

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046872.D
 Acq On : 03 Jul 2025 09:35
 Operator : JC/MD
 Sample : Q2458-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-06272025

Quant Time: Jul 04 01:26:34 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)

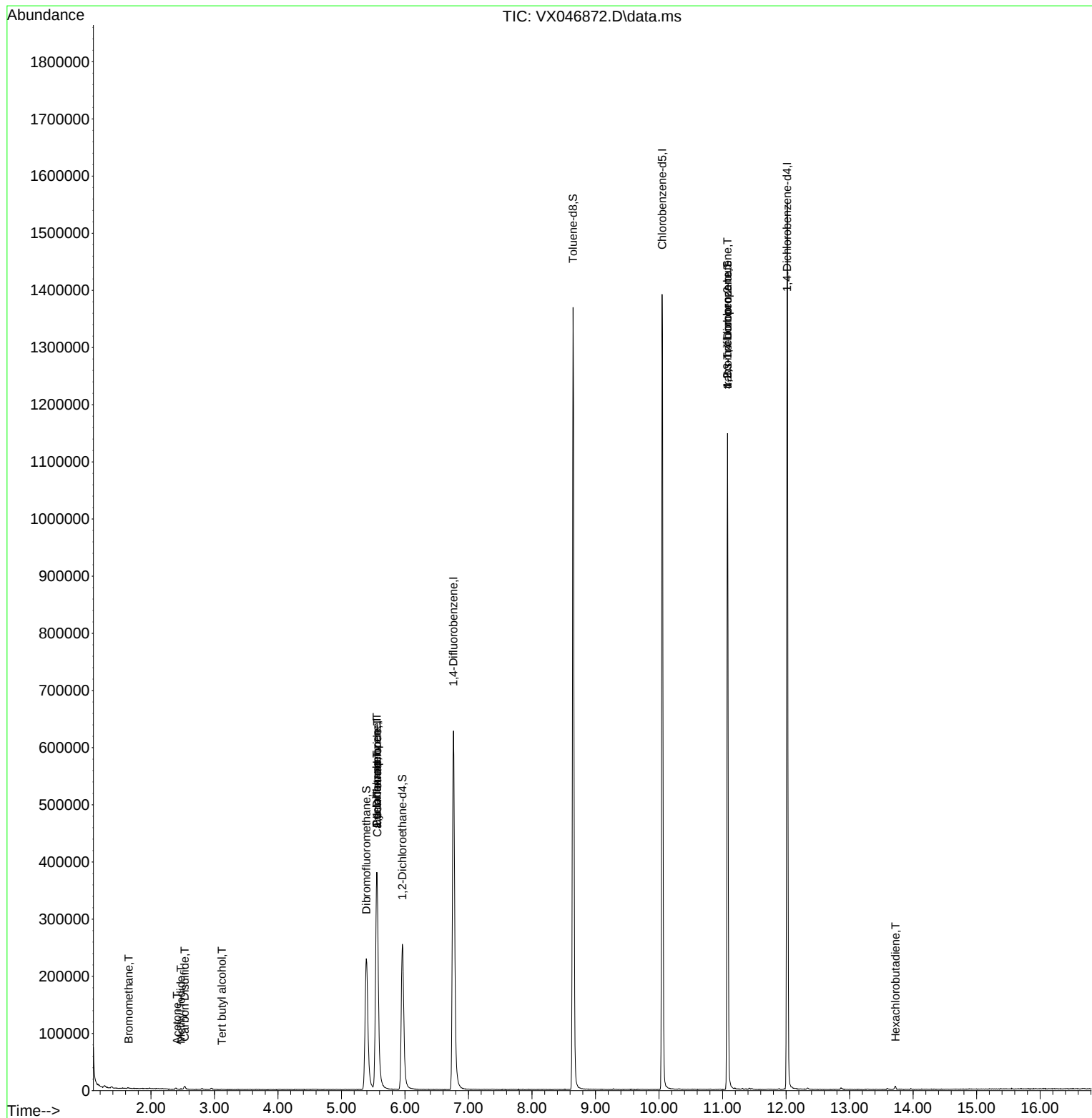
Internal Standards						
1) Pentafluorobenzene	5.556	168	397171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	689071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	628783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	317895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	265228	50.548	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.100%
35) Dibromofluoromethane	5.391	113	223276	47.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.460%
50) Toluene-d8	8.647	98	821236	49.763	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.520%
62) 4-Bromofluorobenzene	11.079	95	313594	49.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%
Target Compounds						
					Qvalue	
5) Bromomethane	1.648	94	798	0.275	ug/l #	40
10) Methyl Iodide	2.471	142	1106	0.228	ug/l #	72
11) Tert butyl alcohol	3.117	59	87	0.253	ug/l #	72
16) Acetone	2.410	43	2705	1.660	ug/l	94
17) Carbon Disulfide	2.532	76	6493	0.575	ug/l	97
31) Cyclohexane	5.556	56	7817	1.042	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	32590	5.164	ug/l #	50
38) Carbon Tetrachloride	5.562	117	39759	5.959	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	159260	32.423	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	159260	87.007	ug/l #	8
94) Hexachlorobutadiene	13.725	225	809	0.313	ug/l	88

