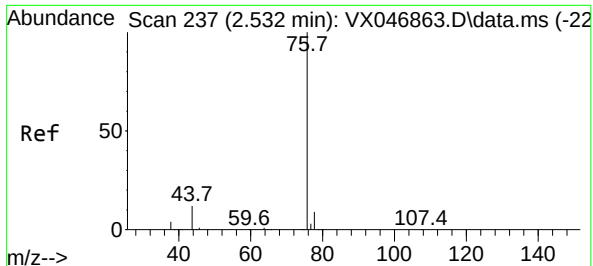
Tgt Ion: 53 Resp: 639
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 13.8 28.6 43.0#



#16
Acetone
Concen: 0.969 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion: 43 Resp: 1381
Ion Ratio Lower Upper
43 100
58 10.6 25.8 38.6#

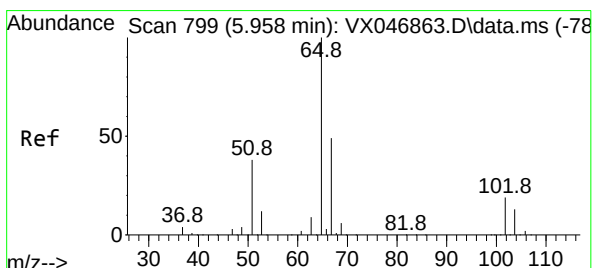
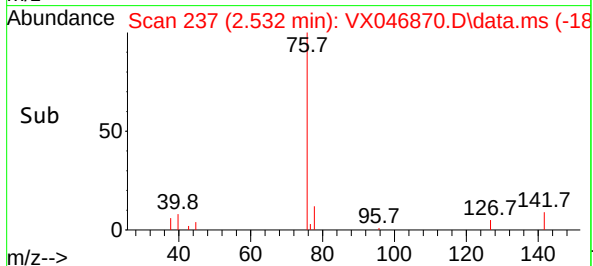
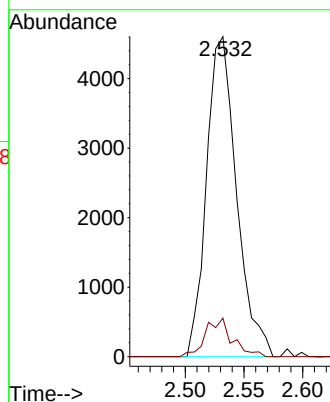
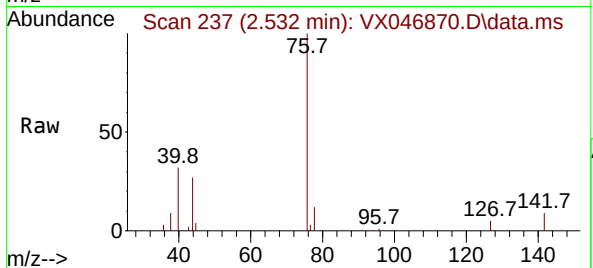




#17
Carbon Disulfide
Concen: 0.829 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

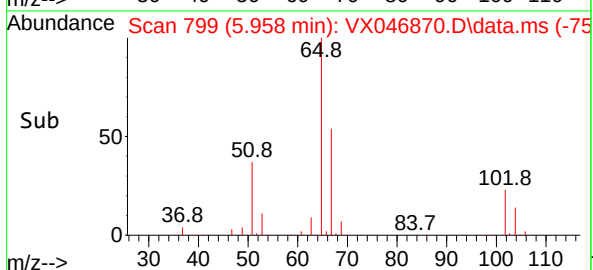
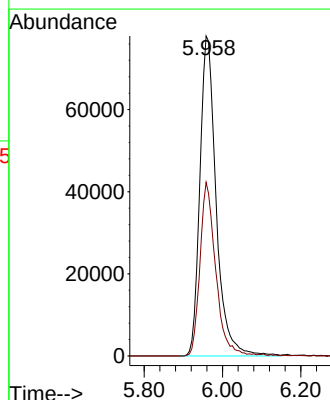
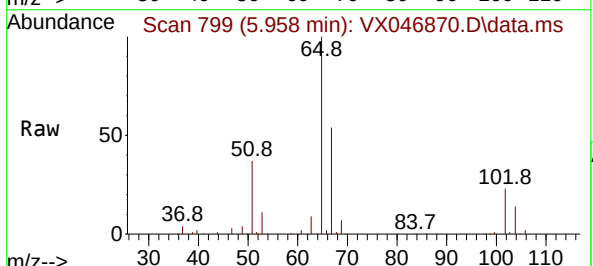
Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

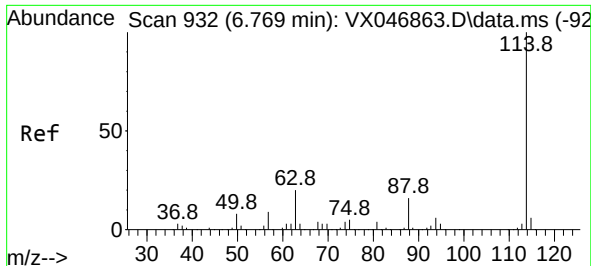
Tgt Ion: 76 Resp: 8187
Ion Ratio Lower Upper
76 100
78 11.7 7.4 11.2#



