

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
 Data File : VX046850.D
 Acq On : 01 Jul 2025 11:23
 Operator : JC/MD
 Sample : Q2460-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 02 01:40:00 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)

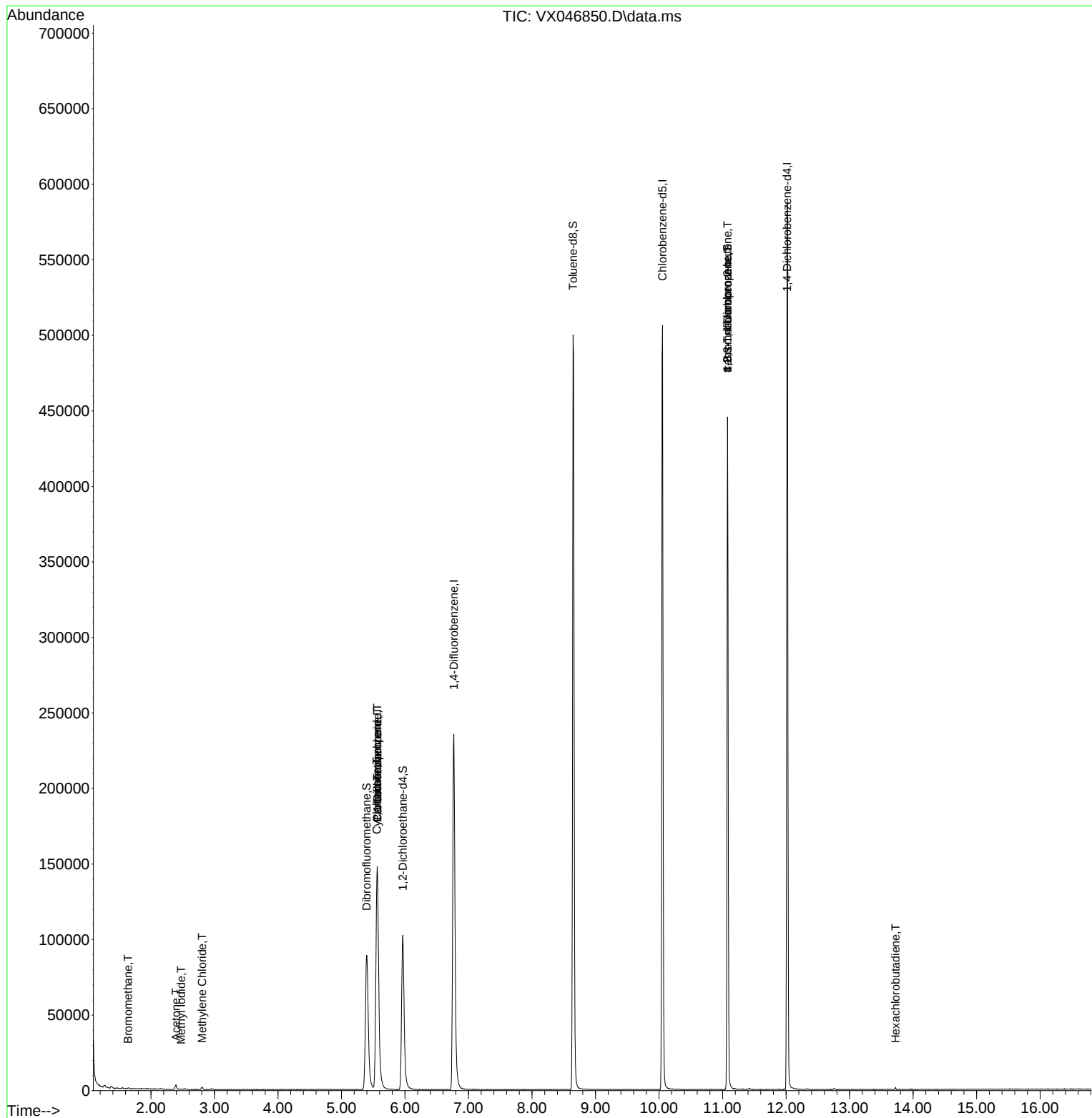
Internal Standards						
1) Pentafluorobenzene	5.562	168	154960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105776	49.350	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.700%
35) Dibromofluoromethane	5.397	113	86830	50.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.700%
50) Toluene-d8	8.647	98	315776	51.473	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.940%
62) 4-Bromofluorobenzene	11.079	95	120601	52.737	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	427	0.399	ug/l	83
10) Methyl Iodide	2.477	142	676	4.612	ug/l #	68
16) Acetone	2.392	43	3704	5.182	ug/l	90
20) Methylene Chloride	2.806	84	770	0.387	ug/l	93
31) Cyclohexane	5.556	56	3042	0.948	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12380	5.023	ug/l #	51
38) Carbon Tetrachloride	5.562	117	15559	5.816	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	60580	27.253	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	60580	77.033	ug/l #	7
94) Hexachlorobutadiene	13.725	225	298	0.254	ug/l	82

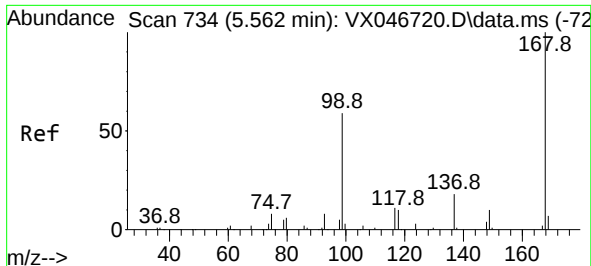
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
Data File : VX046850.D
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Operator : JC/MD
Sample : Q2460-01 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

