

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046830.D
 Acq On : 30 Jun 2025 10:00
 Operator : JC/MD
 Sample : VX0630WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBL01

Quant Time: Jul 01 05:16:35 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)

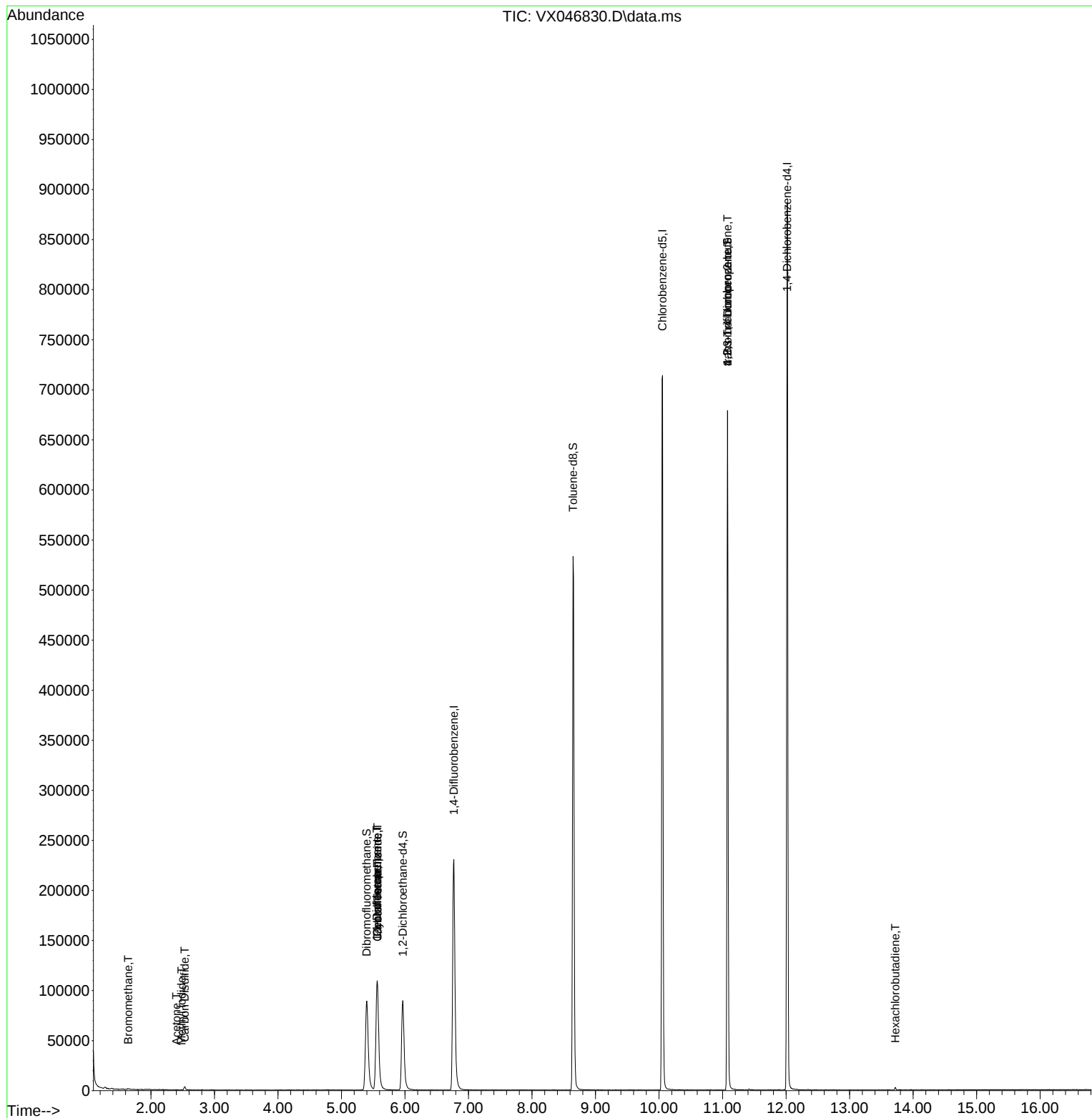
Internal Standards						
1) Pentafluorobenzene	5.562	168	114774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	181976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93182	58.696	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.400%			
35) Dibromofluoromethane	5.397	113	85976	50.967	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	8.647	98	330491	54.531	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.060%			
62) 4-Bromofluorobenzene	11.079	95	178706	79.102	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 158.200%#			
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	580	0.731	ug/l	97
10) Methyl Iodide	2.483	142	219	4.455	ug/l #	83
16) Acetone	2.398	43	255	0.482	ug/l	91
17) Carbon Disulfide	2.532	76	4776	1.248	ug/l #	94
31) Cyclohexane	5.562	56	2385	1.003	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8877	3.645	ug/l #	51
38) Carbon Tetrachloride	5.568	117	11699	4.427	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	91625	27.491	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	91625	77.705	ug/l #	7
94) Hexachlorobutadiene	13.719	225	482	0.274	ug/l	90

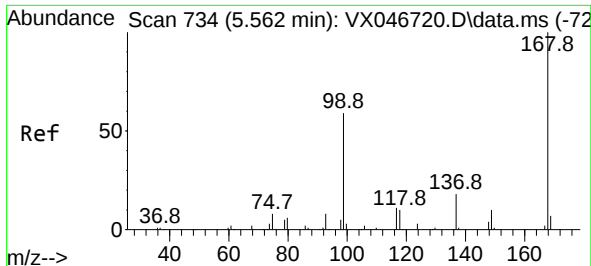
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
Data File : VX046830.D
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Sample : VX0630WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