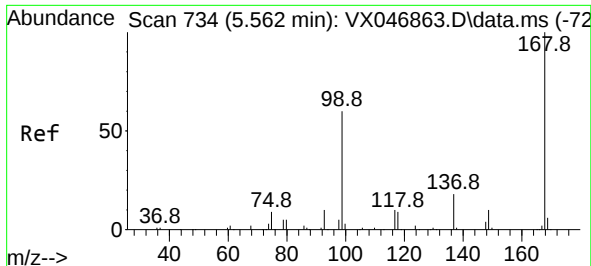
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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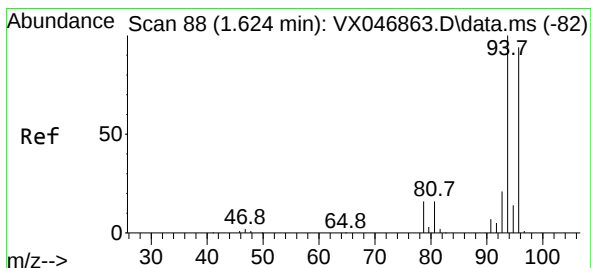
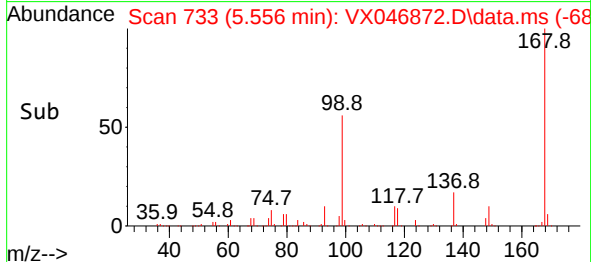
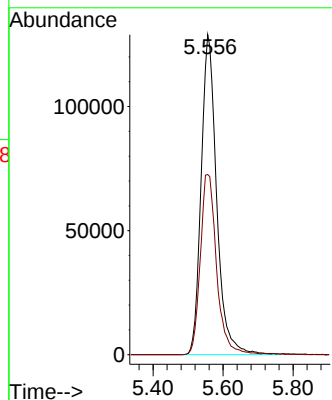
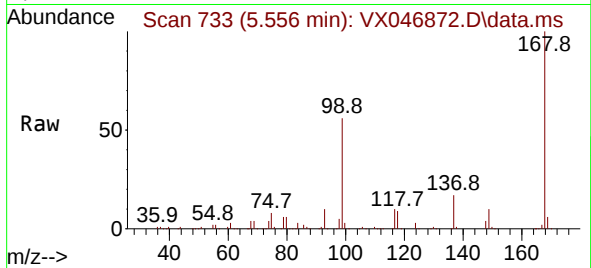




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

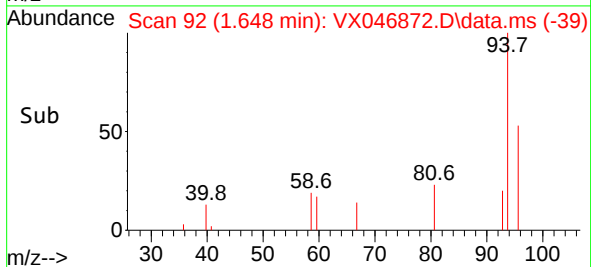
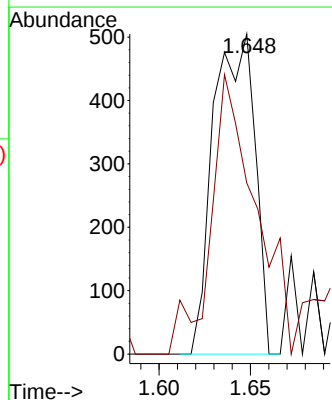
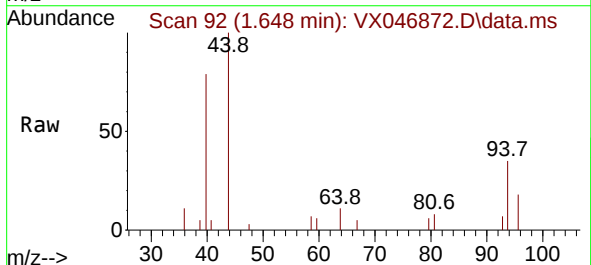
Instrument :
MSVOA_X
ClientSampleId :
FB-06272025

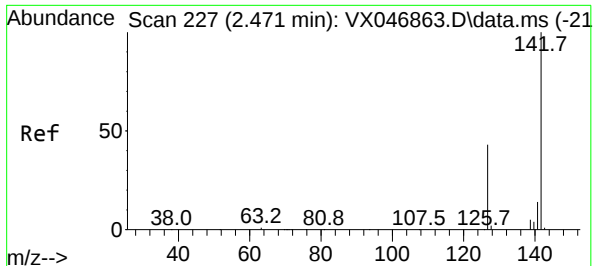
Tgt Ion:168 Resp: 397171
Ion Ratio Lower Upper
168 100
99 56.3 48.8 73.2



#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.648 min Scan# 92
Delta R.T. 0.024 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

Tgt Ion: 94 Resp: 798
Ion Ratio Lower Upper
94 100
96 36.6 75.5 113.3#

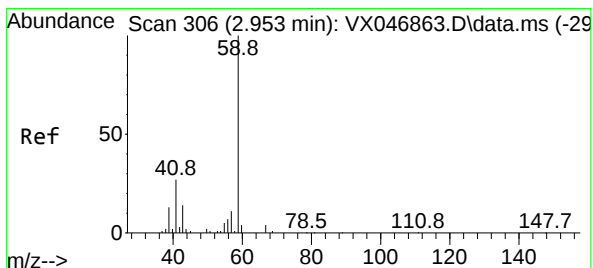
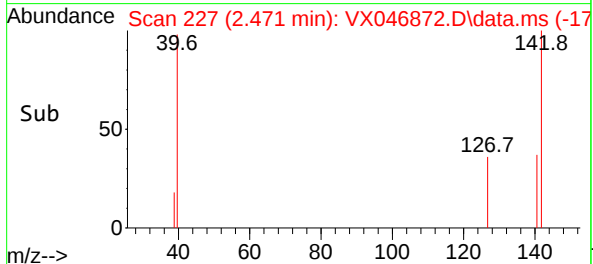
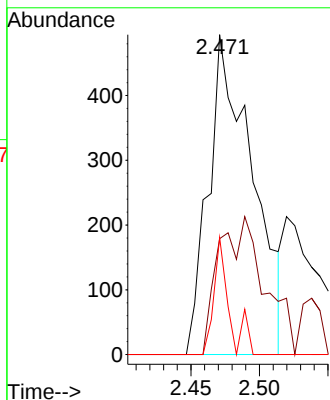
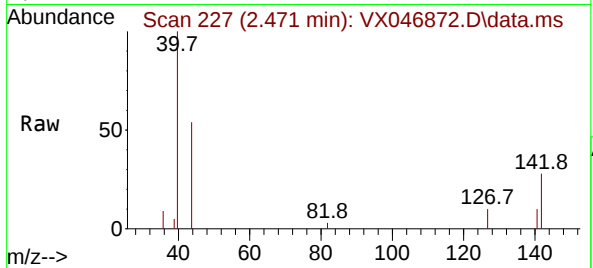