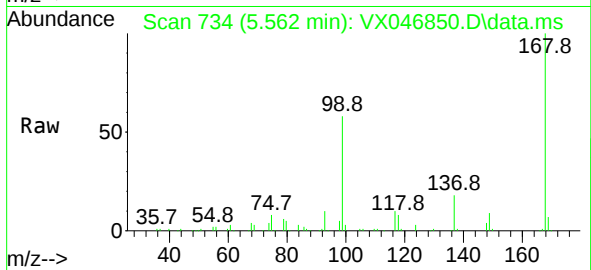
Quant Time: Jul 02 01:40:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



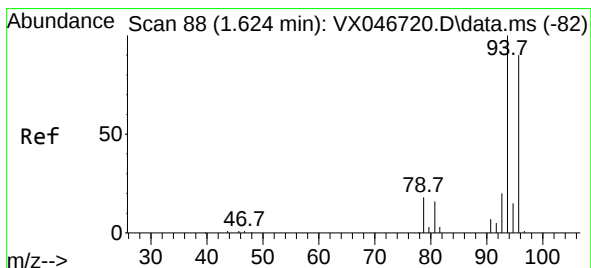
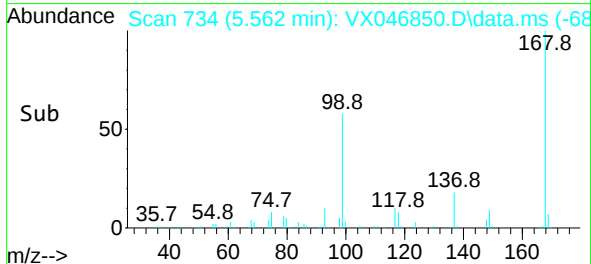
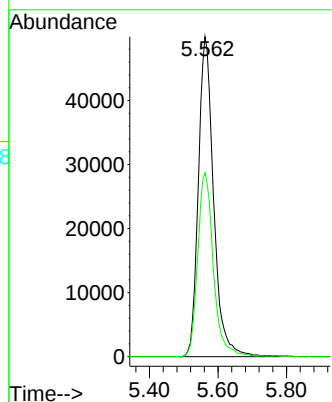


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

Instrument :
MSVOA_X
ClientSampleId :

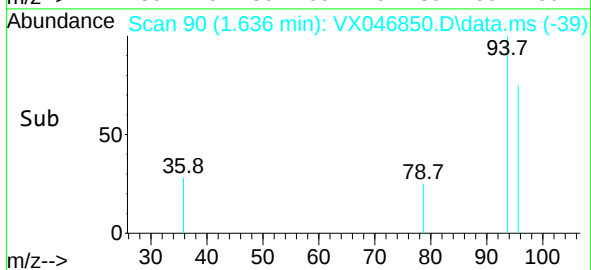
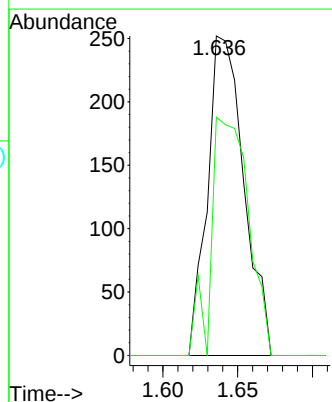
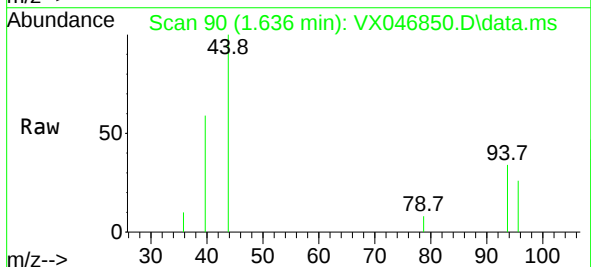


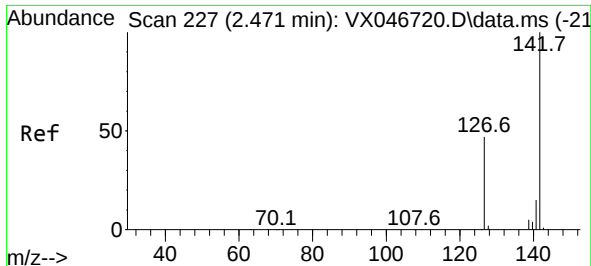
Tgt Ion:168 Resp: 154960
Ion Ratio Lower Upper
168 100
99 57.5 48.5 72.7



#5
Bromomethane
Concen: 0.399 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

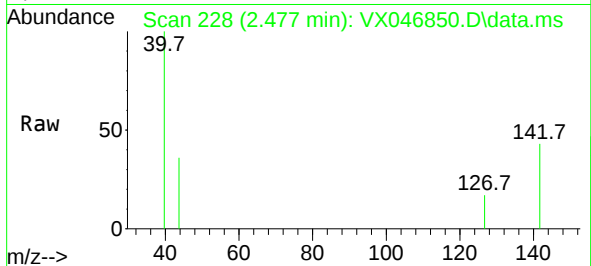
Tgt Ion: 94 Resp: 427
Ion Ratio Lower Upper
94 100
96 74.6 72.3 108.5