Quant Time: Jul 01 05:16:35 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

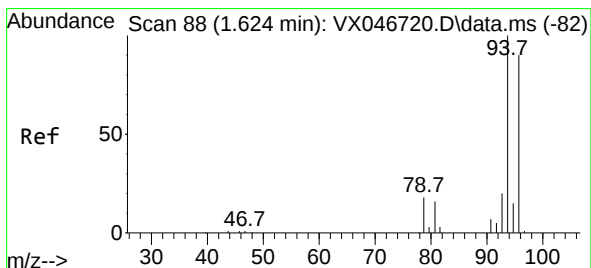
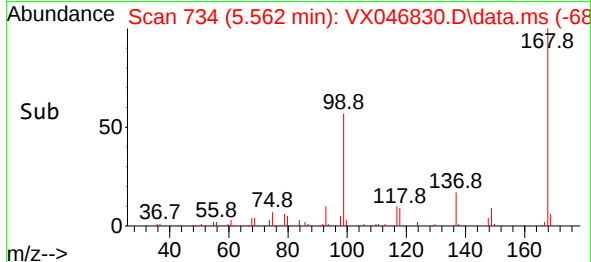
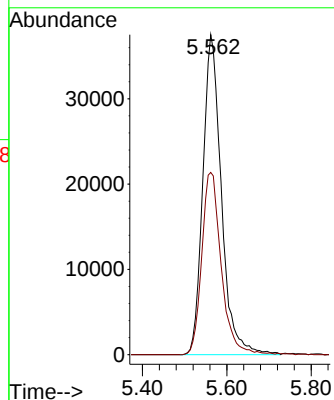
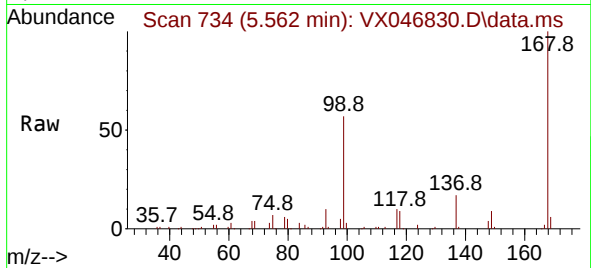




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

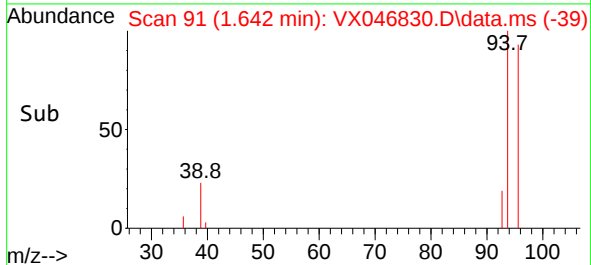
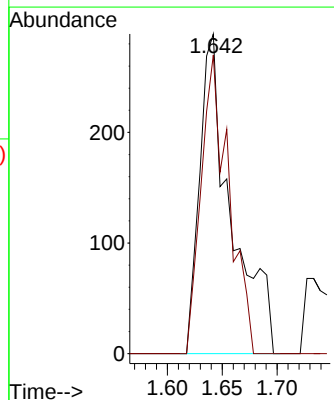
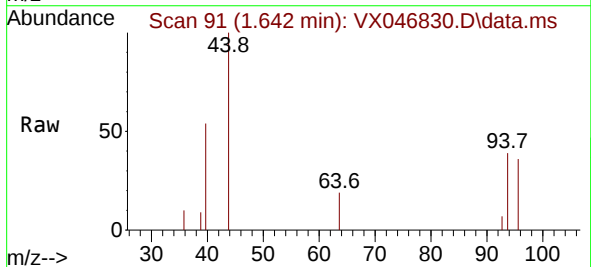
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

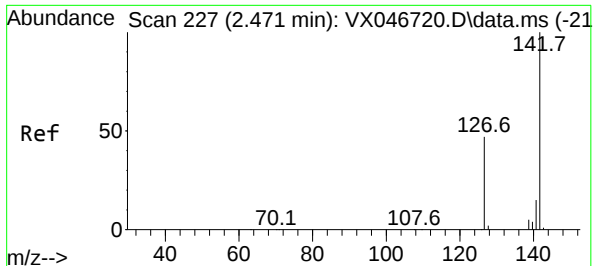
Tgt Ion:168 Resp: 114774
Ion Ratio Lower Upper
168 100
99 57.0 48.5 72.7



#5
Bromomethane
Concen: 0.731 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

