

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046871.D
 Acq On : 03 Jul 2025 09:09
 Operator : JC/MD
 Sample : VX0703WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBL01

Quant Time: Jul 04 01:26:15 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)

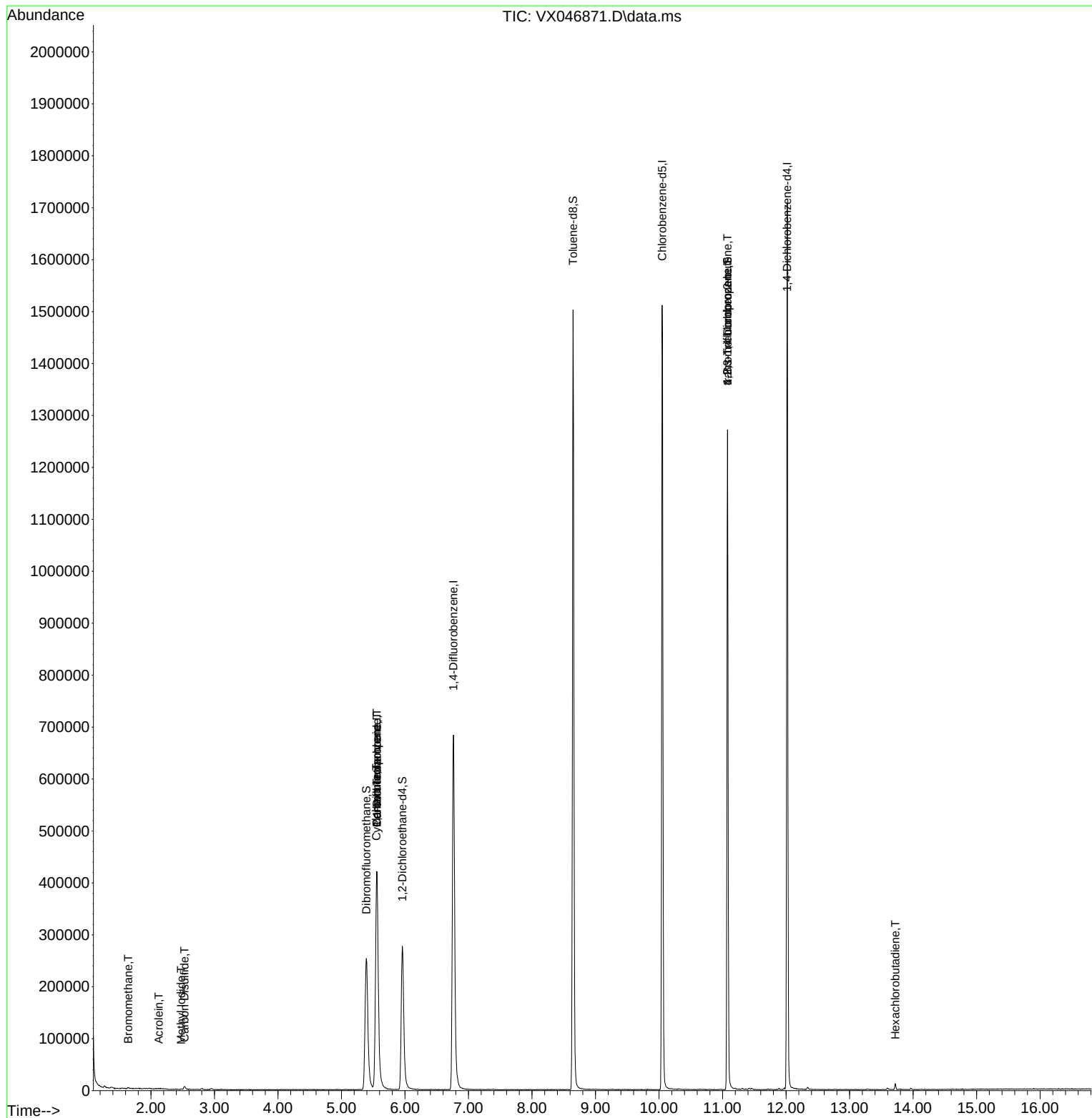
Internal Standards						
1) Pentafluorobenzene	5.556	168	435949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	752530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	691838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	351915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	289406	50.250	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.500%			
35) Dibromofluoromethane	5.391	113	248443	48.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.280%			
50) Toluene-d8	8.647	98	893863	49.596	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.200%			
62) 4-Bromofluorobenzene	11.079	95	346730	50.620	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.240%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	808	0.254	ug/l #	77
10) Methyl Iodide	2.477	142	2253	0.423	ug/l #	86
13) Acrolein	2.124	56	31	2.908	ug/l #	15
17) Carbon Disulfide	2.526	76	7573	0.611	ug/l	96
31) Cyclohexane	5.550	56	8710	1.058	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	34559	5.014	ug/l #	49
38) Carbon Tetrachloride	5.556	117	45420	6.234	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	174513	32.094	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	174513	86.124	ug/l #	8
94) Hexachlorobutadiene	13.719	225	1360	0.475	ug/l	82

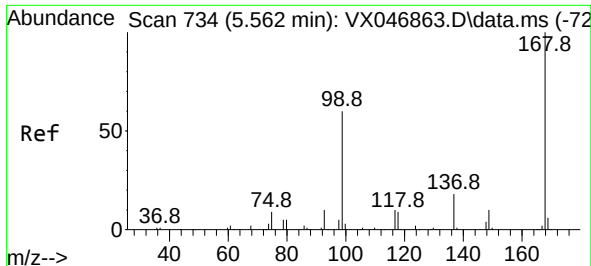
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
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MSVOA_X
ClientSampleId :
VX0703WBL01