#33
1,2-Dichloroethane-d4
Concen: 49.109 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion: 65 Resp: 225335
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2

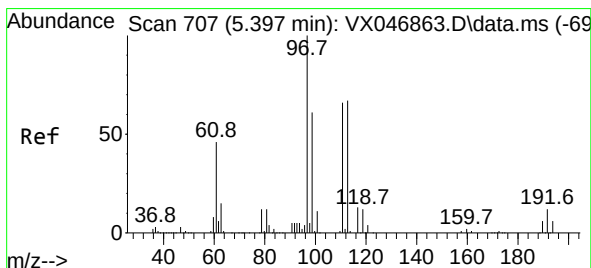
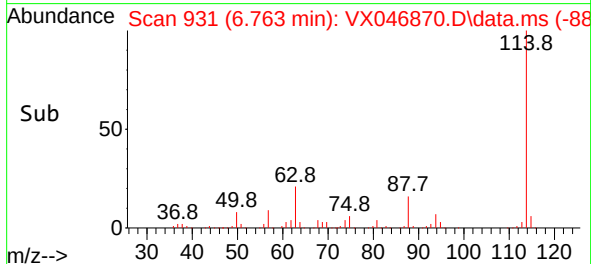
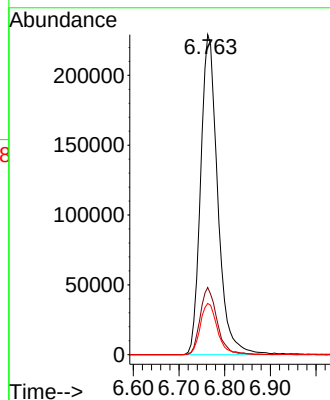
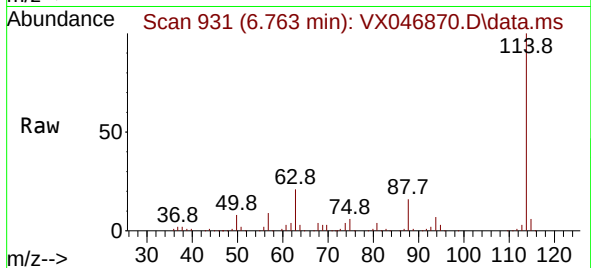




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

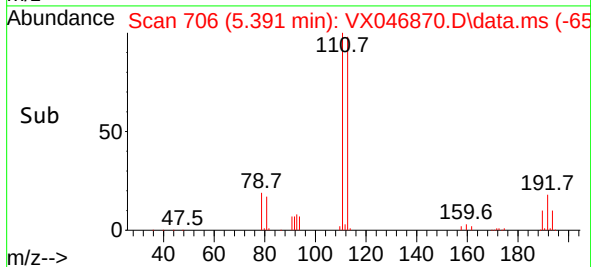
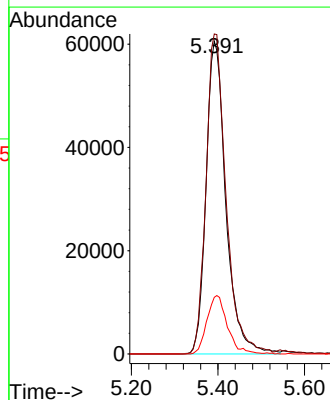
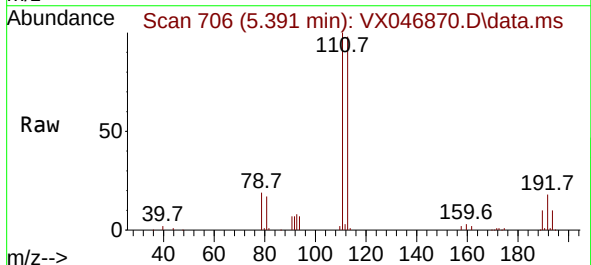
Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

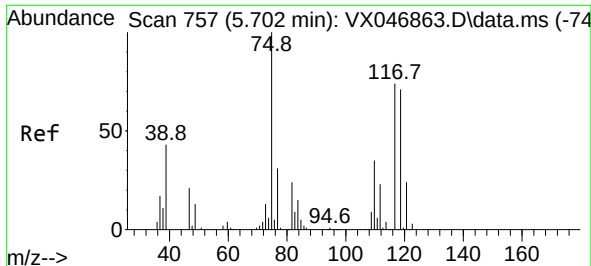
Tgt Ion:114 Resp: 593862
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 16.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.748 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion:113 Resp: 192478
Ion Ratio Lower Upper
113 100
111 103.4 81.2 121.8
192 19.2 15.3 22.9





#36

1,1-Dichloropropene

Concen: 5.071 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX046870.D

Acq: 03 Jul 2025 08:42

Instrument :

MSVOA_X

ClientSampleId :