#10
Methyl Iodide
Concen: 0.228 ug/l
RT: 2.471 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

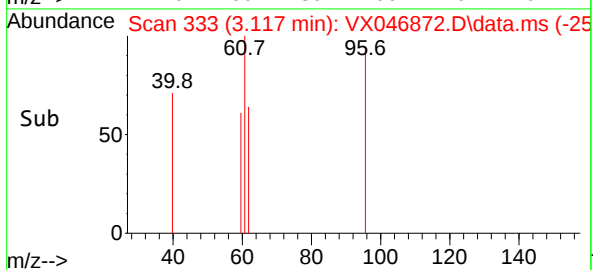
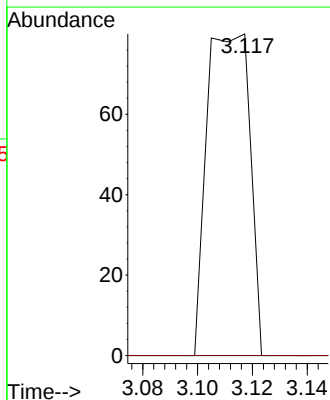
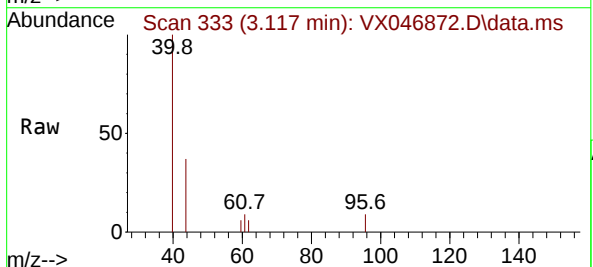
Instrument :
MSVOA_X
ClientSampleId :
FB-06272025

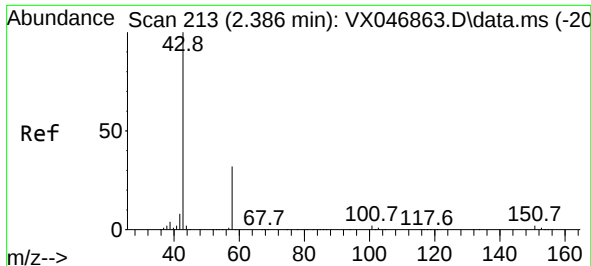
Tgt Ion:142 Resp: 1106
Ion Ratio Lower Upper
142 100
127 20.3 34.9 52.3#
141 12.6 11.1 16.7



#11
Tert butyl alcohol
Concen: 0.253 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.164 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

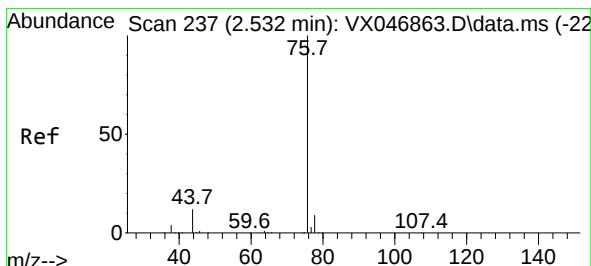
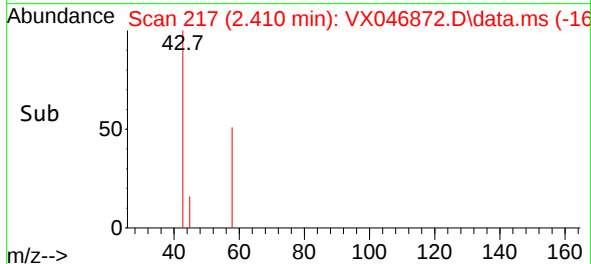
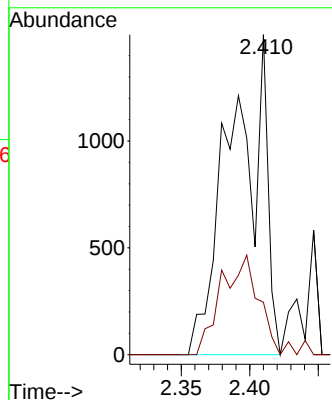
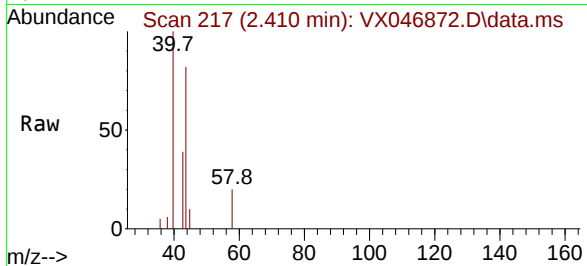




#16
Acetone
Concen: 1.660 ug/l
RT: 2.410 min Scan# 213
Delta R.T. 0.024 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