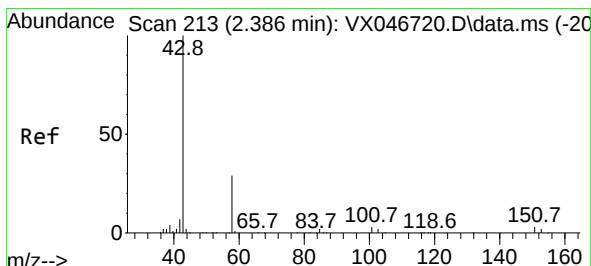
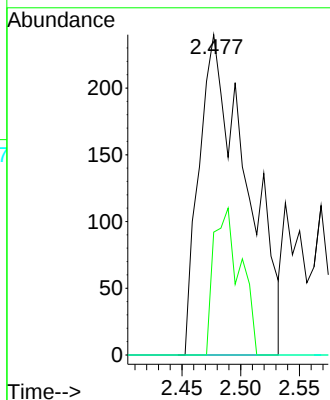
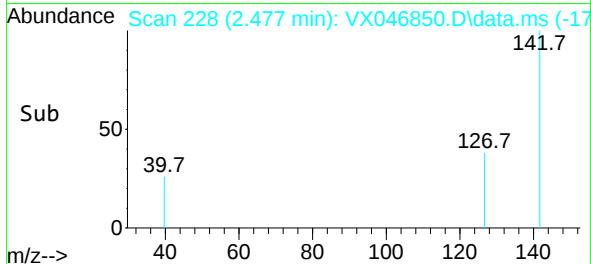


#10
Methyl Iodide
Concen: 4.612 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

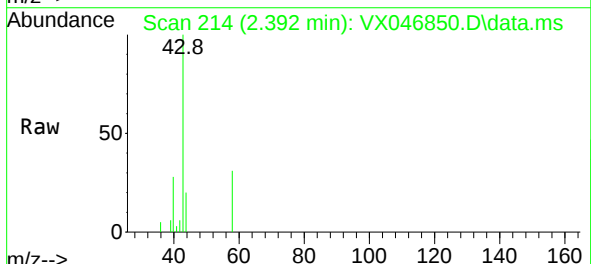
Instrument :
MSVOA_X
ClientSampleId :



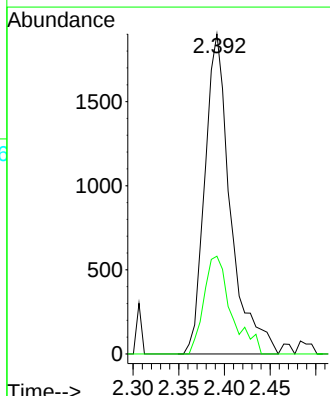
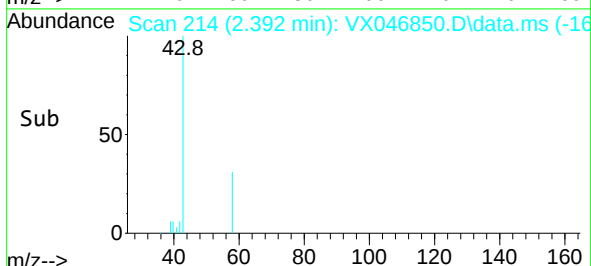
Tgt Ion:142 Resp: 676
Ion Ratio Lower Upper
142 100
127 25.7 37.0 55.6#
141 0.0 11.5 17.3#

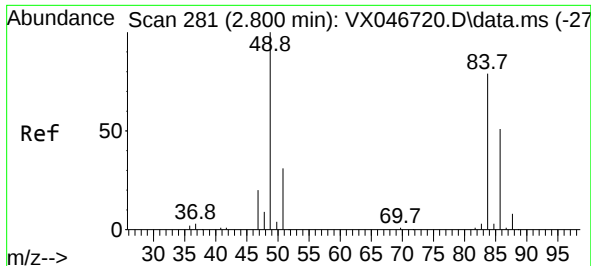


#16
Acetone
Concen: 5.182 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23



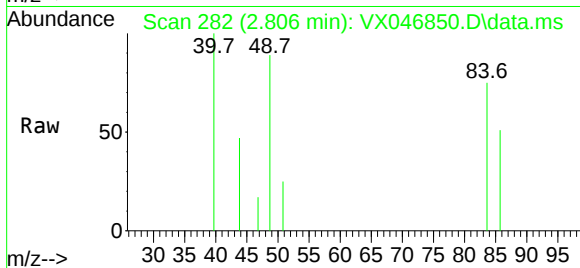
Tgt Ion: 43 Resp: 3704
Ion Ratio Lower Upper
43 100
58 25.4 24.5 36.7



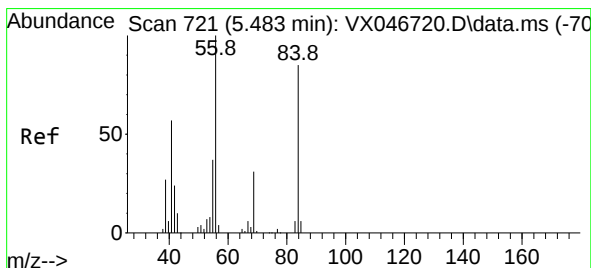
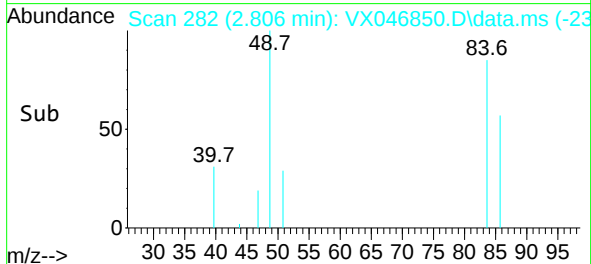
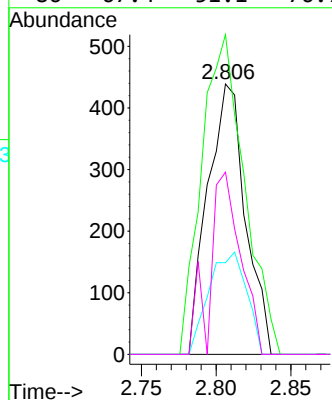


#20
Methylene Chloride
Concen: 0.387 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

Instrument :
MSVOA_X
ClientSampleId :