VX0703MBL01

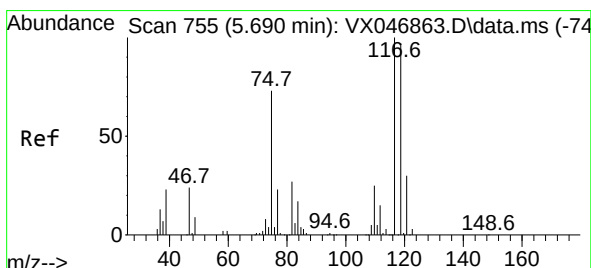
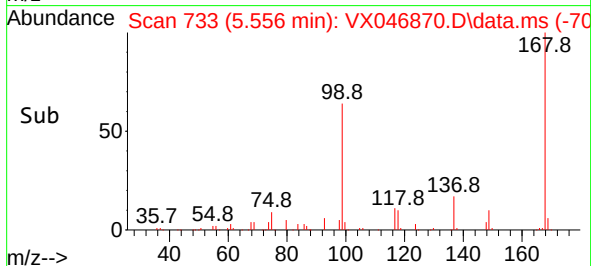
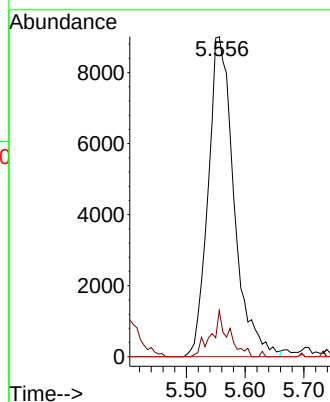
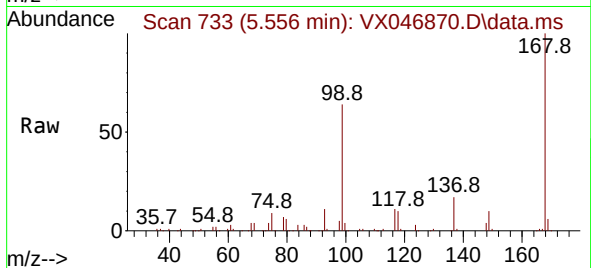
Tgt Ion: 75 Resp: 27582

Ion Ratio Lower Upper

75 100

110 9.7 17.3 51.9#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 6.240 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX046870.D

Acq: 03 Jul 2025 08:42

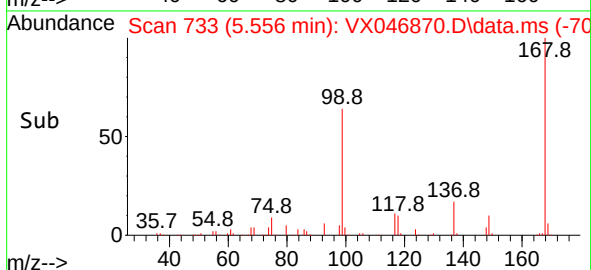
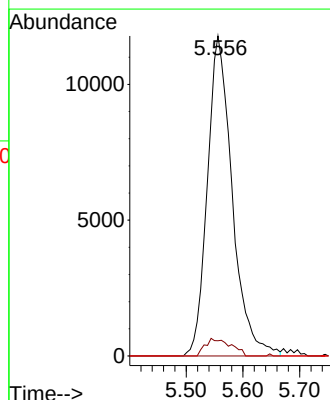
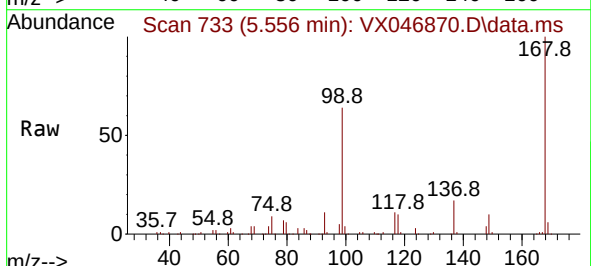
Tgt Ion: 117 Resp: 35882