Tgt Ion: 94 Resp: 580
Ion Ratio Lower Upper
94 100
96 93.4 72.3 108.5

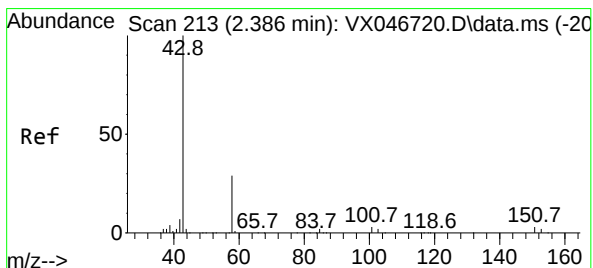
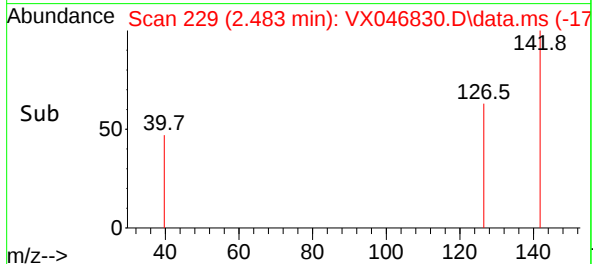
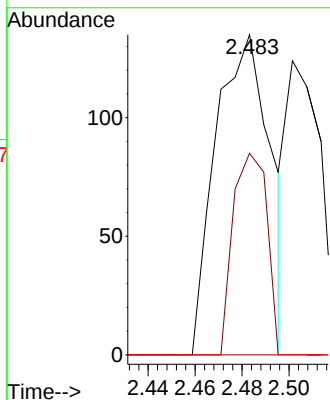
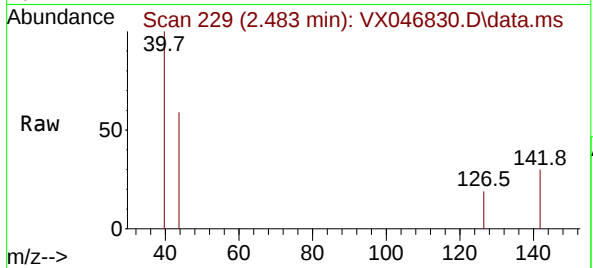




#10
Methyl Iodide
Concen: 4.455 ug/l
RT: 2.483 min Scan# 219
Delta R.T. 0.012 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

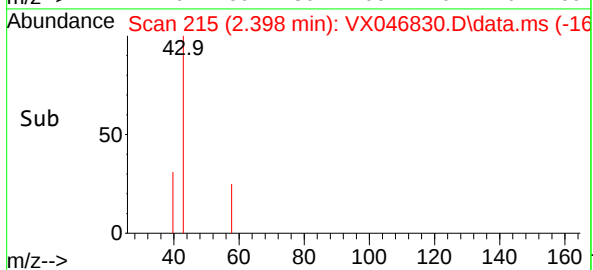
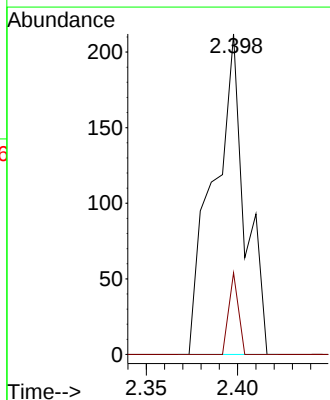
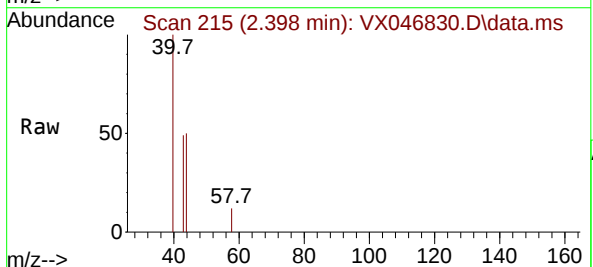
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

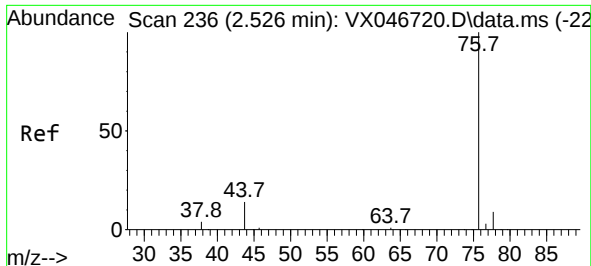
Tgt Ion:142 Resp: 219
Ion Ratio Lower Upper
142 100
127 38.8 37.0 55.6
141 0.0 11.5 17.3#



#16
Acetone
Concen: 0.482 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

Tgt Ion: 43 Resp: 255
Ion Ratio Lower Upper
43 100
58 25.5 24.5 36.7

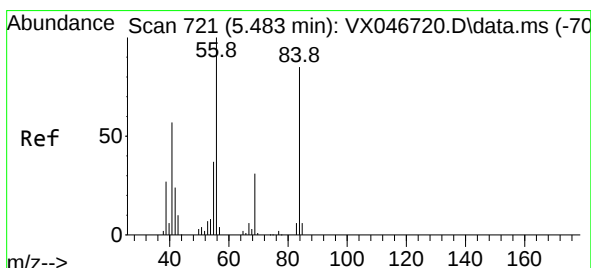
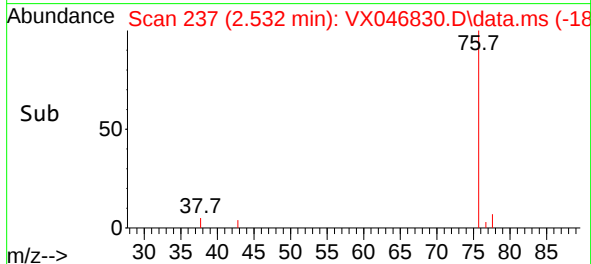
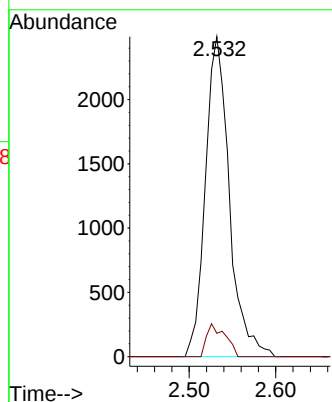
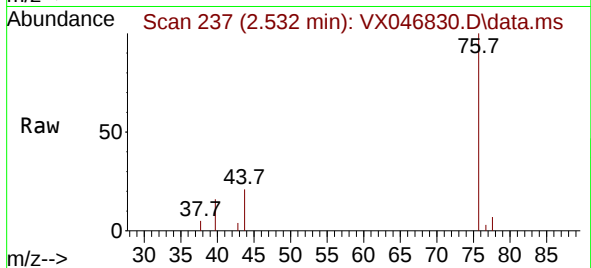