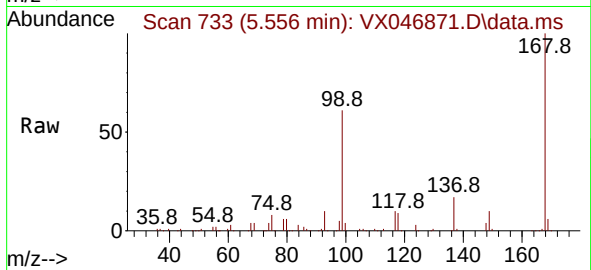
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



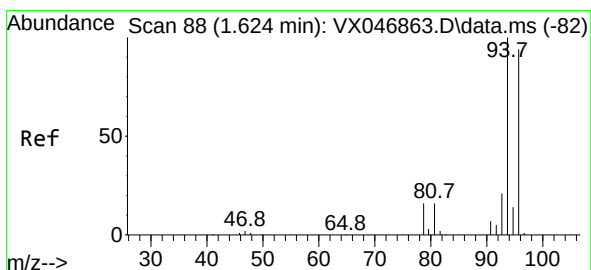
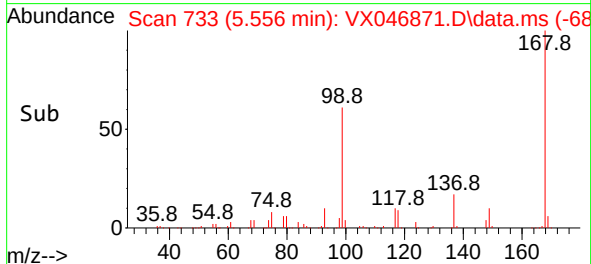
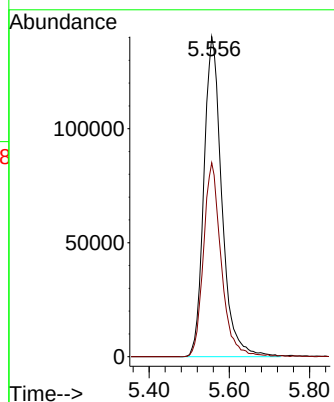


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

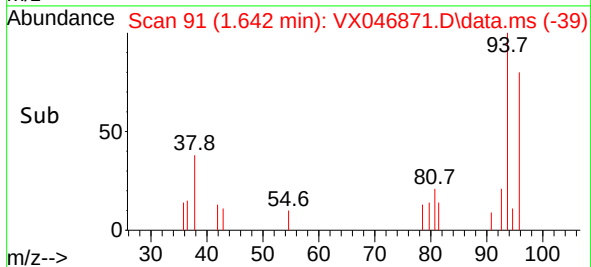
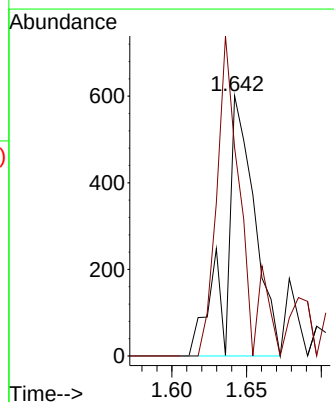
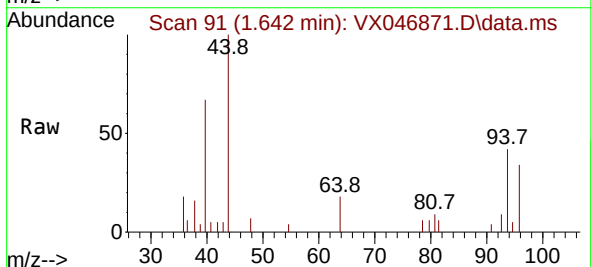


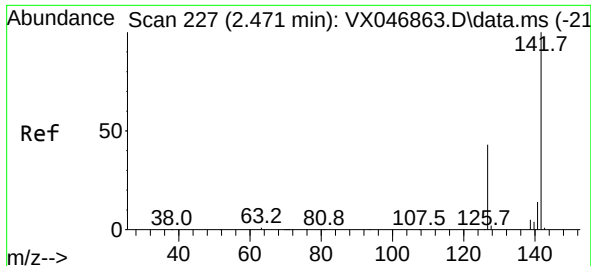
Tgt Ion:168 Resp: 435949
Ion Ratio Lower Upper
168 100
99 60.6 48.8 73.2



#5
Bromomethane
Concen: 0.254 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 94 Resp: 808
Ion Ratio Lower Upper
94 100
96 71.8 75.5 113.3#