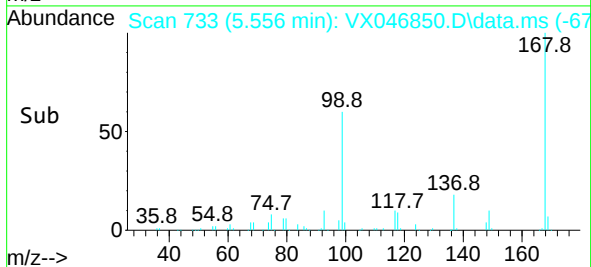
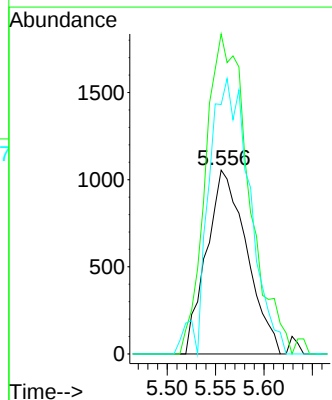
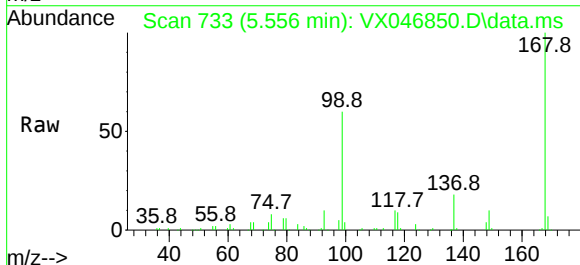


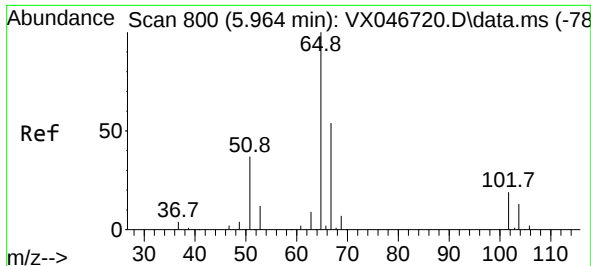
Tgt Ion:	84	Resp:	770
Ion	Ratio	Lower	Upper
84	100		
49	118.2	101.3	151.9
51	33.9	31.0	46.6
86	67.4	51.1	76.7



#31
Cyclohexane
Concen: 0.948 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

Tgt Ion:	56	Resp:	3042
Ion	Ratio	Lower	Upper
56	100		
69	174.0	24.8	37.2#
84	128.3	68.2	102.2#

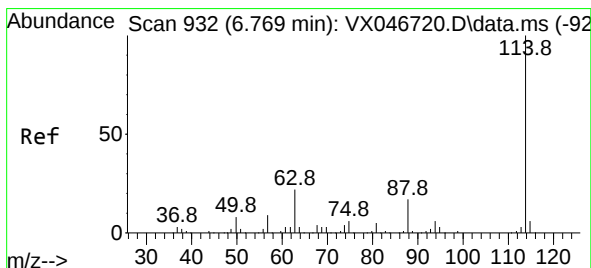
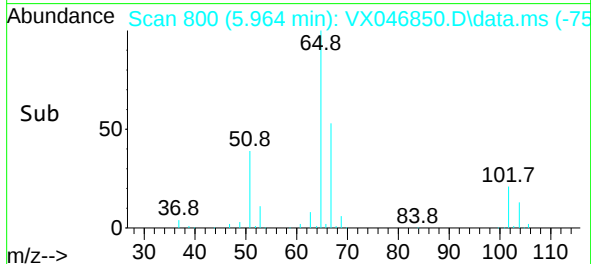
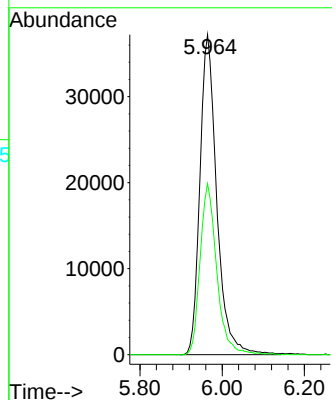
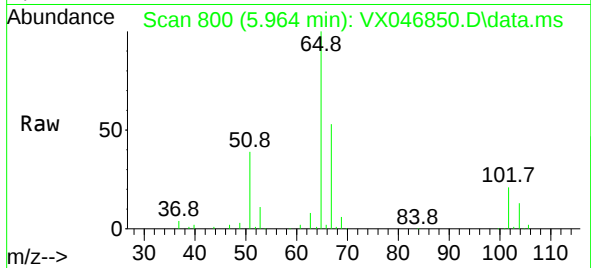




#33
 1,2-Dichloroethane-d4
 Concen: 49.350 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046850.D
 Acq: 01 Jul 2025 11:23

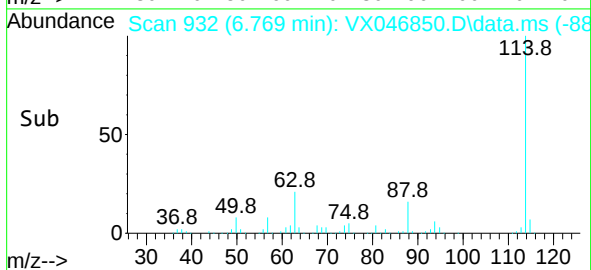
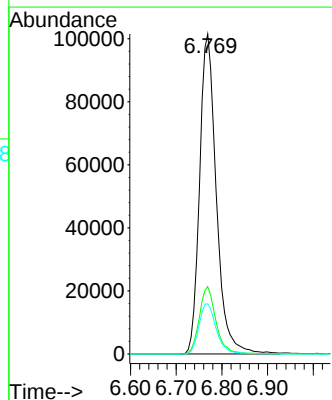
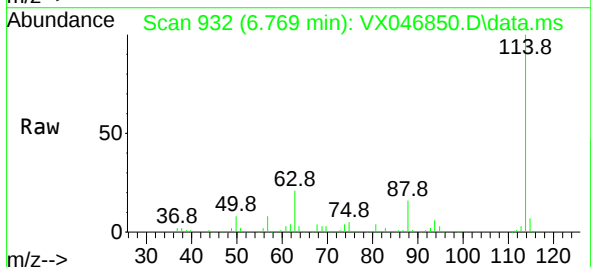
Instrument :
 MSVOA_X
 ClientSampleId :

