

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
 Data File : VX046846.D
 Acq On : 01 Jul 2025 09:41
 Operator : JC/MD
 Sample : VX0701WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 02 01:38:50 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)

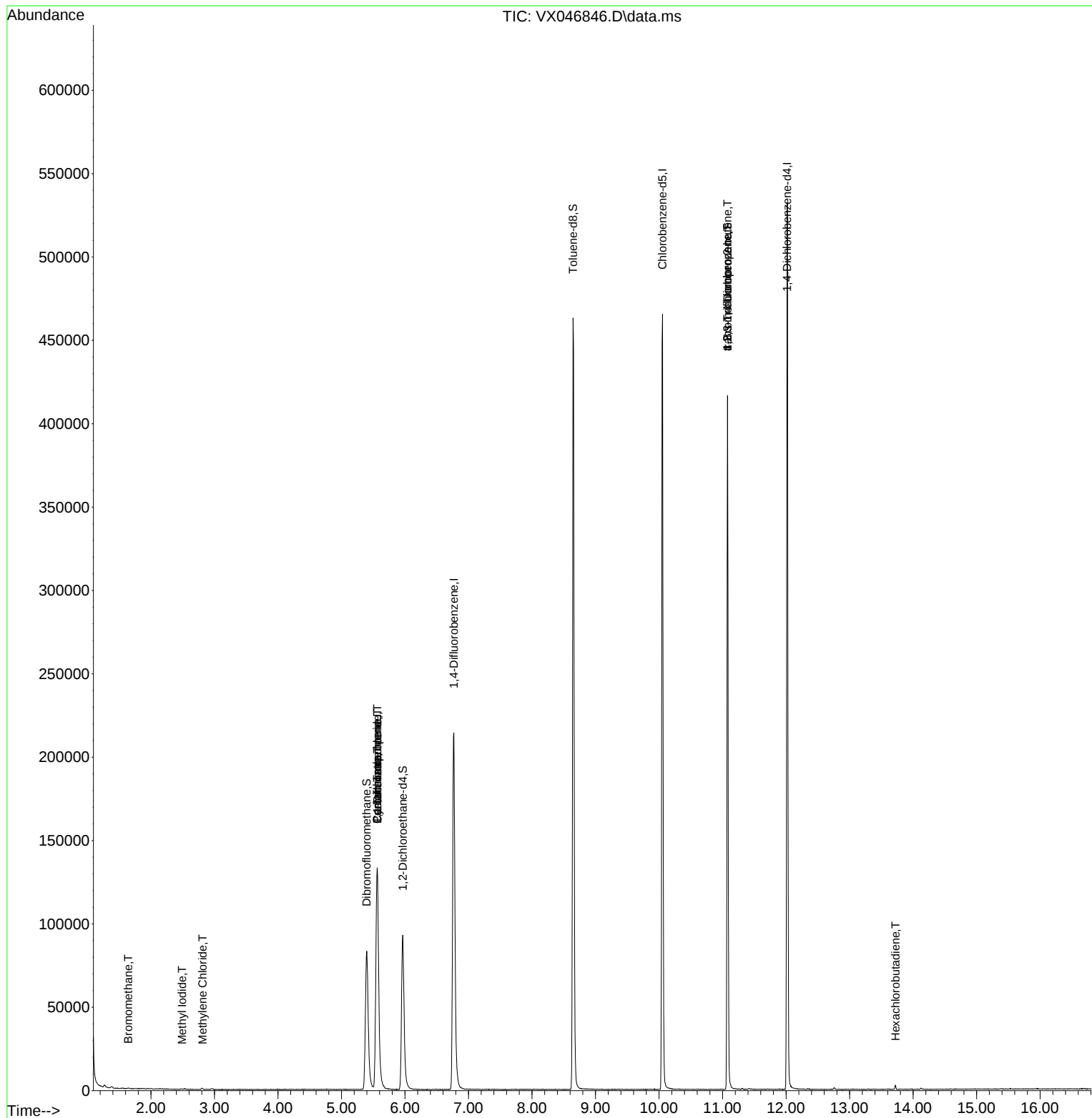
Internal Standards						
1) Pentafluorobenzene	5.562	168	140918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	112050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96904	49.716	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.440%		
35) Dibromofluoromethane	5.397	113	80899	51.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.260%		
50) Toluene-d8	8.647	98	286964	50.481	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.960%		
62) 4-Bromofluorobenzene	11.079	95	110590	52.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.380%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	376	0.386	ug/l	84
10) Methyl Iodide	2.489	142	528	4.572	ug/l #	73
20) Methylene Chloride	2.812	84	394	0.218	ug/l #	67
31) Cyclohexane	5.562	56	2910	0.997	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11260	4.930	ug/l #	48
38) Carbon Tetrachloride	5.562	117	14421	5.818	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	55111	26.854	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.079	75	55111	75.906	ug/l #	7
94) Hexachlorobutadiene	13.725	225	391	0.361	ug/l	95

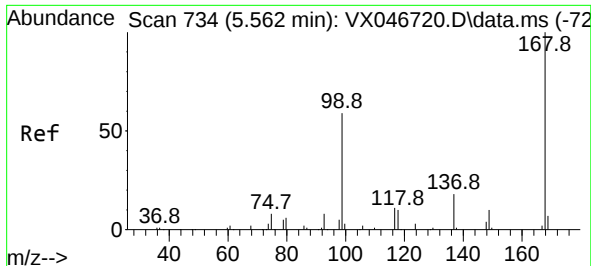
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
Data File : VX046846.D
Acq On : 01 Jul 2025 09:41
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