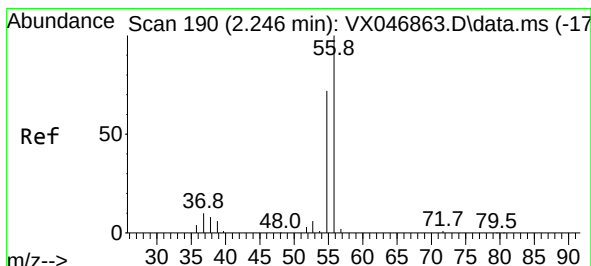
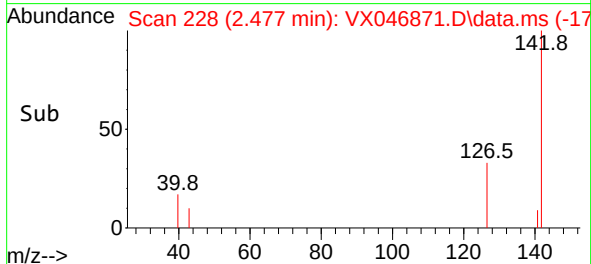
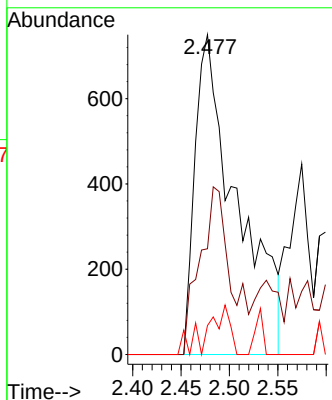
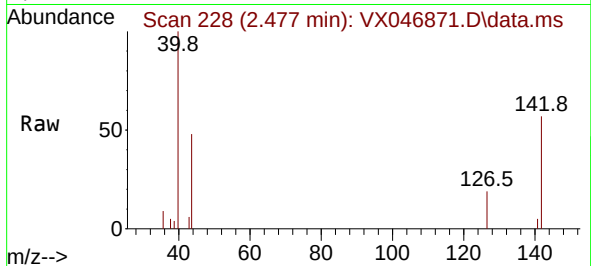




#10
Methyl Iodide
Concen: 0.423 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

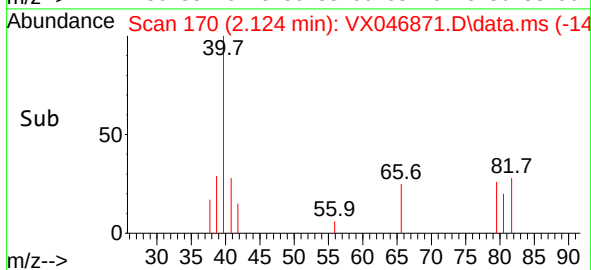
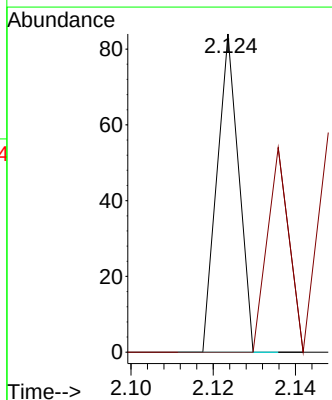
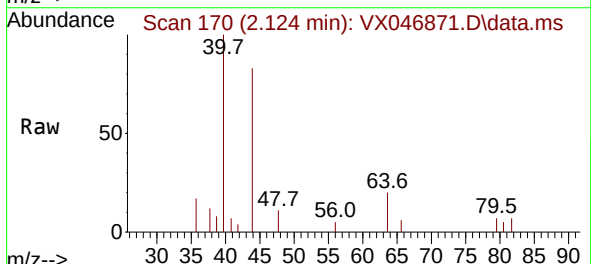
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

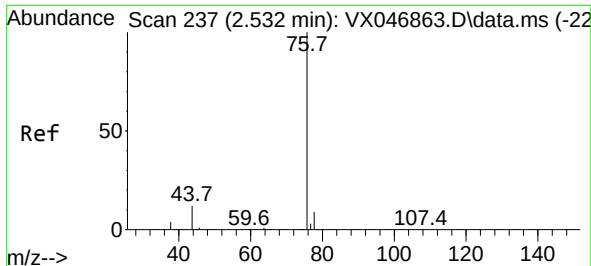
Tgt Ion:142 Resp: 2253
Ion Ratio Lower Upper
142 100
127 34.6 34.9 52.3#
141 7.6 11.1 16.7#



#13
Acrolein
Concen: 2.908 ug/l
RT: 2.124 min Scan# 170
Delta R.T. -0.122 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 55.5 83.3#

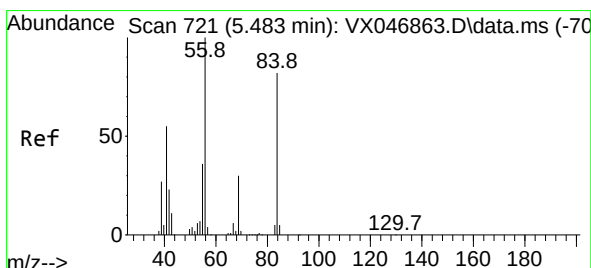
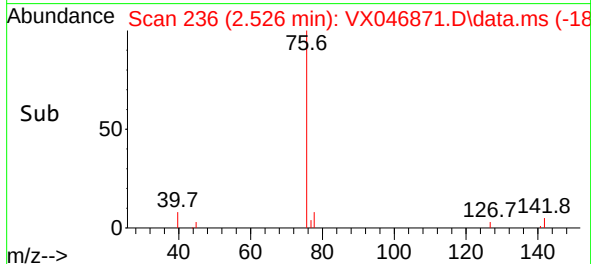
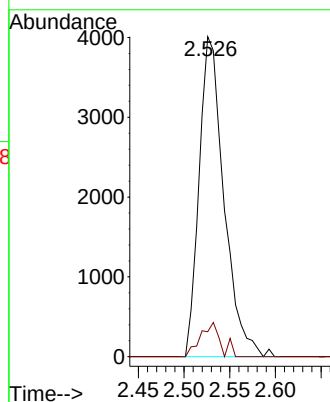
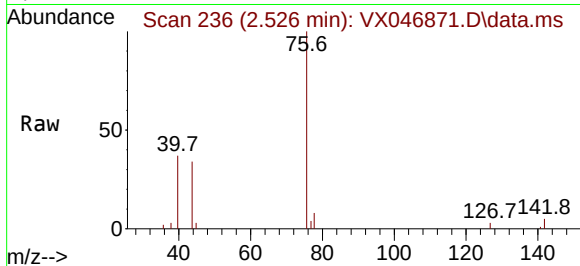