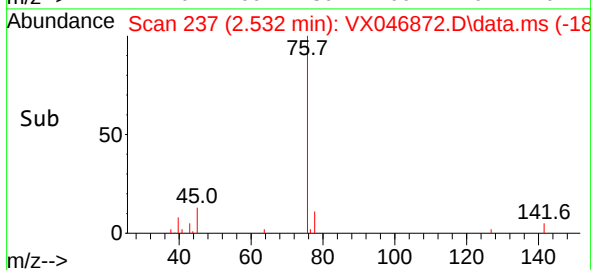
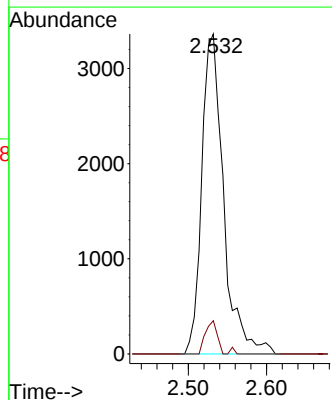
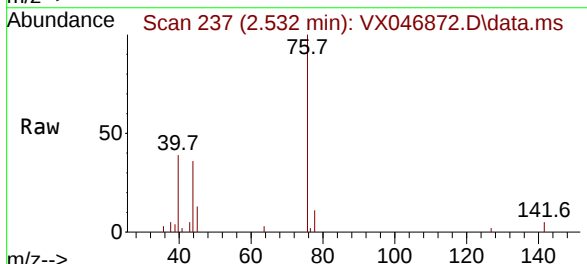
Instrument :
MSVOA_X
ClientSampleId :
FB-06272025

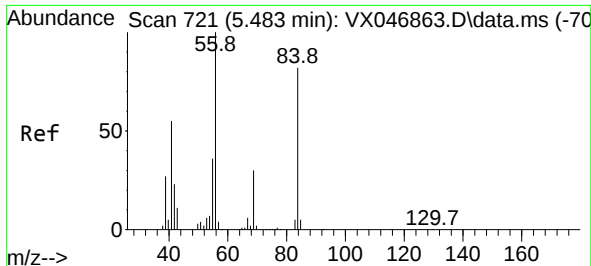
Tgt Ion: 43 Resp: 2705
Ion Ratio Lower Upper
43 100
58 28.6 25.8 38.6



#17
Carbon Disulfide
Concen: 0.575 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

Tgt Ion: 76 Resp: 6493
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2

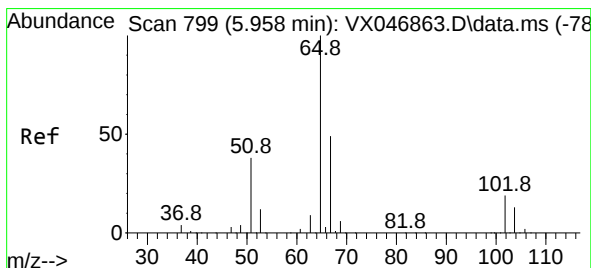
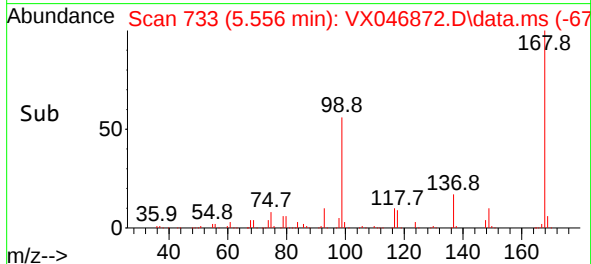
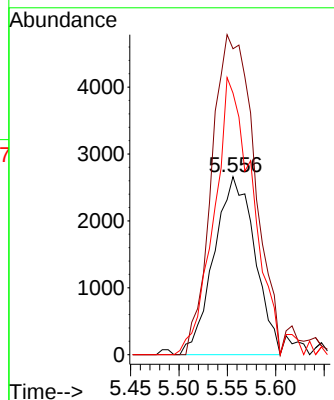
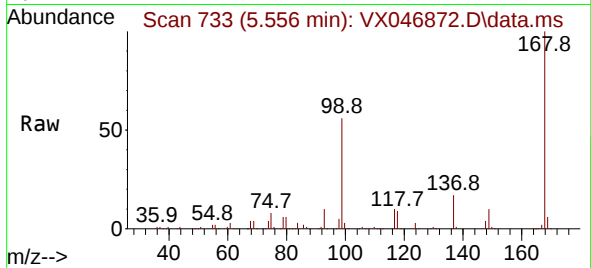




#31
Cyclohexane
Concen: 1.042 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.073 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

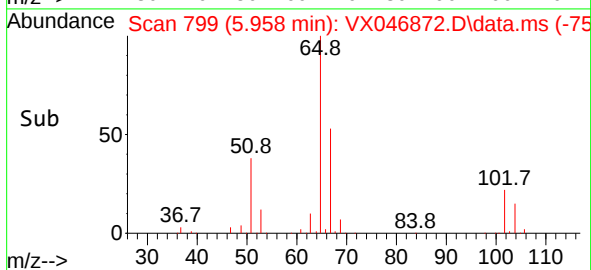
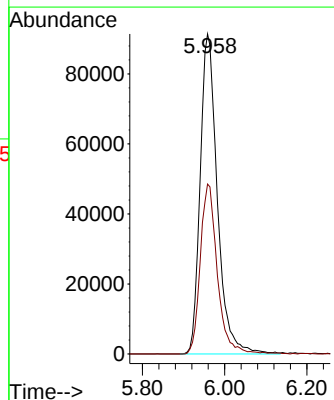
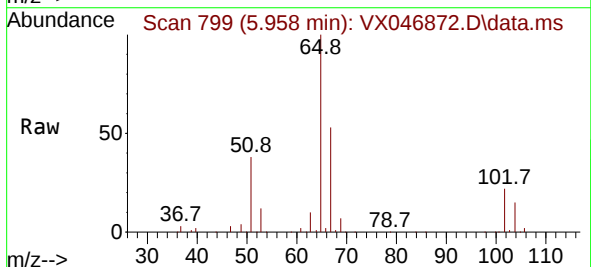
Instrument :
MSVOA_X
ClientSampleId :
FB-06272025

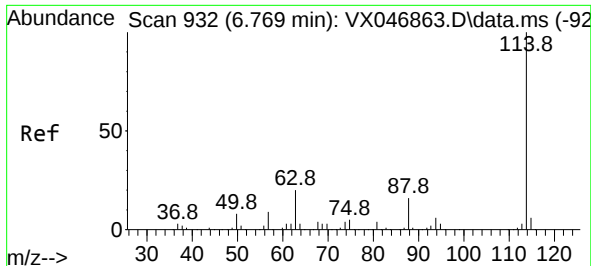
Tgt Ion: 56 Resp: 7817
Ion Ratio Lower Upper
56 100
69 172.0 24.0 36.0#
84 147.0 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 50.548 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