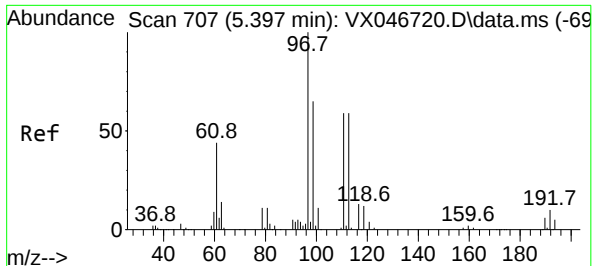
Tgt Ion: 65 Resp: 105776
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX046850.D
 Acq: 01 Jul 2025 11:23

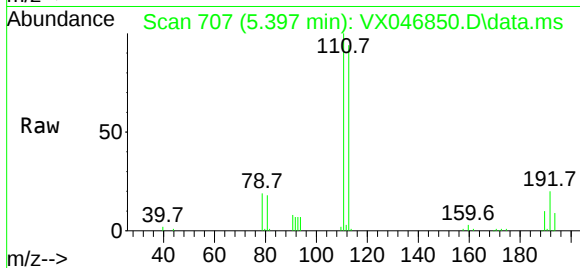
Tgt Ion: 114 Resp: 258078
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 44.2
 88 15.7 0.0 33.2



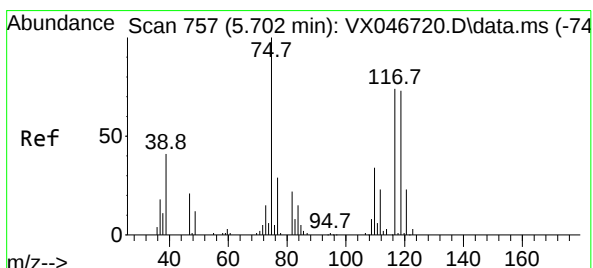
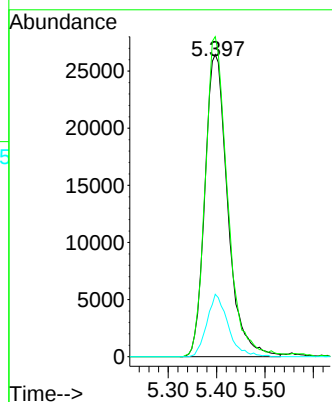
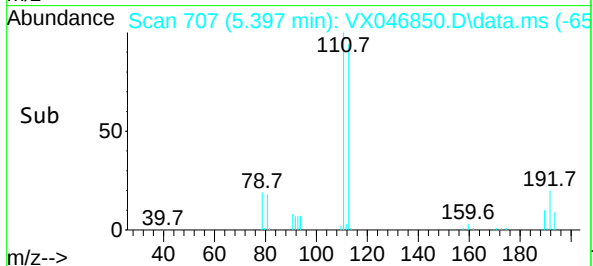


#35
Dibromofluoromethane
Concen: 50.851 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

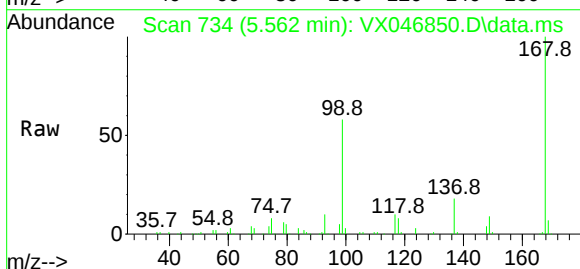
Instrument :
MSVOA_X
ClientSampleId :



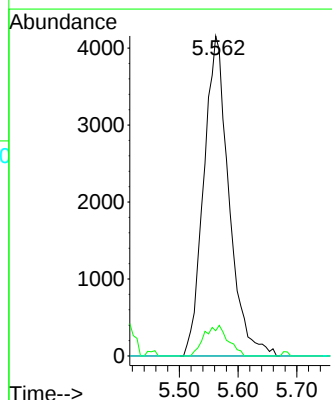
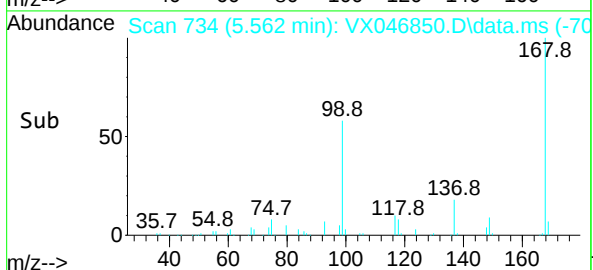
Tgt Ion:113 Resp: 86830
Ion Ratio Lower Upper
113 100
111 103.8 82.0 123.0
192 19.2 15.3 22.9

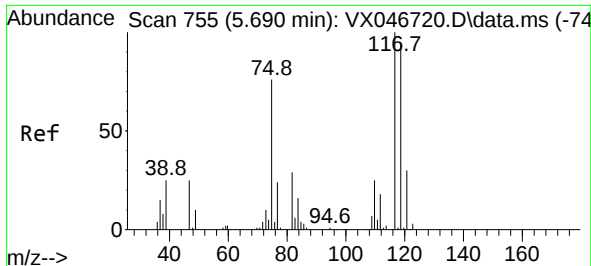


#36
1,1-Dichloropropene
Concen: 5.023 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23