#17
Carbon Disulfide
Concen: 0.611 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

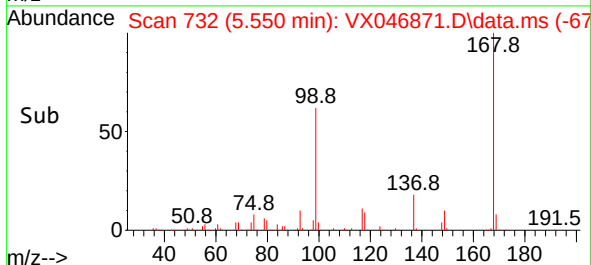
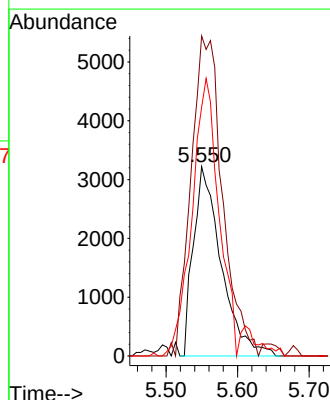
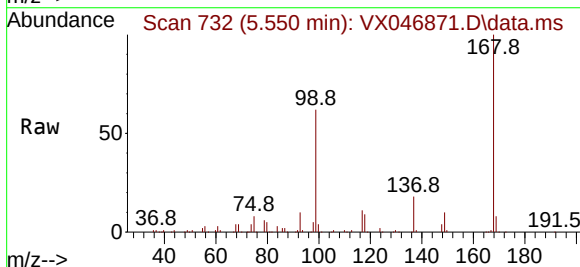
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

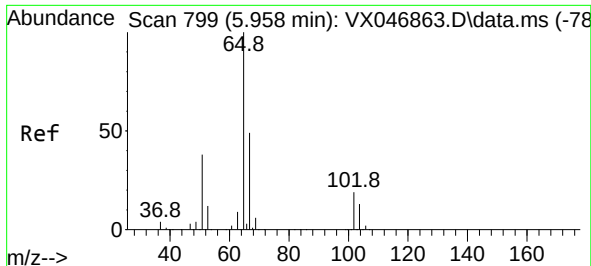
Tgt Ion: 76 Resp: 7573
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.2



#31
Cyclohexane
Concen: 1.058 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 56 Resp: 8710
Ion Ratio Lower Upper
56 100
69 165.5 24.0 36.0#
84 127.2 66.5 99.7#





#33

1,2-Dichloroethane-d4

Concen: 50.250 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX046871.D

Acq: 03 Jul 2025 09:09

Instrument :

MSVOA_X

ClientSampleId :

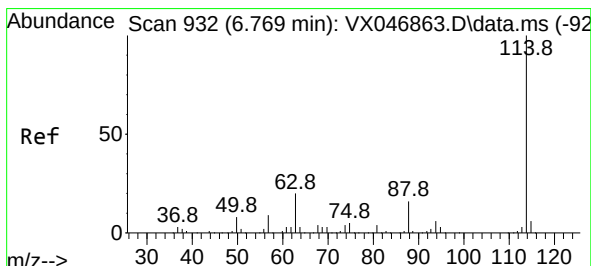
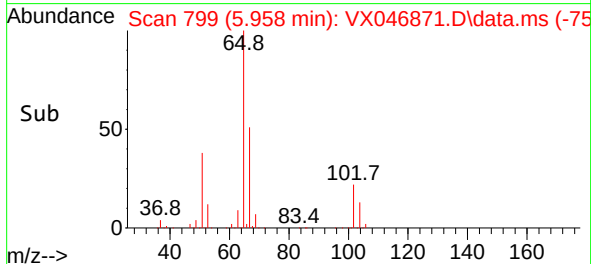
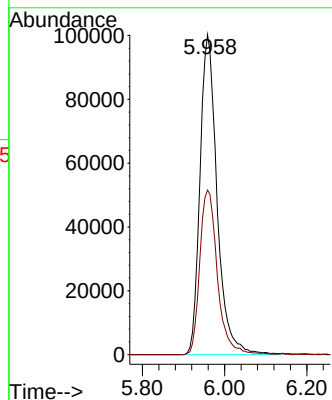
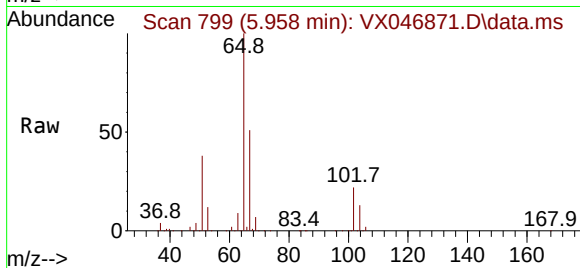
VX0703WBL01