Tgt Ion: 65 Resp: 265228
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2

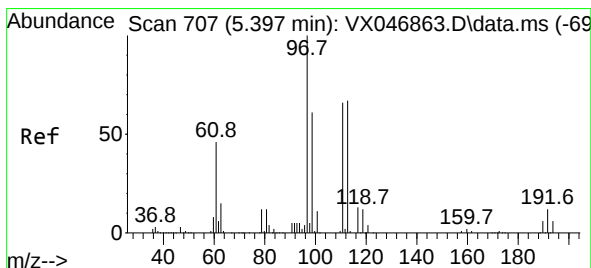
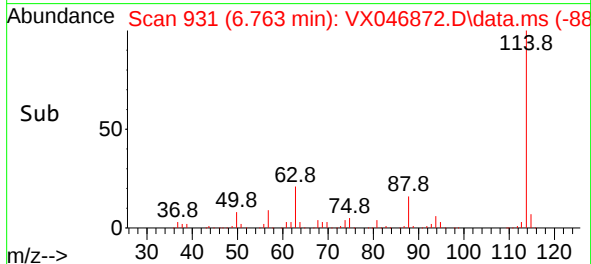
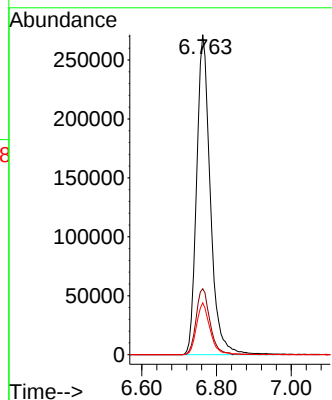
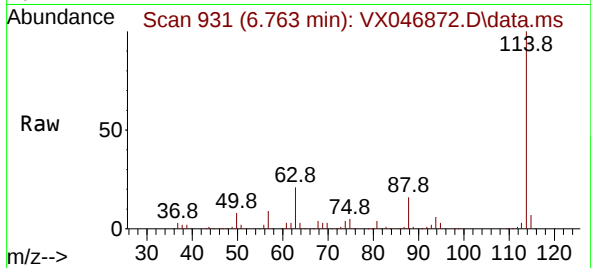




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

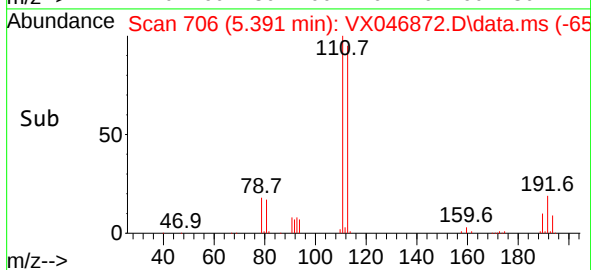
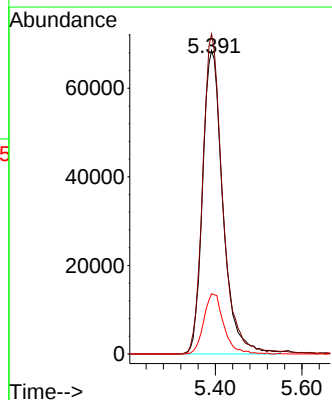
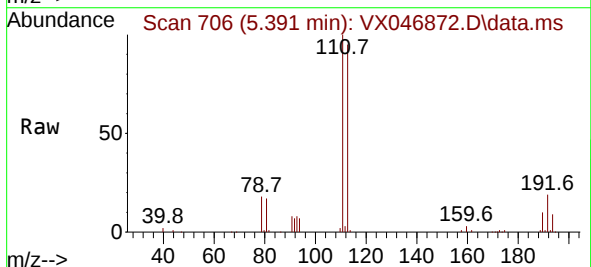
Instrument :
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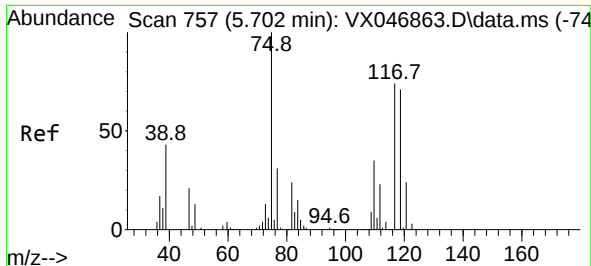
Tgt Ion:114 Resp: 689071
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.4
88 16.2 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.735 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

Tgt Ion:113 Resp: 223276
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.5 15.3 22.9

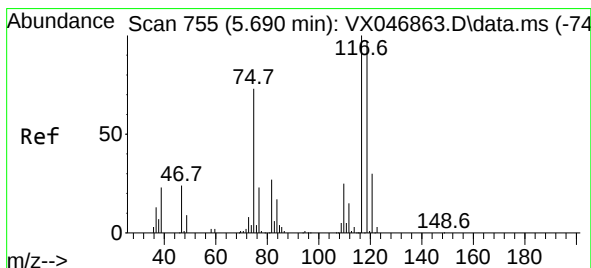
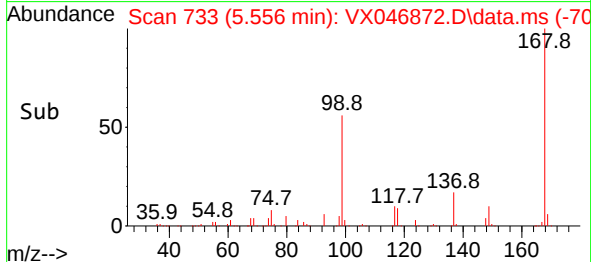
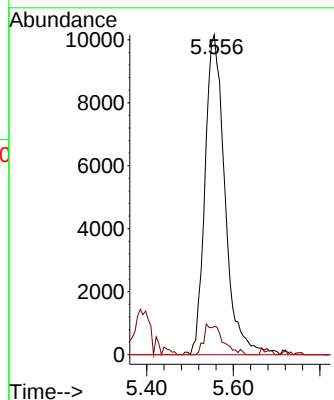
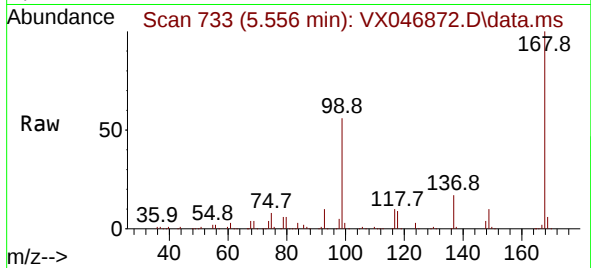