#17
Carbon Disulfide
Concen: 1.248 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

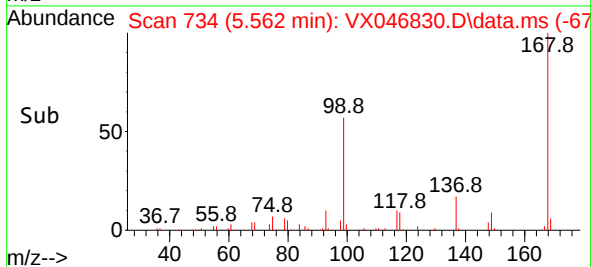
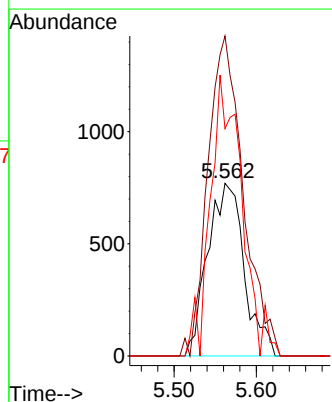
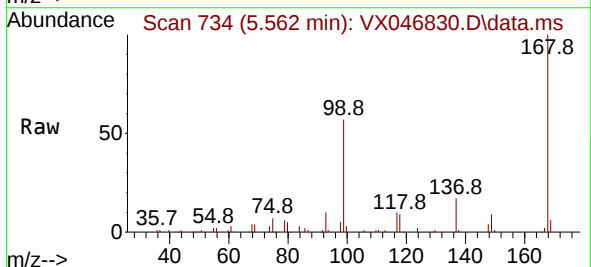
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

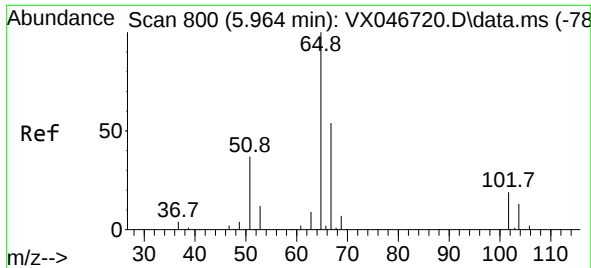
Tgt Ion: 76 Resp: 4776
Ion Ratio Lower Upper
76 100
78 7.3 7.5 11.3#



#31
Cyclohexane
Concen: 1.003 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

Tgt Ion: 56 Resp: 2385
Ion Ratio Lower Upper
56 100
69 185.3 24.8 37.2#
84 131.7 68.2 102.2#

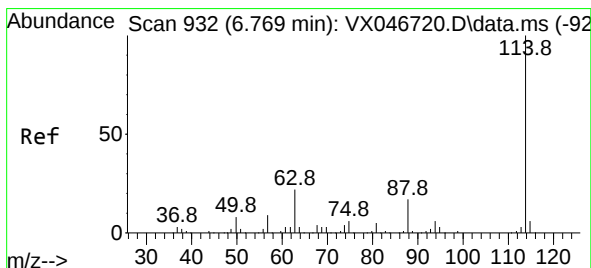
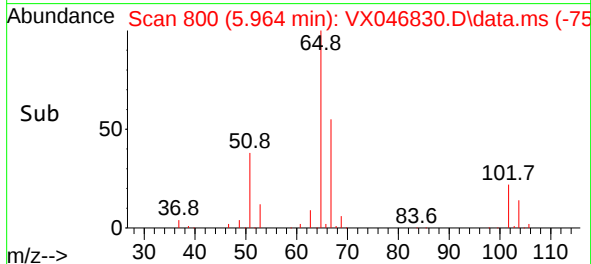
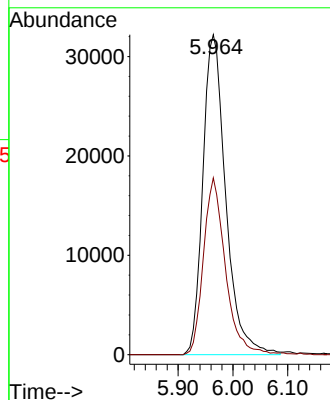
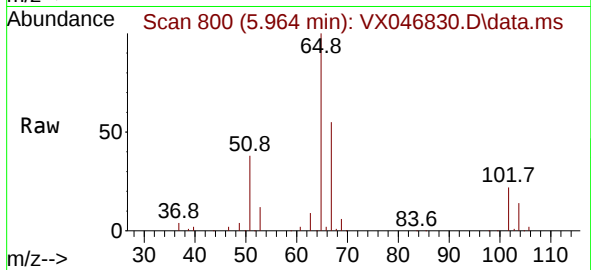




#33
1,2-Dichloroethane-d4
Concen: 58.696 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