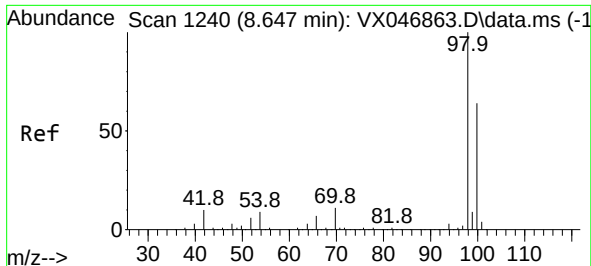
Ion Ratio Lower Upper

117 100

119 4.7 76.6 114.8#

121 0.0 24.1 36.1#

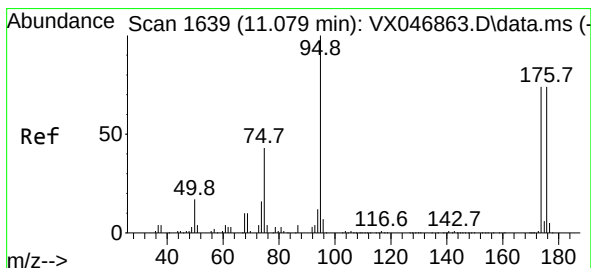
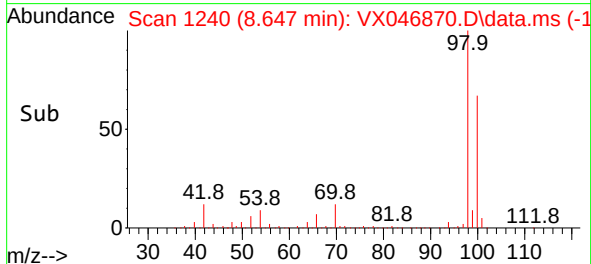
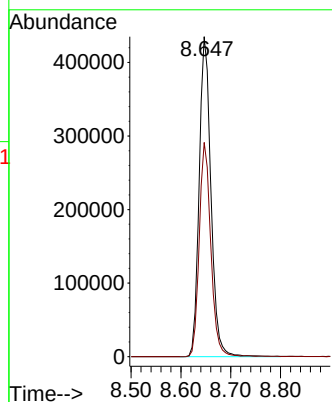
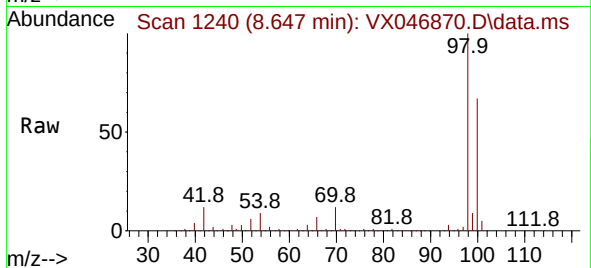




#50
Toluene-d8
Concen: 49.992 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

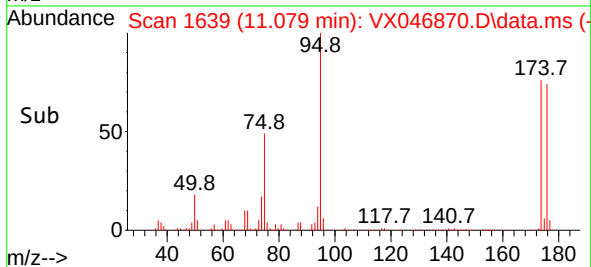
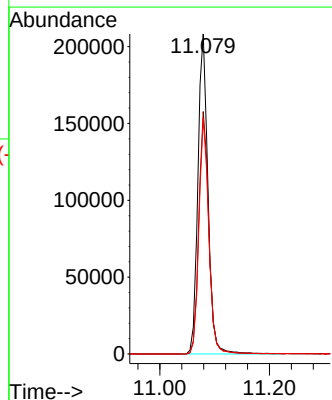
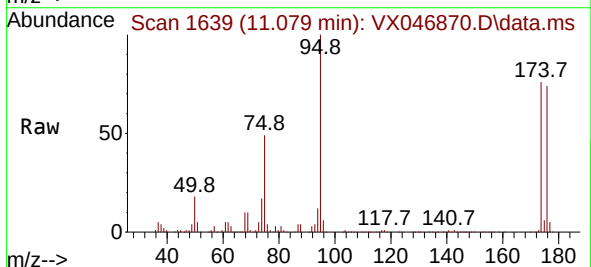
Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

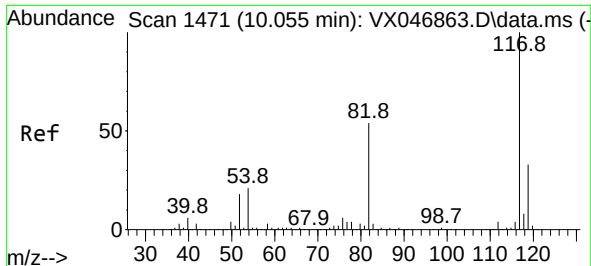
Tgt Ion: 98 Resp: 711018
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion: 95 Resp: 266944
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.0
176 72.1 0.0 145.2