#36
1,1-Dichloropropene
Concen: 5.164 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

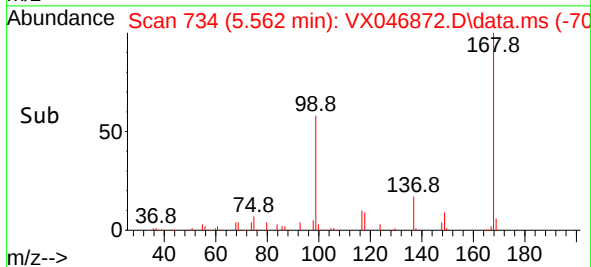
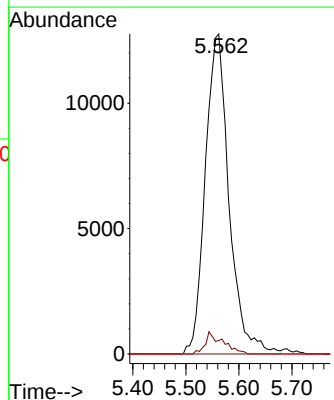
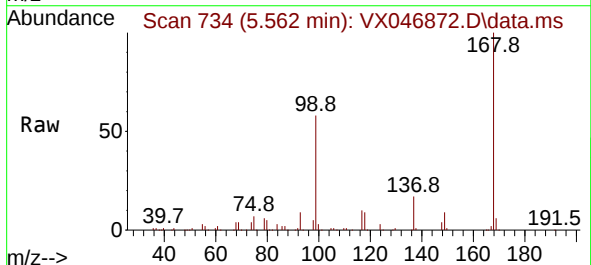
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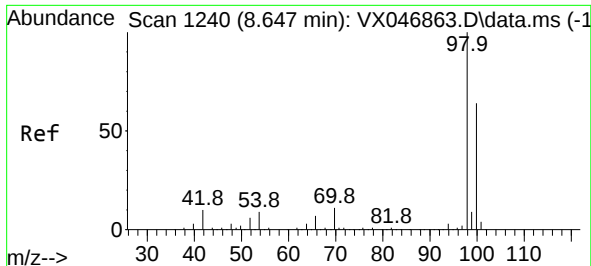
Tgt Ion: 75 Resp: 32590
Ion Ratio Lower Upper
75 100
110 8.9 17.3 51.9#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

Tgt Ion: 117 Resp: 39759
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 24.1 36.1#

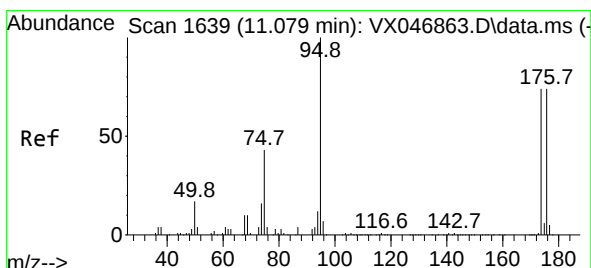
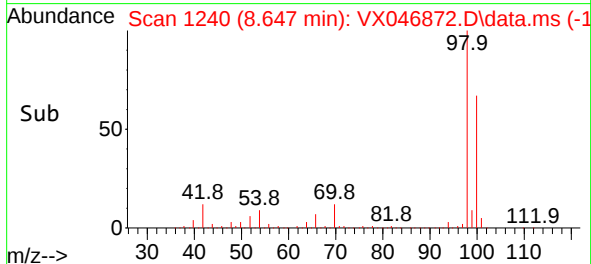
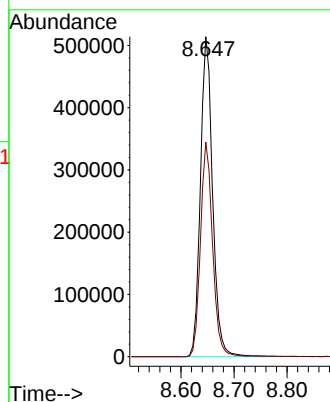
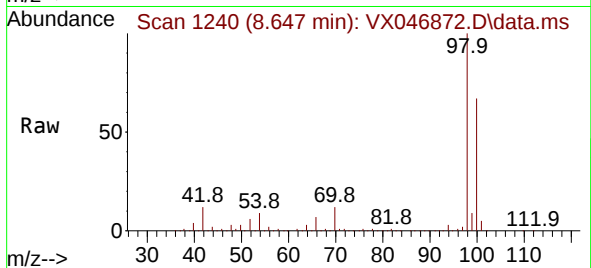




#50
Toluene-d8
Concen: 49.763 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