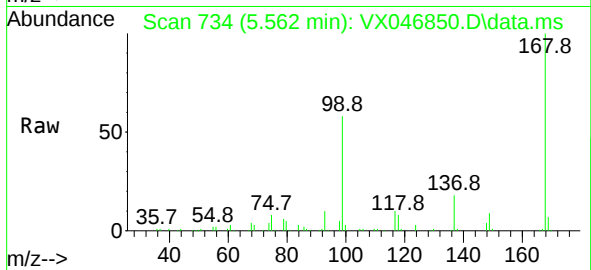
Tgt Ion: 75 Resp: 12380
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.5#
77 0.0 24.2 36.4#



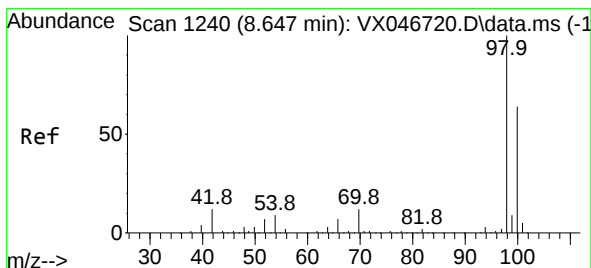
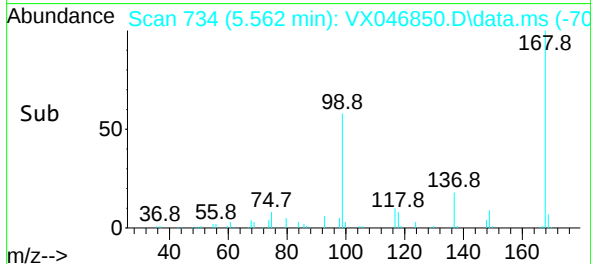
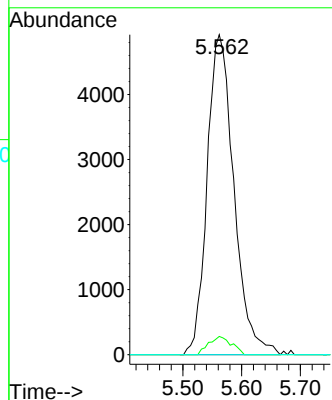


#38
Carbon Tetrachloride
Concen: 5.816 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

Instrument :
MSVOA_X
ClientSampleId :

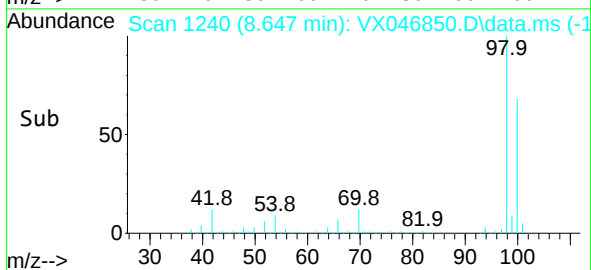
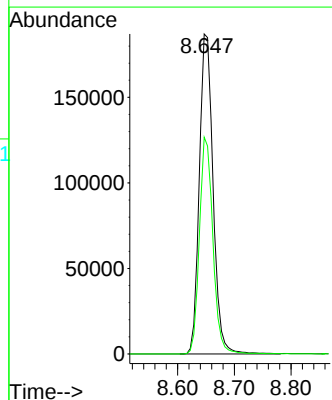
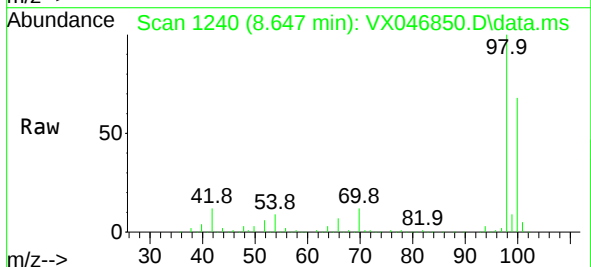


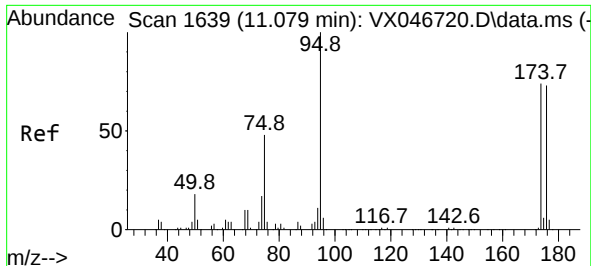
Tgt Ion:117 Resp: 15559
Ion Ratio Lower Upper
117 100
119 5.7 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 51.473 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

Tgt Ion: 98 Resp: 315776
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 52.737 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046850.D

Acq: 01 Jul 2025 11:23

Instrument :

MSVOA_X

ClientSampleId :