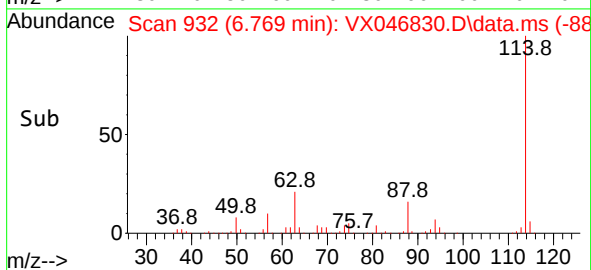
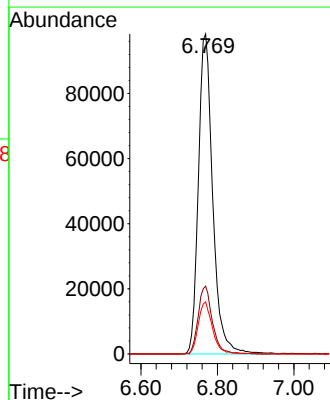
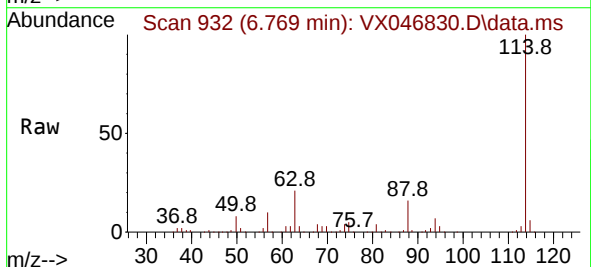
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

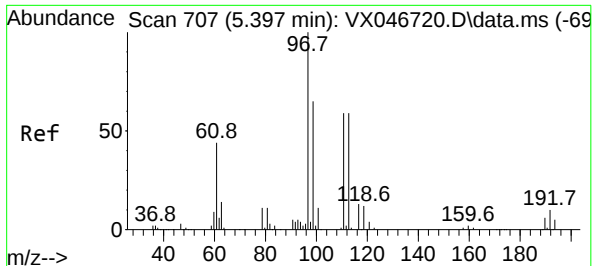
Tgt Ion: 65 Resp: 93182
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

Tgt Ion: 114 Resp: 254959
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.2
88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.967 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046830.D

Acq: 30 Jun 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBL01

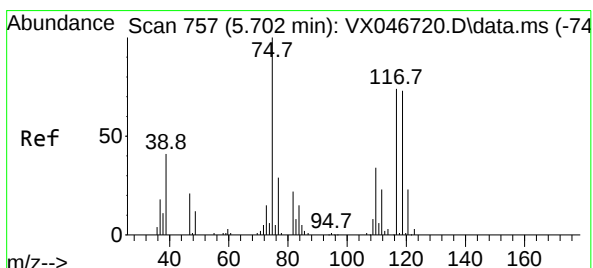
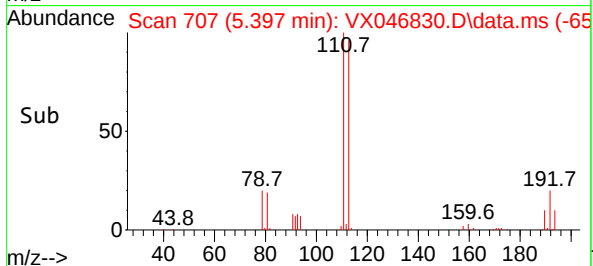
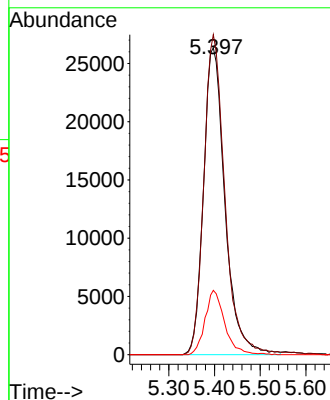
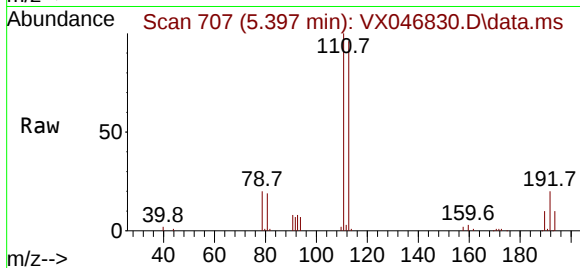
Tgt Ion:113 Resp: 85976

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

192 19.1 15.3 22.9



#36

1,1-Dichloropropene

Concen: 3.645 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.147 min

Lab File: VX046830.D

Acq: 30 Jun 2025 10:00

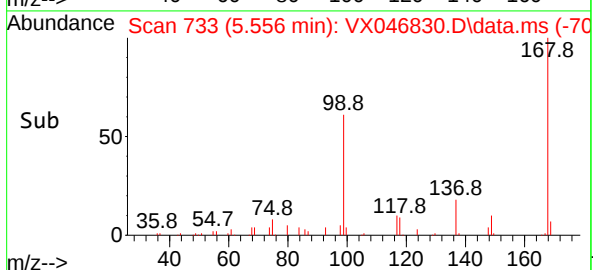
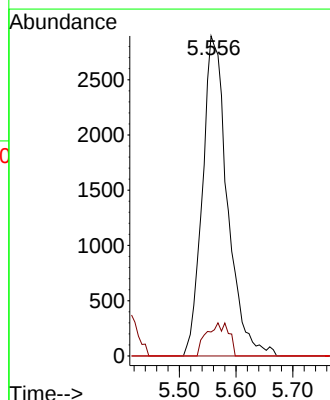
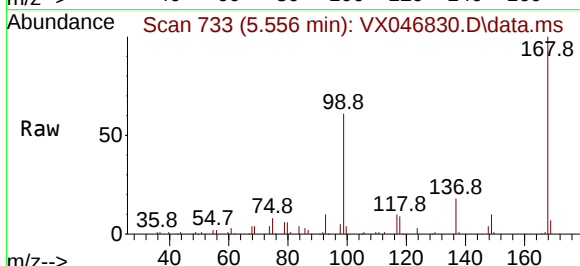
Tgt Ion: 75 Resp: 8877