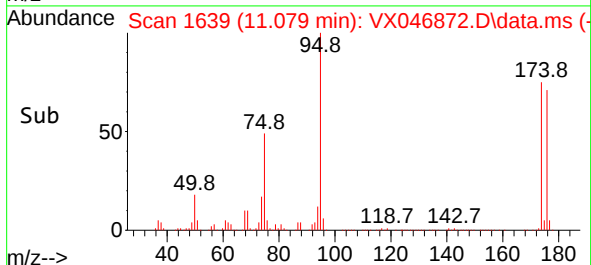
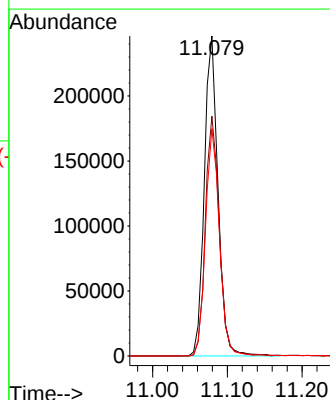
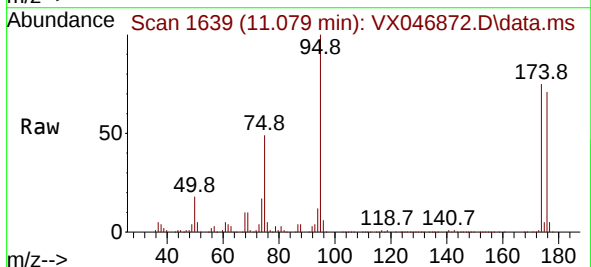
Instrument :
MSVOA_X
ClientSampleId :
FB-06272025

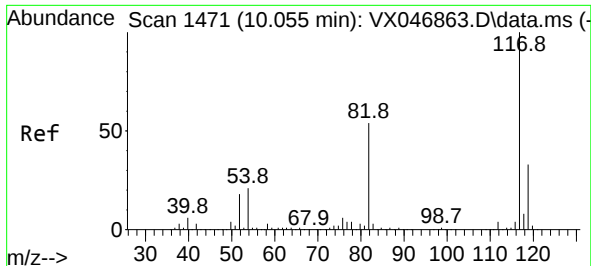
Tgt Ion: 98 Resp: 821236
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

Tgt Ion: 95 Resp: 313594
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.0
176 72.3 0.0 145.2

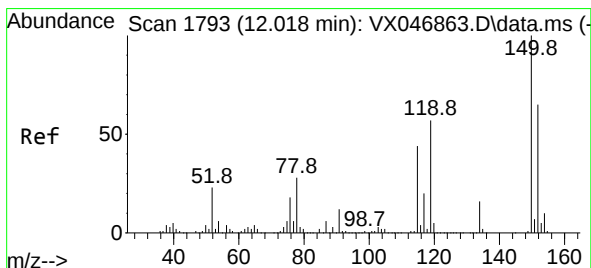
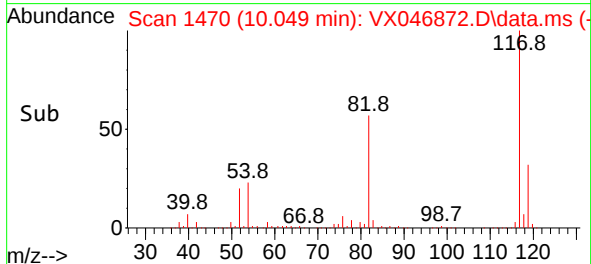
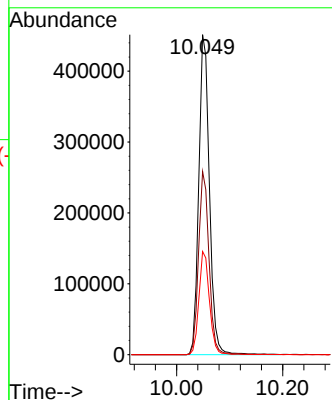
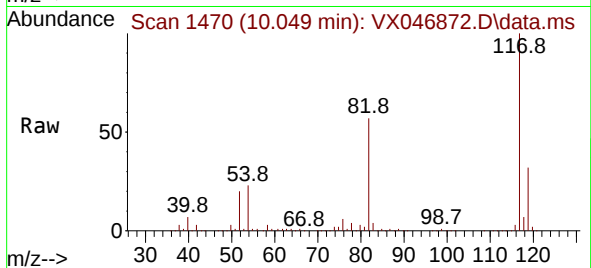




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

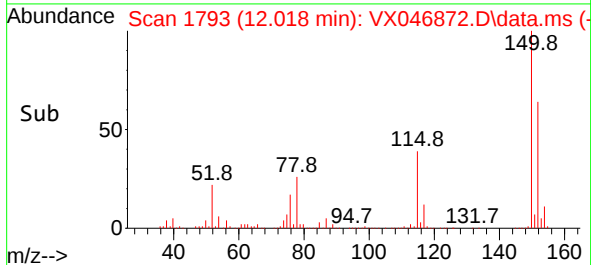
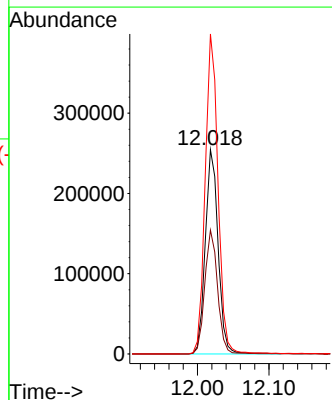
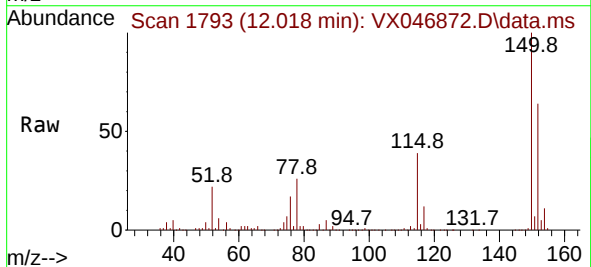
Instrument :
MSVOA_X
ClientSampleId :
FB-06272025