Tgt Ion: 65 Resp: 289406

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046871.D

Acq: 03 Jul 2025 09:09

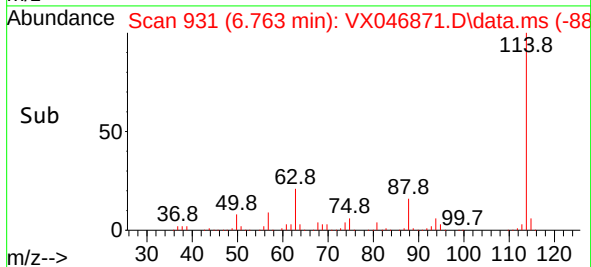
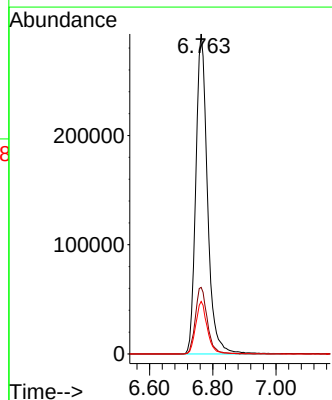
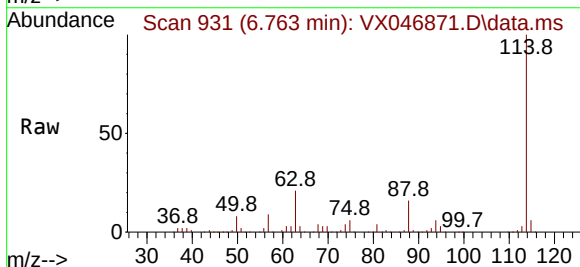
Tgt Ion: 114 Resp: 752530

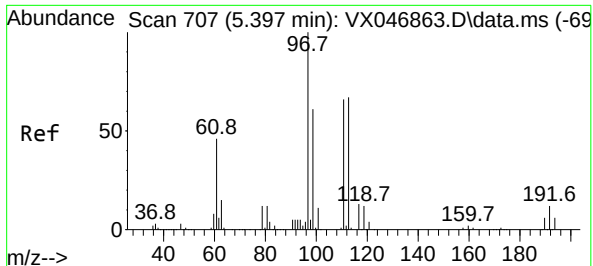
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.4

88 16.4 0.0 31.0

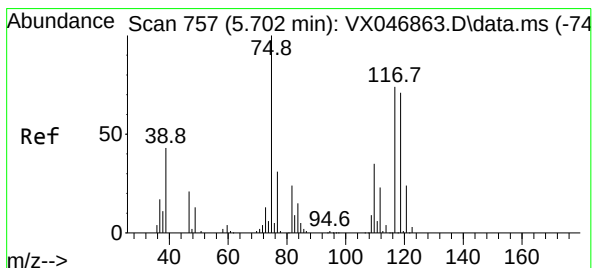
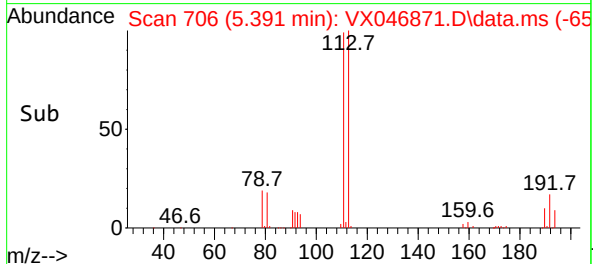
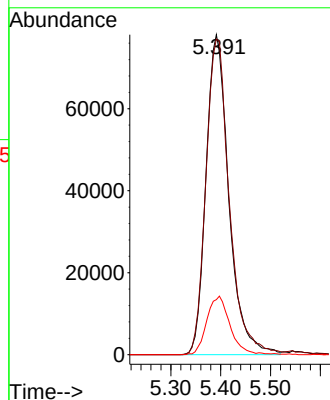
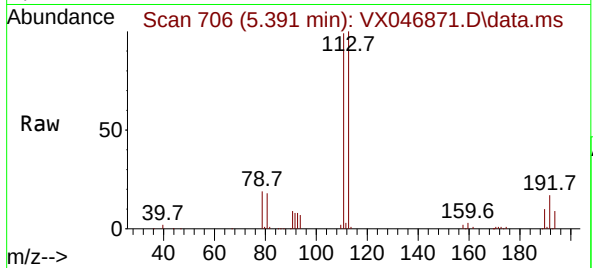




#35
Dibromofluoromethane
Concen: 48.636 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

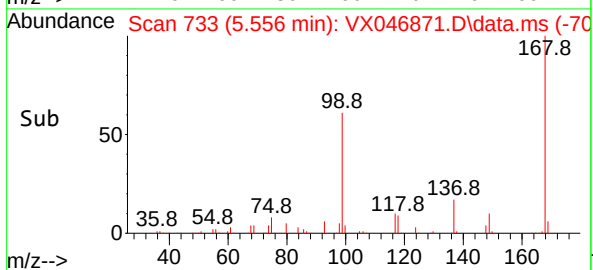
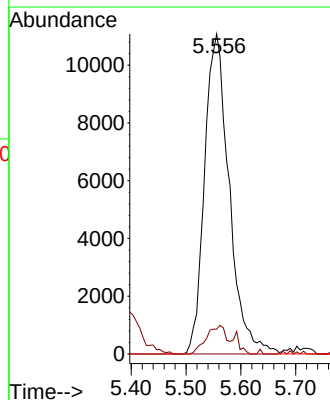
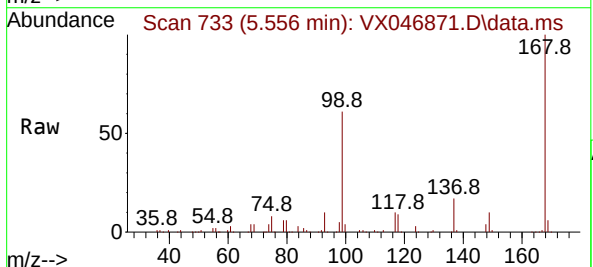
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