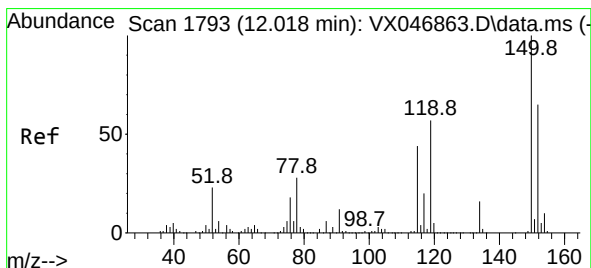
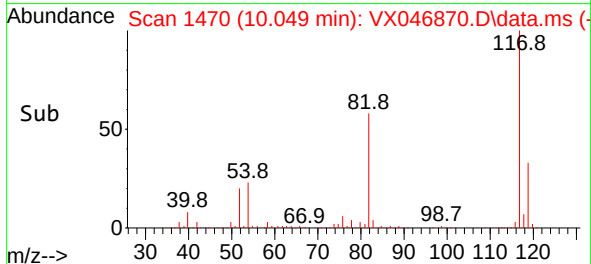
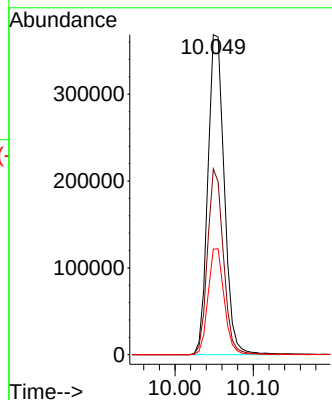
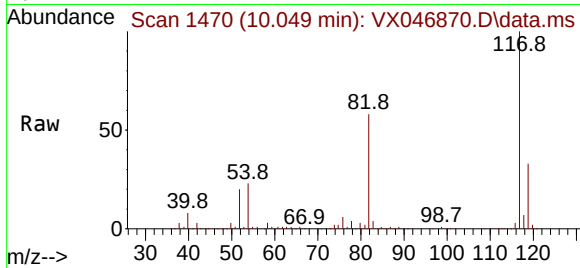




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

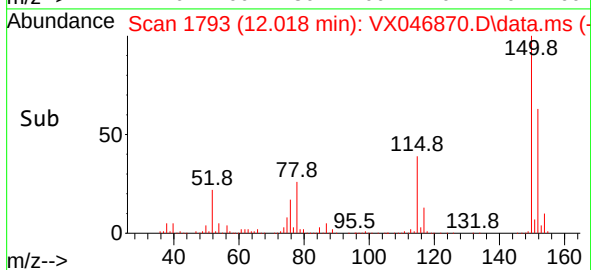
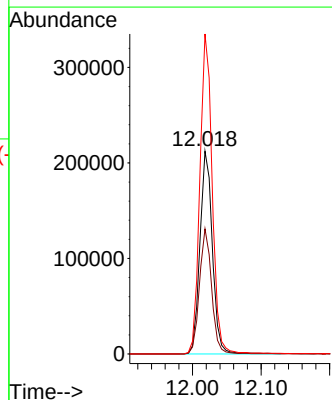
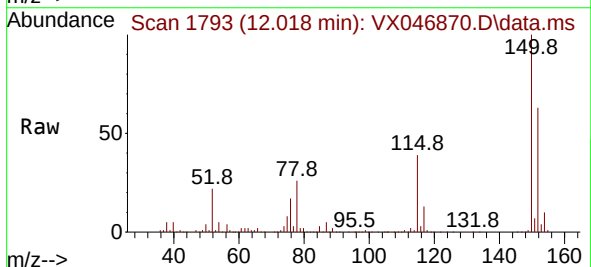
Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

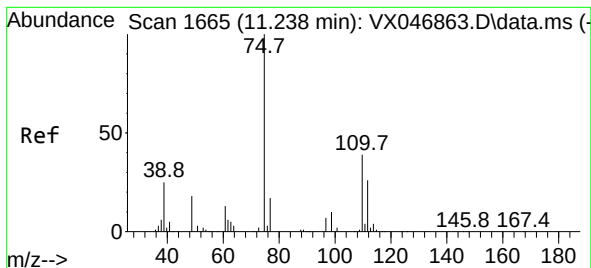
Tgt Ion:117 Resp: 536305
Ion Ratio Lower Upper
117 100
82 58.1 43.3 64.9
119 33.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion:152 Resp: 269022
Ion Ratio Lower Upper
152 100
115 60.3 42.4 127.1
150 157.0 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 31.969 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046870.D

Acq: 03 Jul 2025 08:42

Instrument :

MSVOA_X

ClientSampleId :

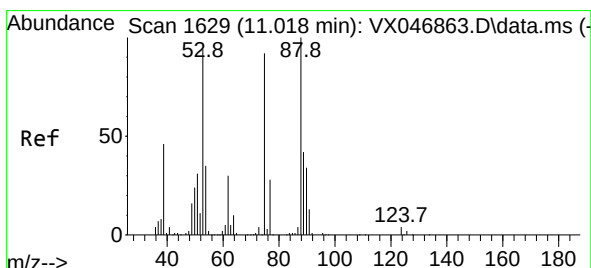
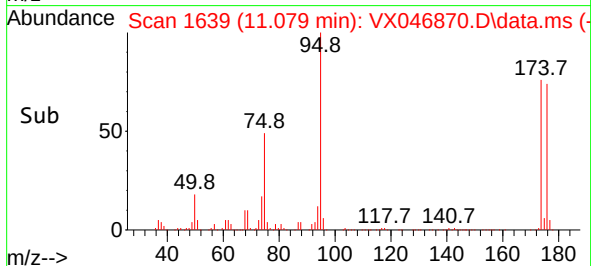
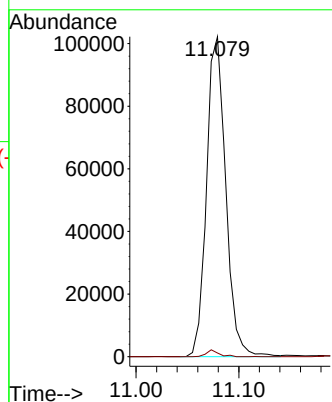
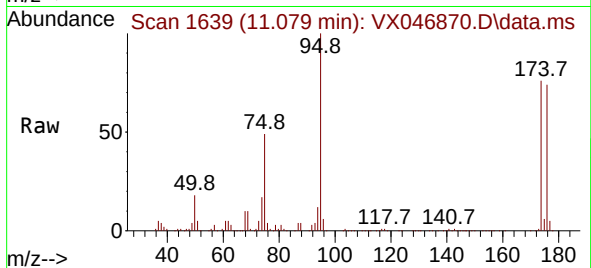
VX0703MBL01