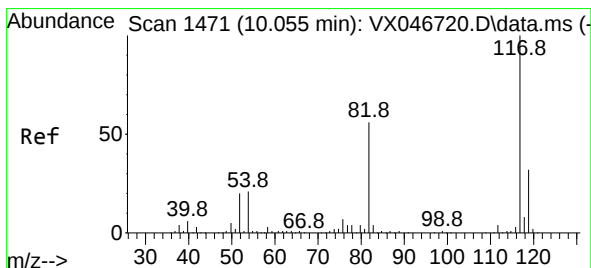
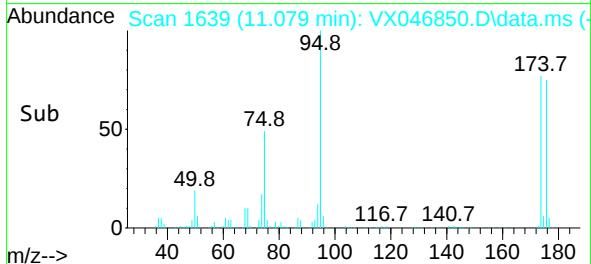
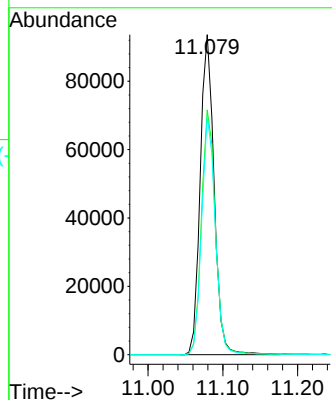
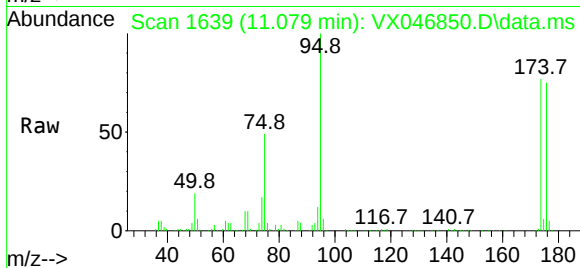
Tgt Ion: 95 Resp: 120601

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.4

176 73.8 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: VX046850.D

Acq: 01 Jul 2025 11:23

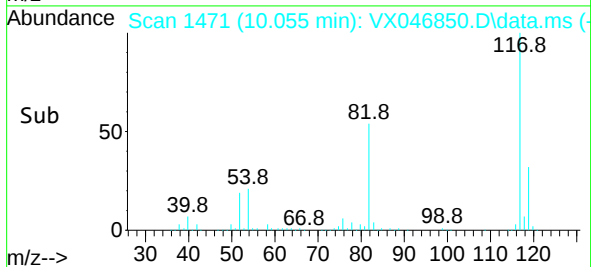
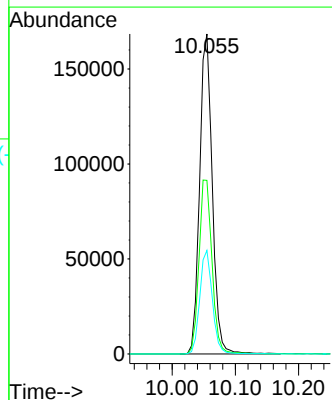
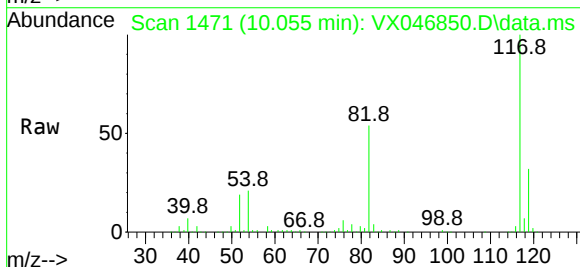
Tgt Ion: 117 Resp: 234841

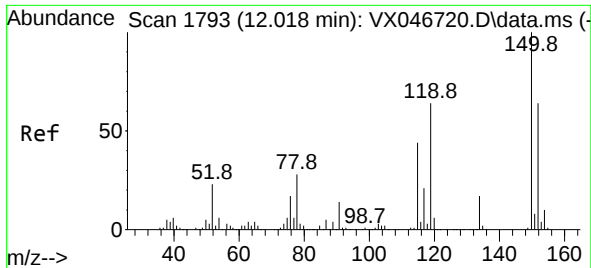
Ion Ratio Lower Upper

117 100

82 54.2 44.6 66.8

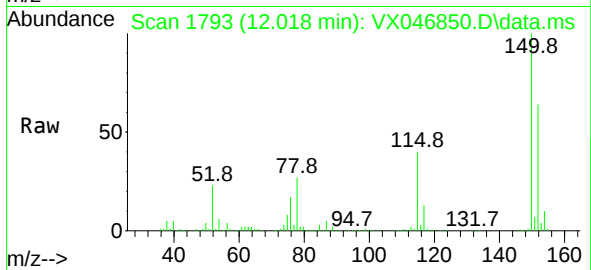
119 32.4 25.8 38.8



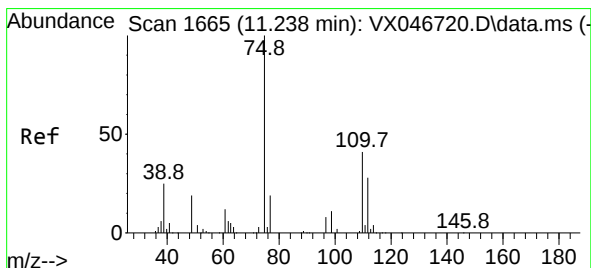
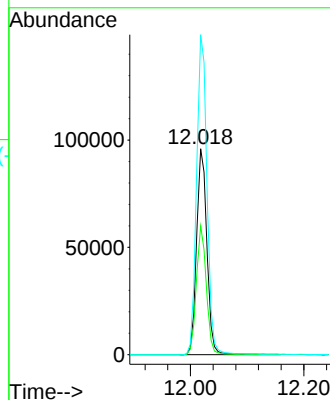
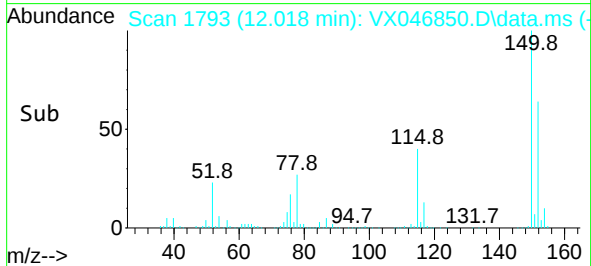