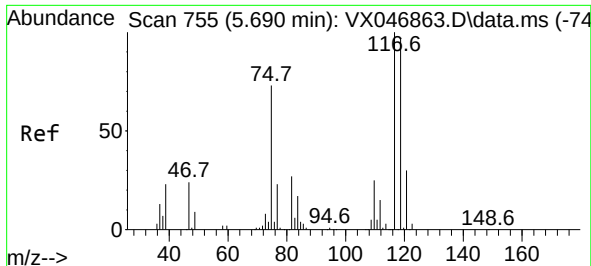
Tgt Ion:113 Resp: 248443
Ion Ratio Lower Upper
113 100
111 101.1 81.2 121.8
192 18.6 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 75 Resp: 34559
Ion Ratio Lower Upper
75 100
110 7.2 17.3 51.9#
77 0.0 24.2 36.4#

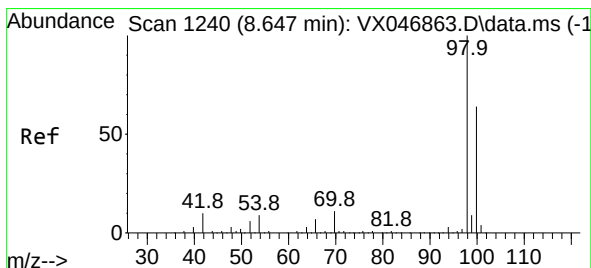
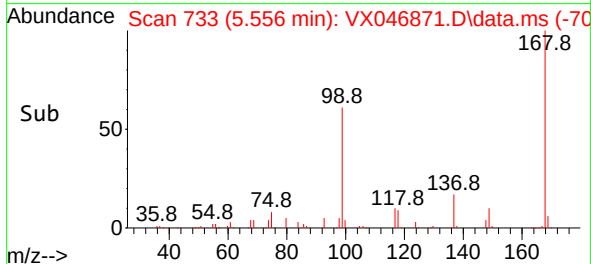
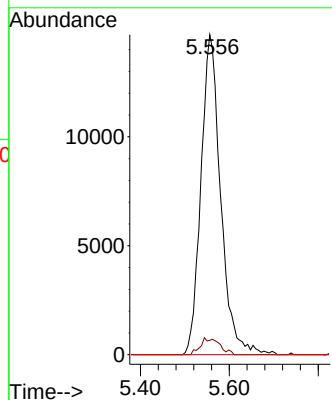
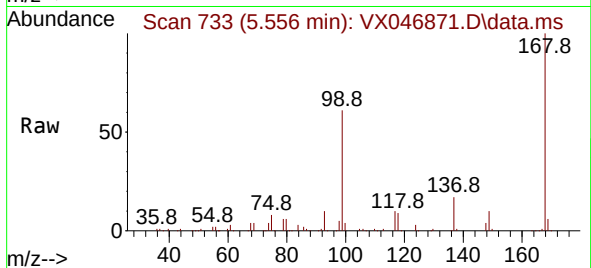




#38
Carbon Tetrachloride
Concen: 6.234 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

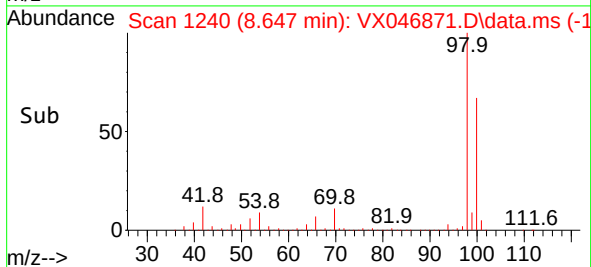
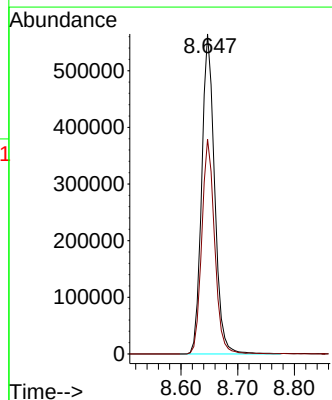
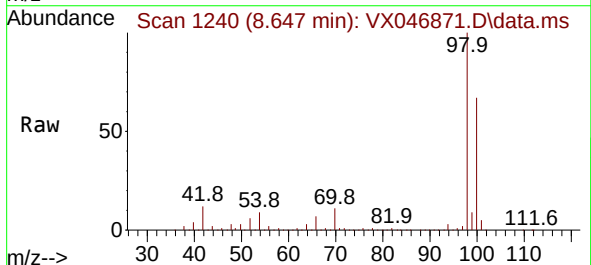
Instrument :
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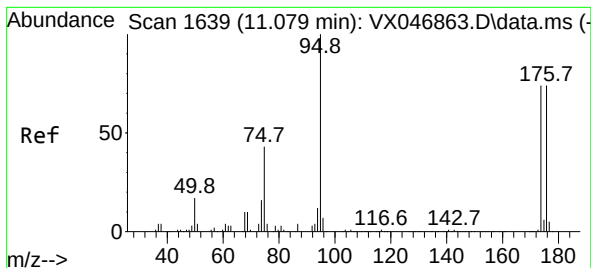
Tgt Ion:117 Resp: 45420
Ion Ratio Lower Upper
117 100
119 4.5 76.6 114.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.596 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 98 Resp: 893863
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.6