Tgt Ion: 75 Resp: 132889

Ion Ratio Lower Upper

75 100

77 1.4 20.6 61.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.790 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046870.D

Acq: 03 Jul 2025 08:42

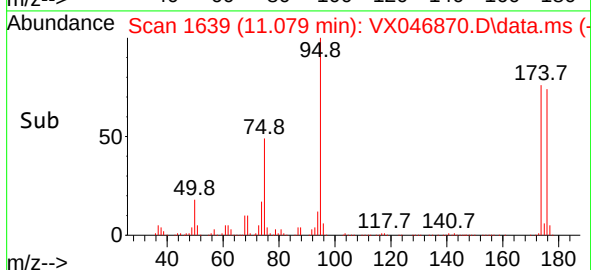
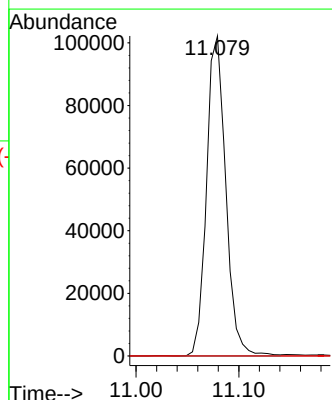
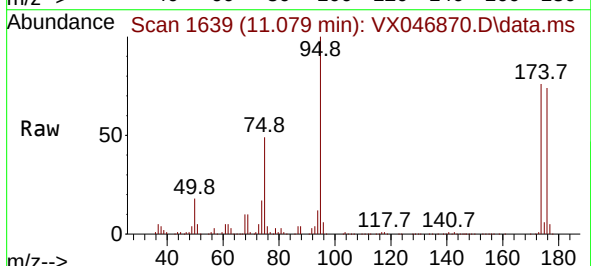
Tgt Ion: 75 Resp: 132889

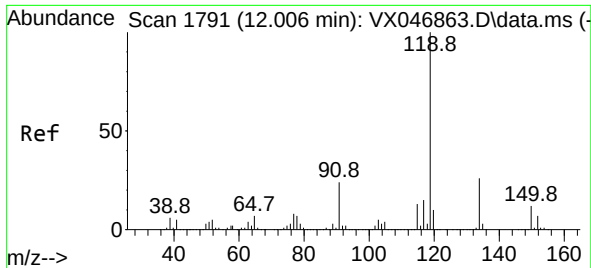
Ion Ratio Lower Upper

75 100

53 0.0 83.7 125.5#

89 0.0 38.2 57.2#

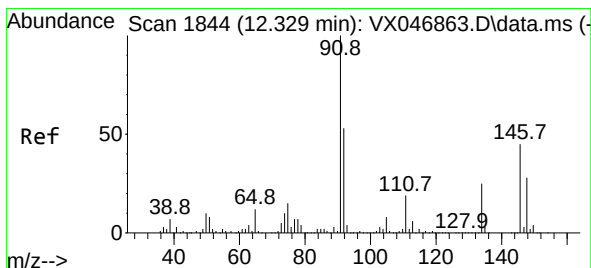
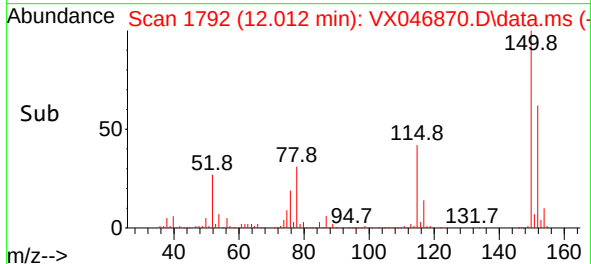
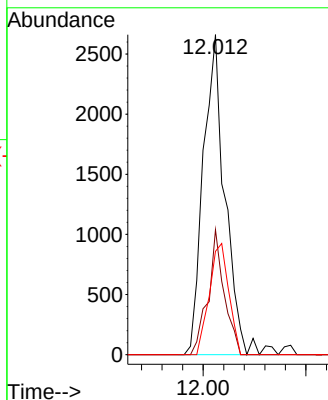
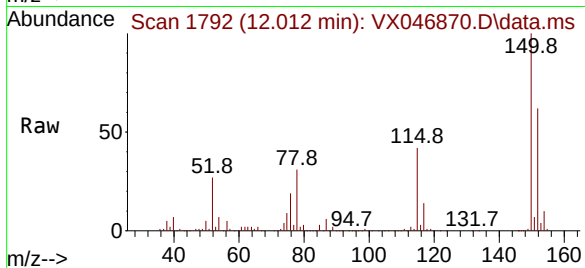