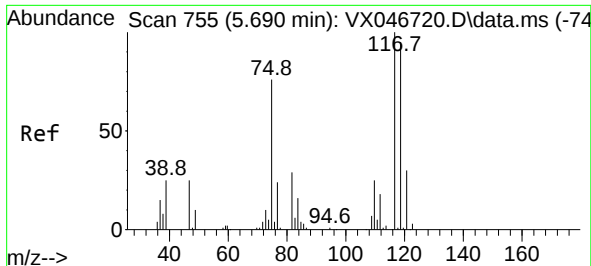
Ion Ratio Lower Upper

75 100

110 9.2 17.2 51.5#

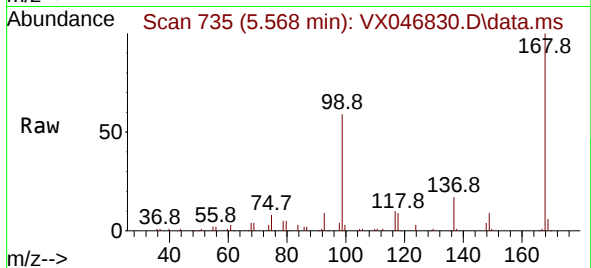
77 0.0 24.2 36.4#



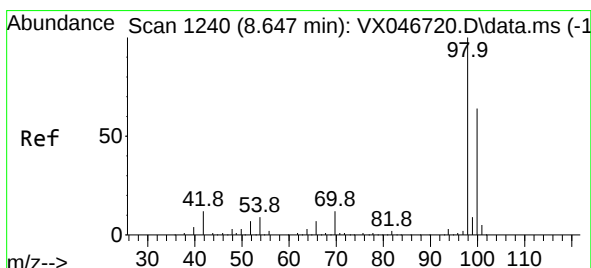
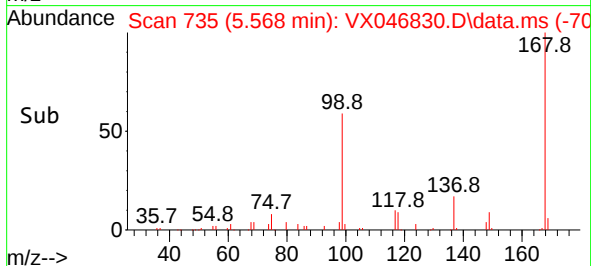
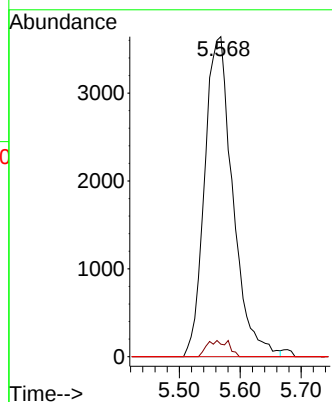


#38
Carbon Tetrachloride
Concen: 4.427 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

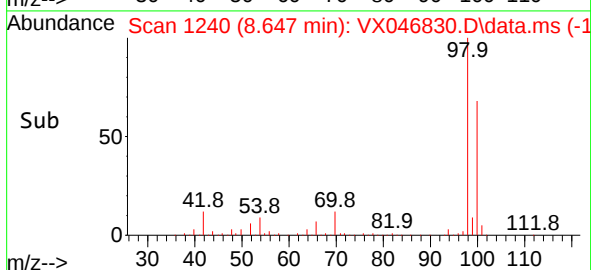
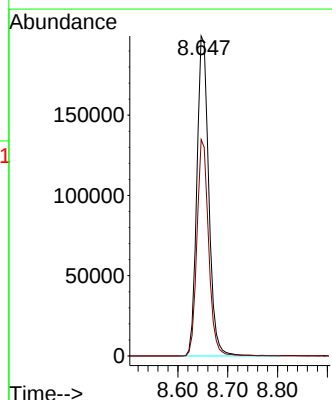
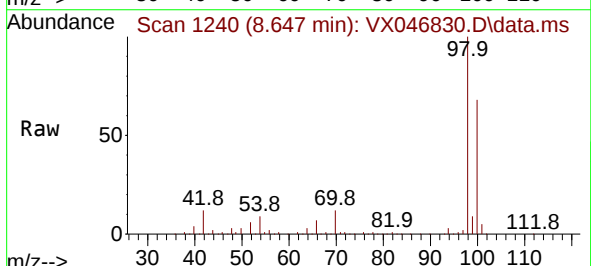


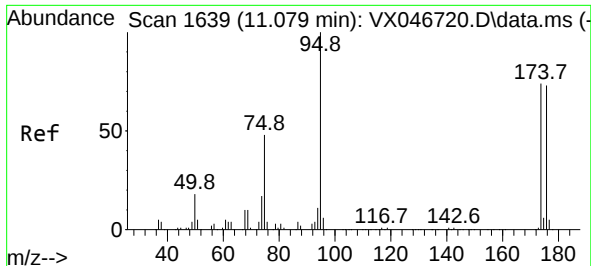
Tgt Ion:117 Resp: 11699
Ion Ratio Lower Upper
117 100
119 3.9 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 54.531 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