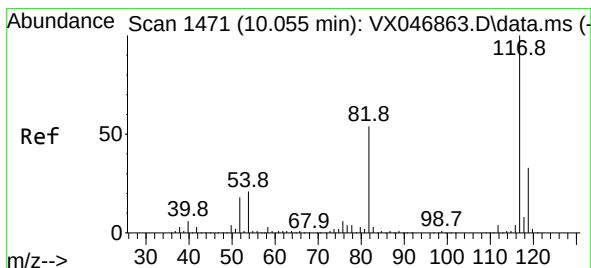
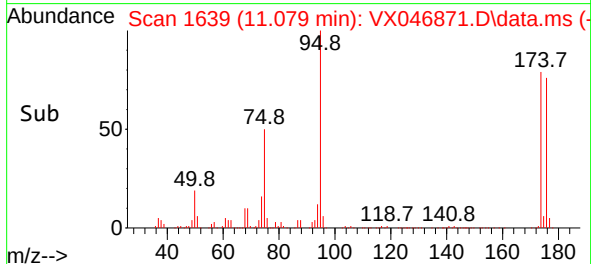
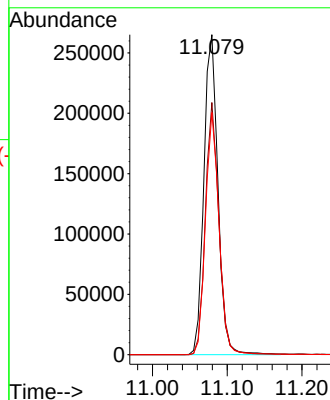
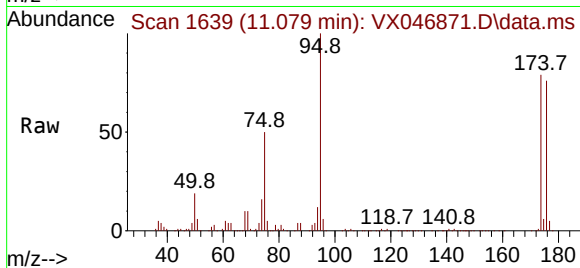




#62
4-Bromofluorobenzene
Concen: 50.620 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

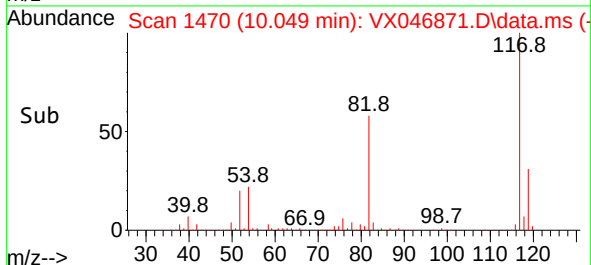
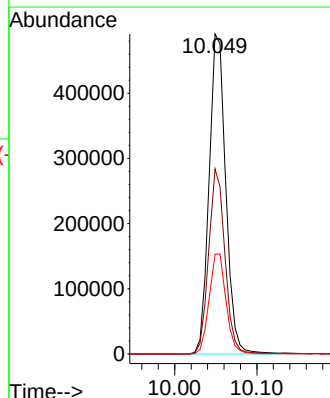
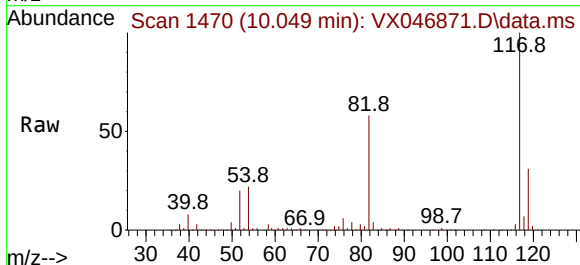
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

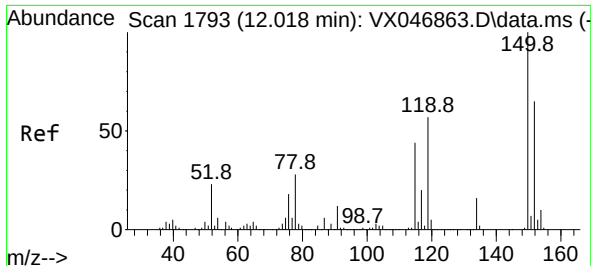
Tgt Ion: 95 Resp: 346730
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.0
176 73.3 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 117 Resp: 691838
Ion Ratio Lower Upper
117 100
82 57.8 43.3 64.9
119 31.1 26.4 39.6

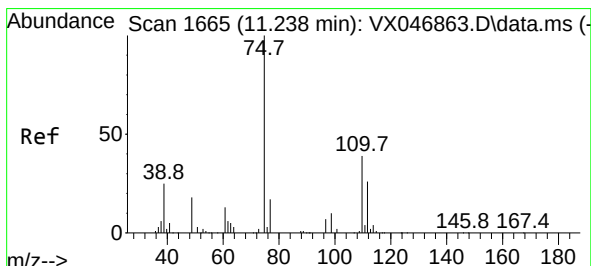
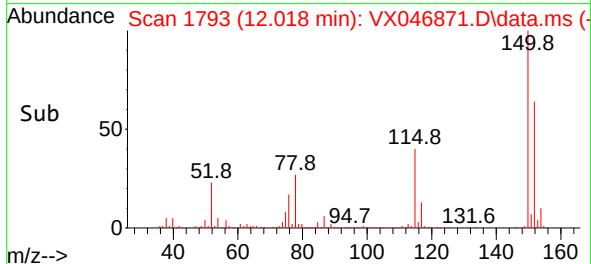
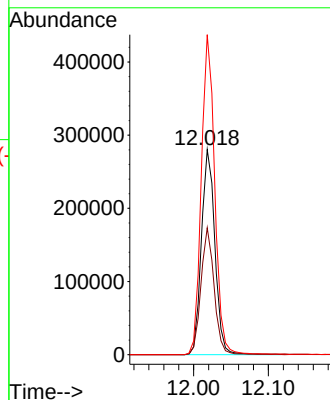
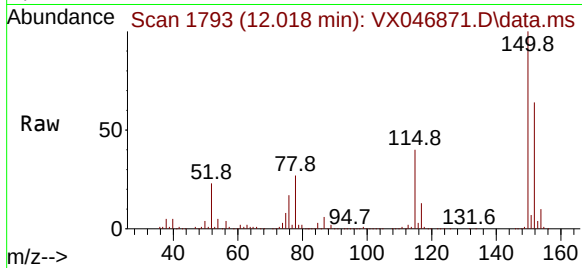