#86
p-Isopropyltoluene
Concen: 0.235 ug/l
RT: 12.012 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

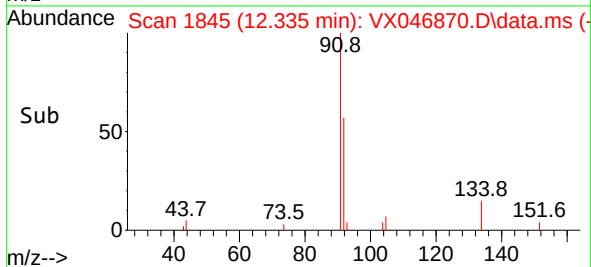
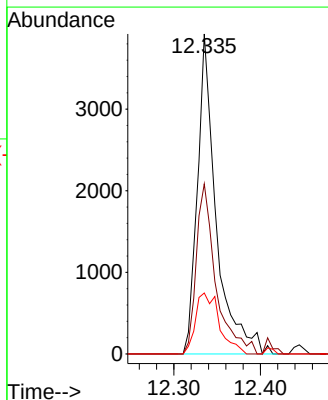
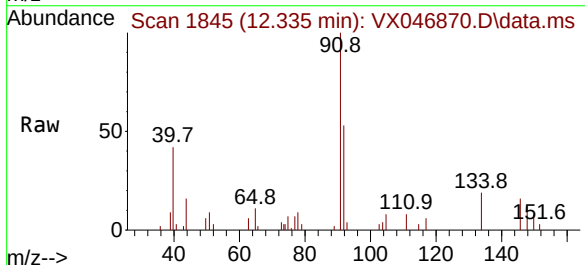
Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

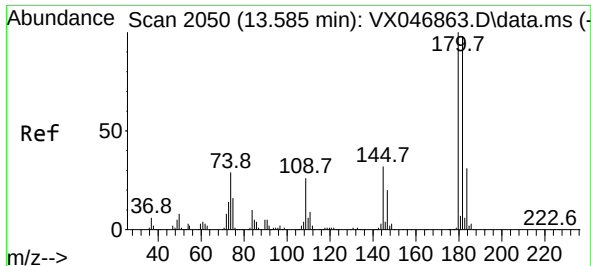
Tgt Ion:119 Resp: 3941
Ion Ratio Lower Upper
119 100
134 29.0 13.0 39.0
91 30.9 12.0 36.1



#89
n-Butylbenzene
Concen: 0.376 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion: 91 Resp: 5920
Ion Ratio Lower Upper
91 100
92 55.1 27.0 81.0
134 24.2 12.8 38.4

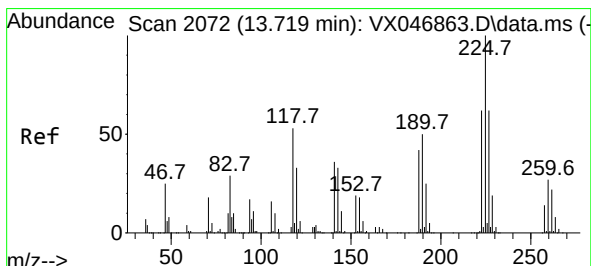
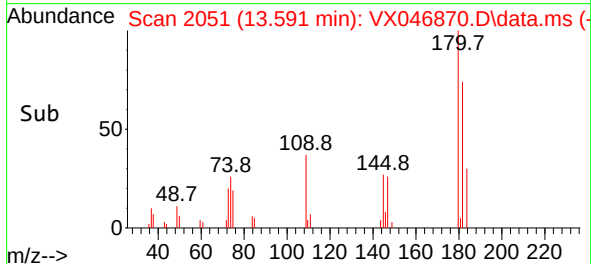
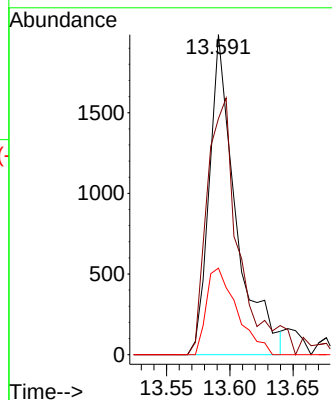
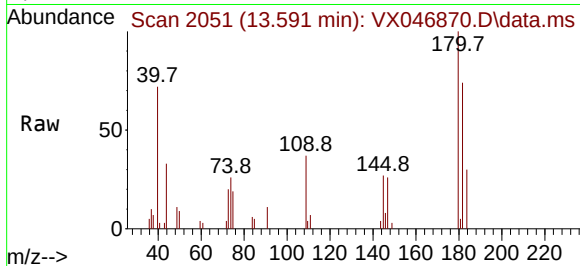