Tgt Ion: 98 Resp: 330491
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

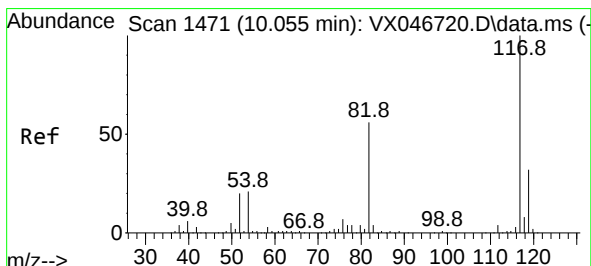
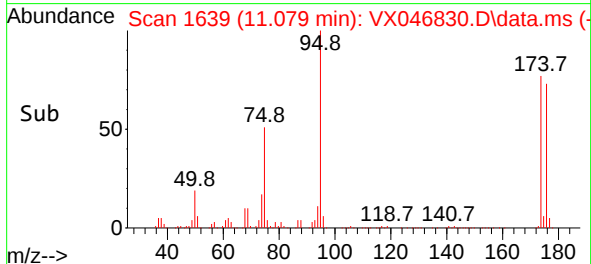
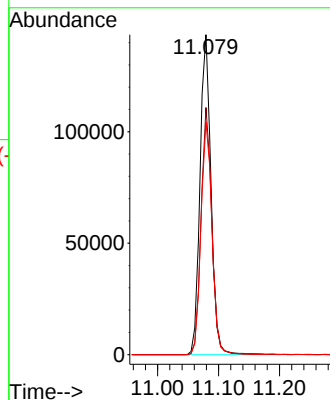
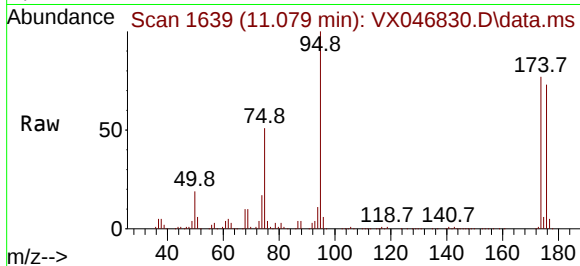




#62
4-Bromofluorobenzene
Concen: 79.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

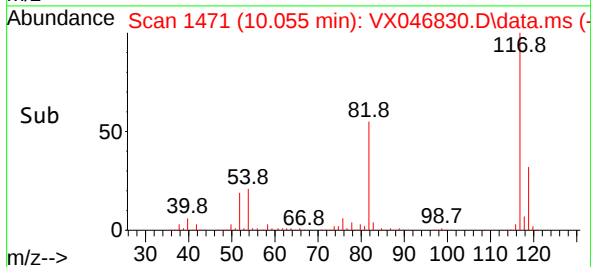
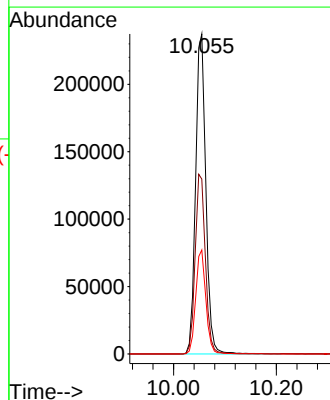
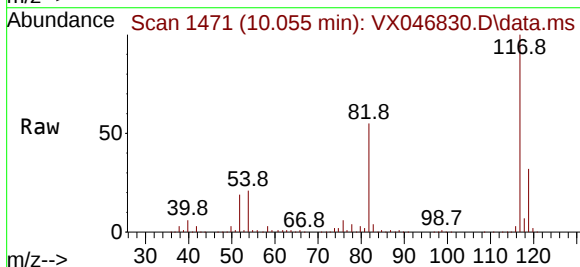
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

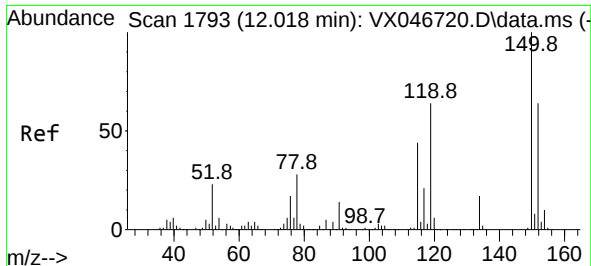
Tgt Ion: 95 Resp: 178706
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.4
176 73.2 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

Tgt Ion: 117 Resp: 328591
Ion Ratio Lower Upper
117 100
82 54.6 44.6 66.8
119 32.5 25.8 38.8

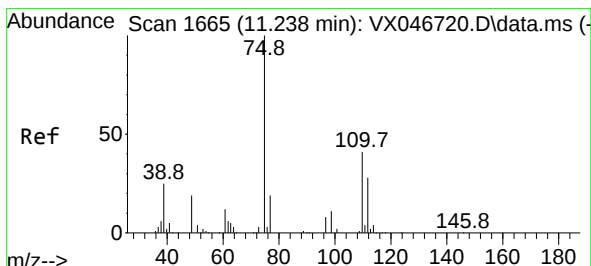
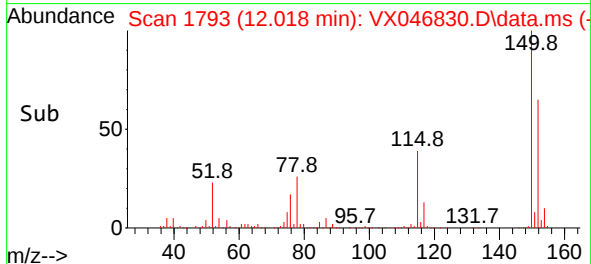
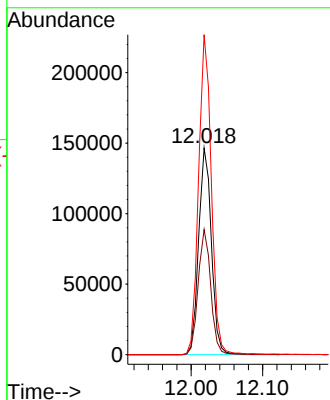
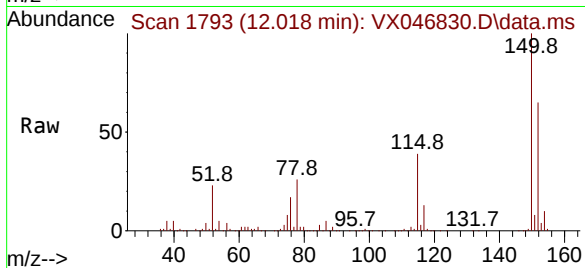