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

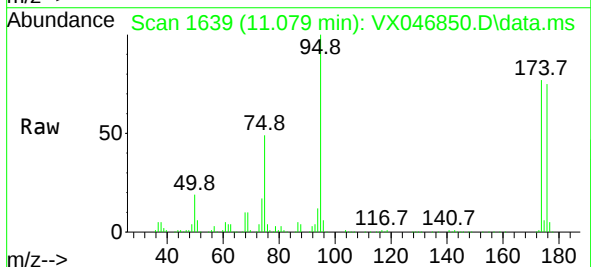
Instrument :
MSVOA_X
ClientSampleId :



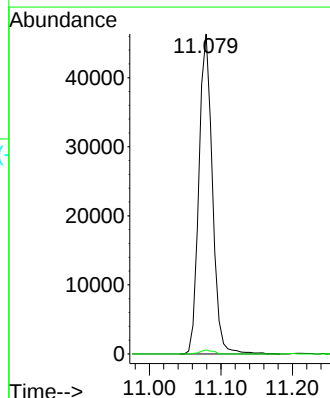
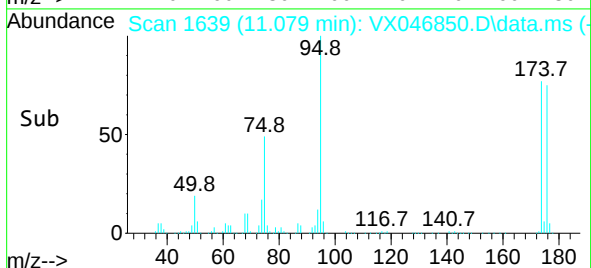
Tgt Ion:152 Resp: 121368
Ion Ratio Lower Upper
152 100
115 60.3 43.2 129.6
150 156.5 0.0 346.8

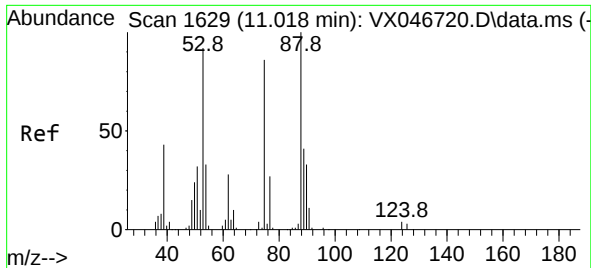


#76
1,2,3-Trichloropropane
Concen: 27.253 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23



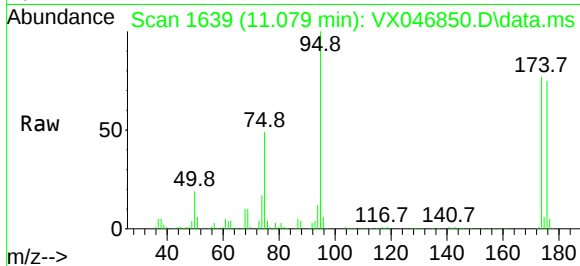
Tgt Ion: 75 Resp: 60580
Ion Ratio Lower Upper
75 100
77 1.2 18.5 55.5#



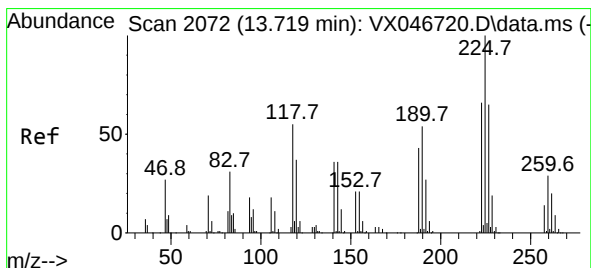
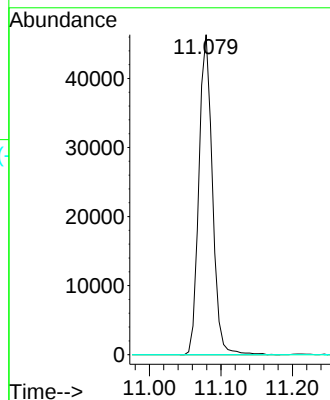
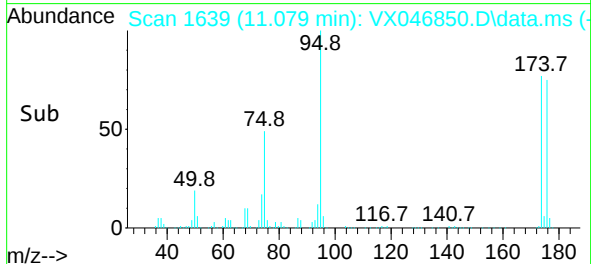


#81
trans-1,4-Dichloro-2-butene
Concen: 77.033 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23

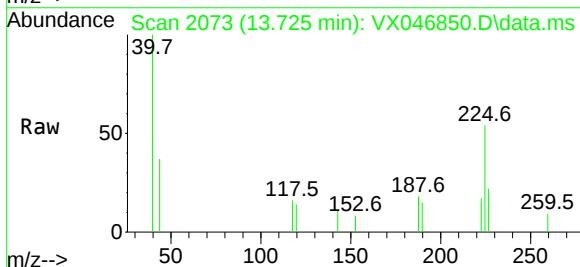
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 60580
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.254 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046850.D
Acq: 01 Jul 2025 11:23



Tgt Ion: 225 Resp: 298
Ion Ratio Lower Upper
225 100
223 48.3 32.5 97.5
227 53.4 32.2 96.6