#93
1,2,4-Trichlorobenzene
Concen: 0.502 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

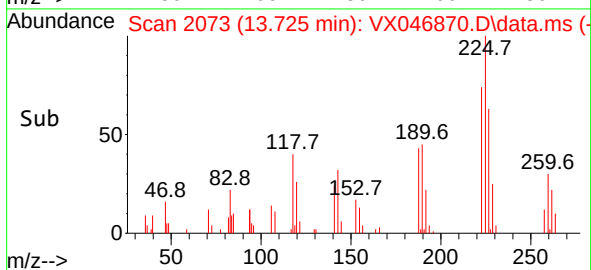
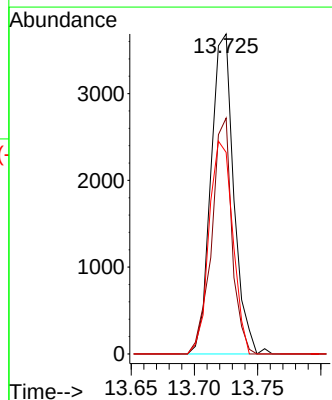
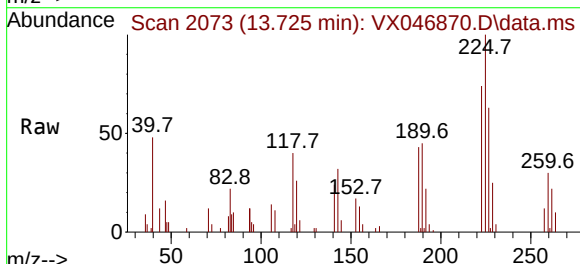
Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

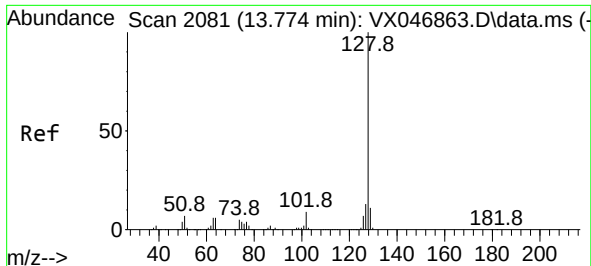
Tgt Ion:180 Resp: 2911
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 30.9 16.1 48.2



#94
Hexachlorobutadiene
Concen: 2.116 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion:225 Resp: 4628
Ion Ratio Lower Upper
225 100
223 65.4 31.6 94.7
227 68.8 31.6 94.7

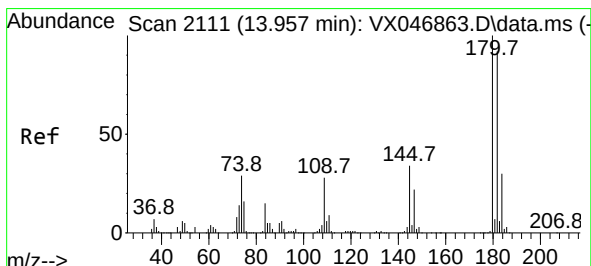
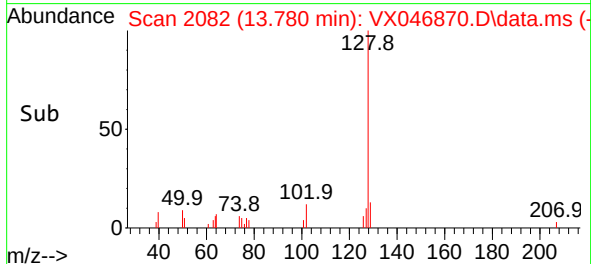
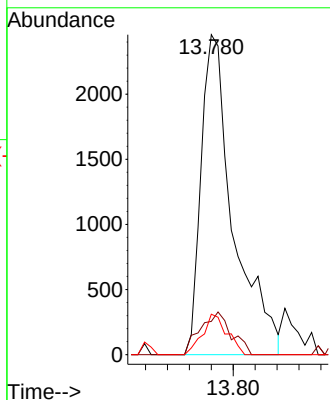
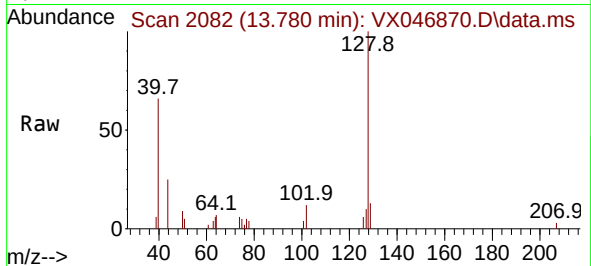




#95
Naphthalene
Concen: 0.328 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Instrument :
MSVOA_X
ClientSampleId :
VX0703MBL01

Tgt Ion:	128	Resp:	5011
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	9.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.533 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046870.D
Acq: 03 Jul 2025 08:42

Tgt Ion:	180	Resp:	2923
Ion Ratio	Lower	Upper	
180	100		
182	87.3	46.7	140.1
145	29.8	16.8	50.3