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046871.D
 Acq: 03 Jul 2025 09:09

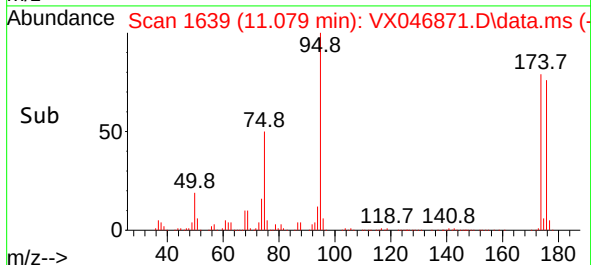
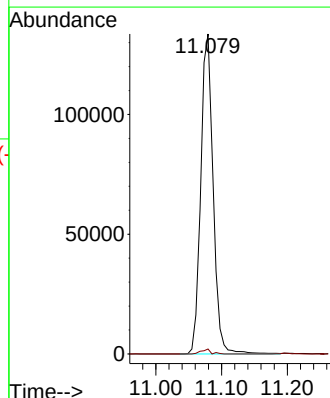
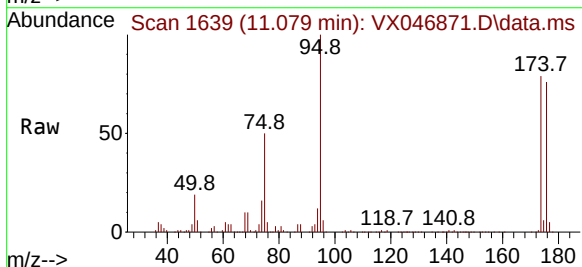
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 MSVOA_X
 ClientSampleId :
 VX0703WBL01

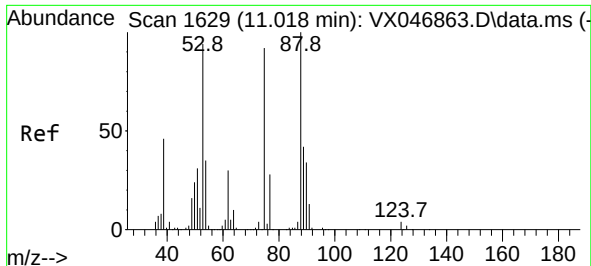
Tgt Ion:152 Resp: 351915
 Ion Ratio Lower Upper
 152 100
 115 60.5 42.4 127.1
 150 155.3 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 32.094 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046871.D
 Acq: 03 Jul 2025 09:09

Tgt Ion: 75 Resp: 174513
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.6 61.8#

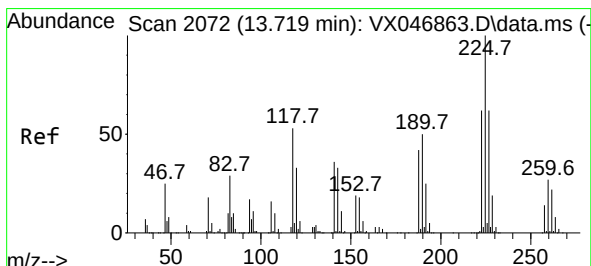
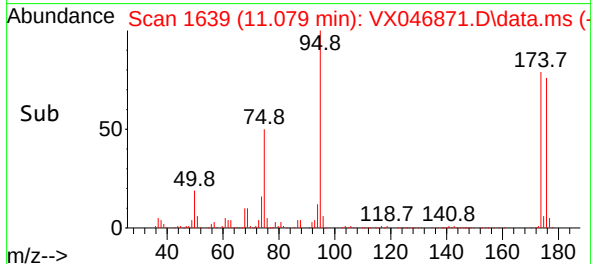
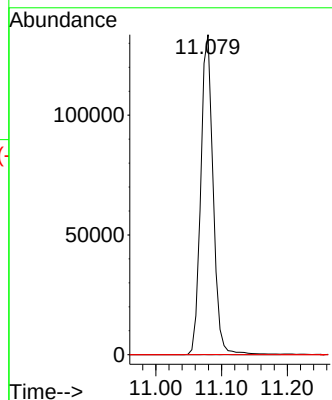
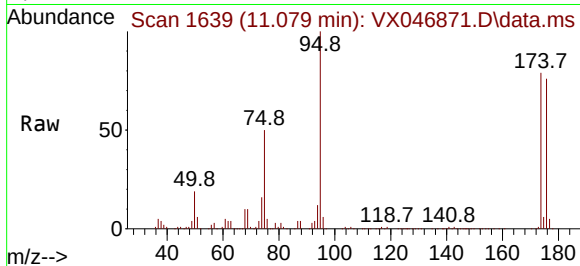




#81
trans-1,4-Dichloro-2-butene
Concen: 86.124 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion: 75 Resp: 174513
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#



#94
Hexachlorobutadiene
Concen: 0.475 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 225 Resp: 1360
Ion Ratio Lower Upper
225 100
223 77.8 31.6 94.7
227 76.5 31.6 94.7