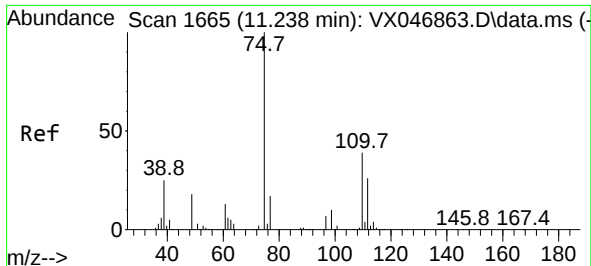
Tgt Ion:117 Resp: 628783
Ion Ratio Lower Upper
117 100
82 57.2 43.3 64.9
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

Tgt Ion:152 Resp: 317895
Ion Ratio Lower Upper
152 100
115 60.5 42.4 127.1
150 156.6 0.0 349.2

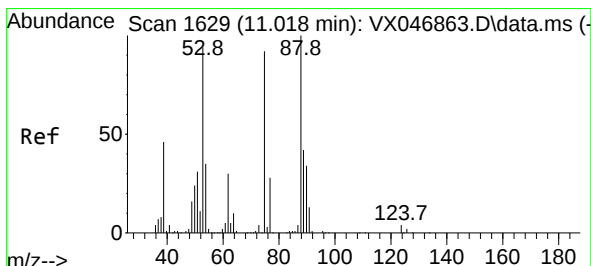
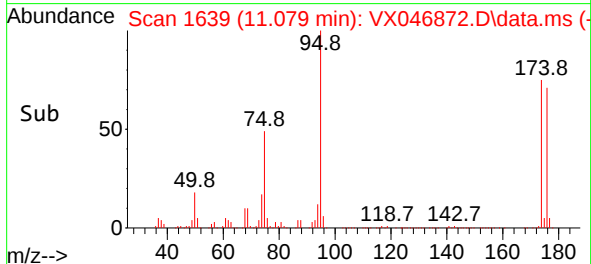
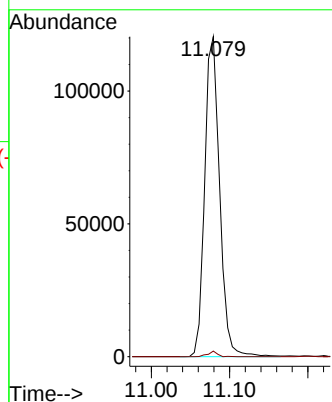
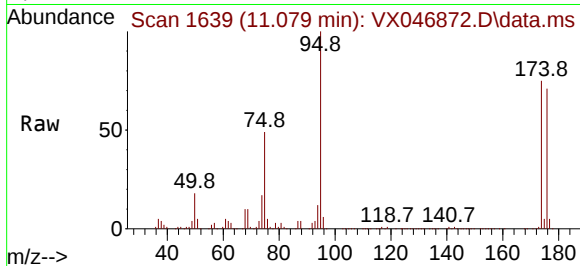




#76
1,2,3-Trichloropropane
Concen: 32.423 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

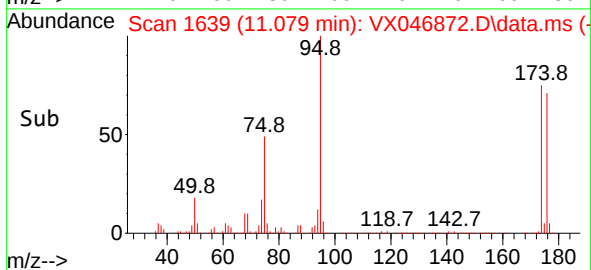
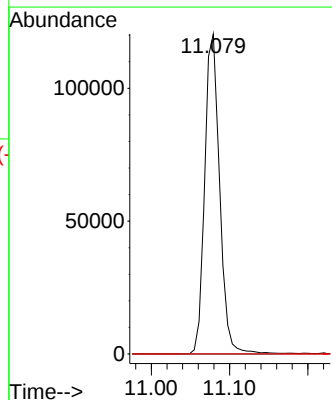
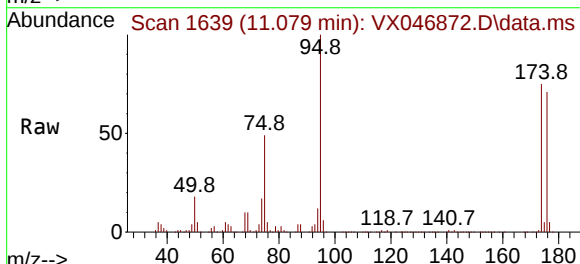
Instrument :
MSVOA_X
ClientSampleId :
FB-06272025

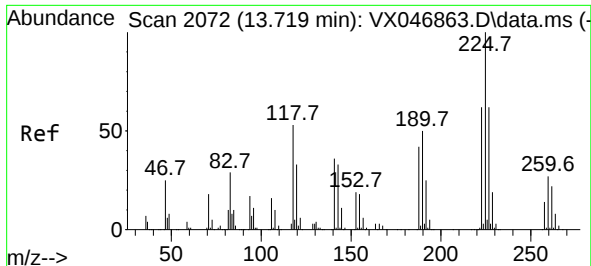
Tgt Ion: 75 Resp: 159260
Ion Ratio Lower Upper
75 100
77 1.1 20.6 61.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046872.D
Acq: 03 Jul 2025 09:35

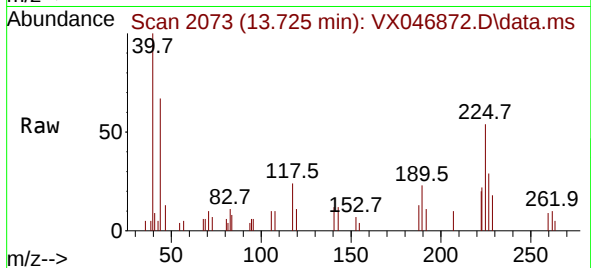
Tgt Ion: 75 Resp: 159260
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#





#94
 Hexachlorobutadiene
 Concen: 0.313 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX046872.D
 Acq: 03 Jul 2025 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-06272025



Tgt Ion:225 Resp: 809
 Ion Ratio Lower Upper
 225 100
 223 66.5 31.6 94.7
 227 48.6 31.6 94.7