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

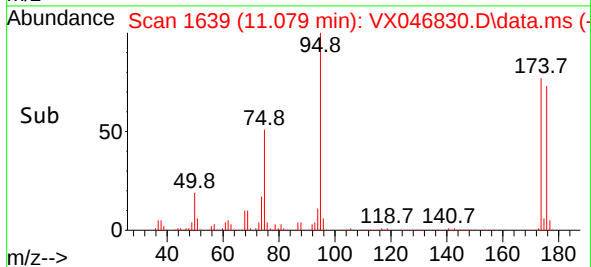
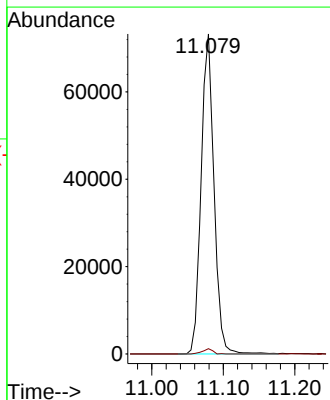
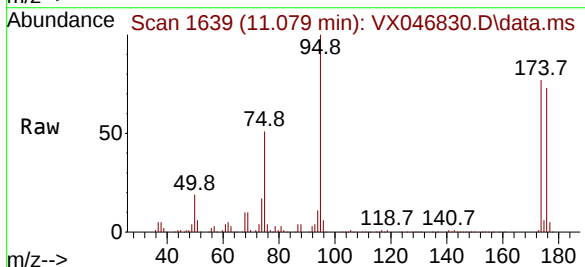
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

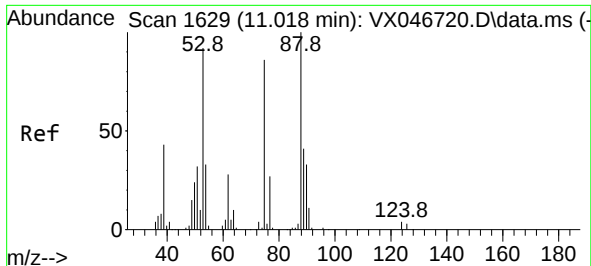
Tgt Ion:152 Resp: 181976
Ion Ratio Lower Upper
152 100
115 59.7 43.2 129.6
150 154.1 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 27.491 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

Tgt Ion: 75 Resp: 91625
Ion Ratio Lower Upper
75 100
77 1.3 18.5 55.5#

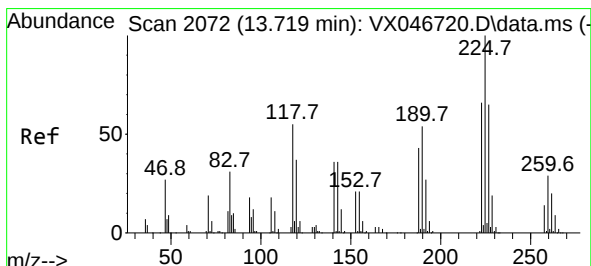
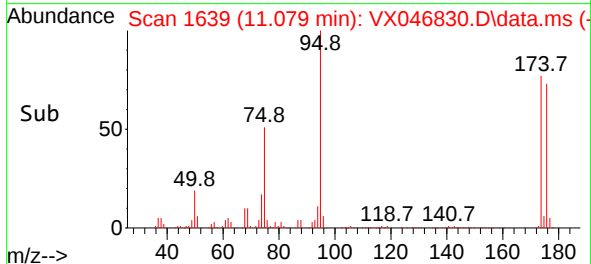
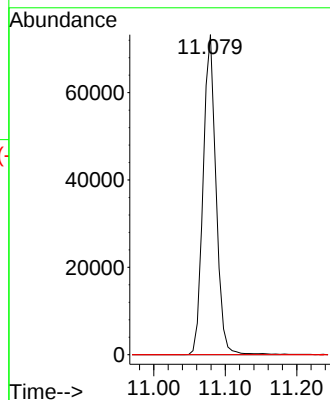
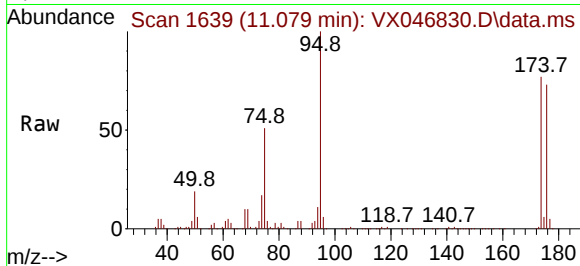




#81
trans-1,4-Dichloro-2-butene
Concen: 77.705 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBL01

Tgt Ion: 75 Resp: 91625
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.274 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046830.D
Acq: 30 Jun 2025 10:00

Tgt Ion: 225 Resp: 482
Ion Ratio Lower Upper
225 100
223 58.7 32.5 97.5
227 73.4 32.2 96.6