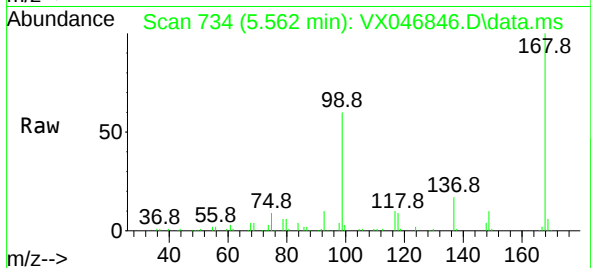
Quant Time: Jul 02 01:38:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



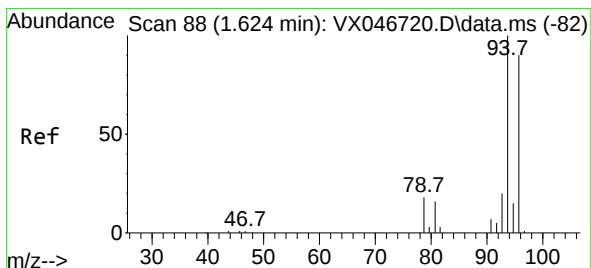
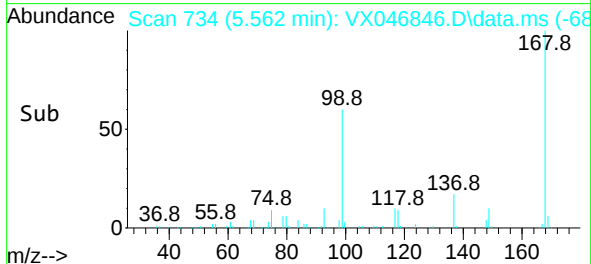
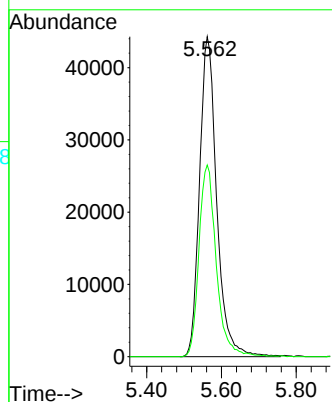


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

Instrument :
MSVOA_X
ClientSampleId :

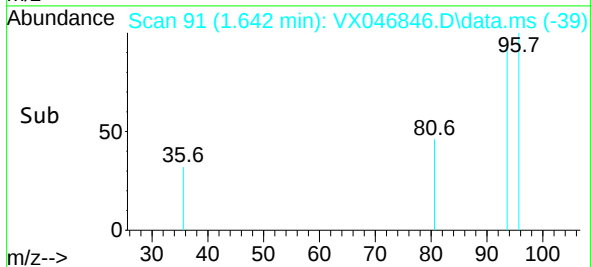
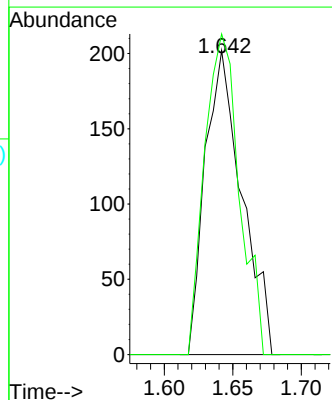
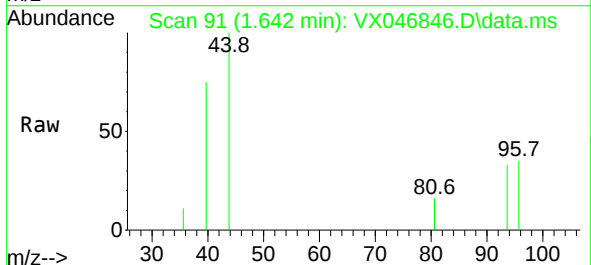


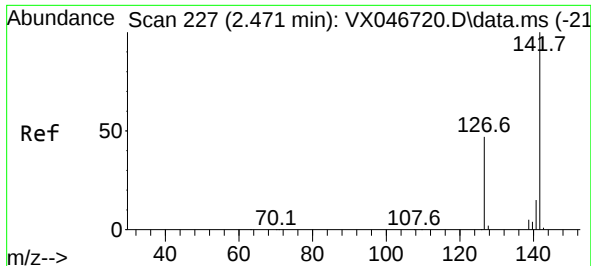
Tgt Ion:168 Resp: 140918
Ion Ratio Lower Upper
168 100
99 59.9 48.5 72.7



#5
Bromomethane
Concen: 0.386 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

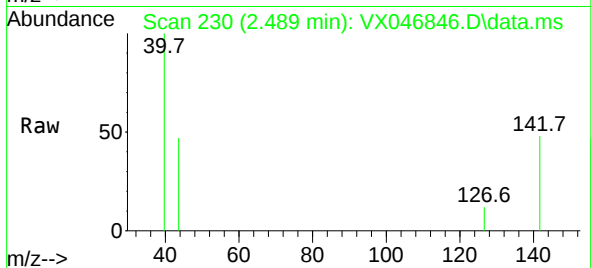
Tgt Ion: 94 Resp: 376
Ion Ratio Lower Upper
94 100
96 105.4 72.3 108.5



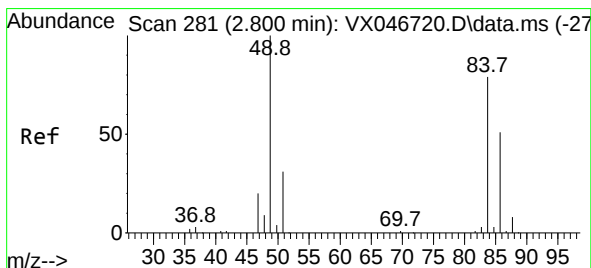
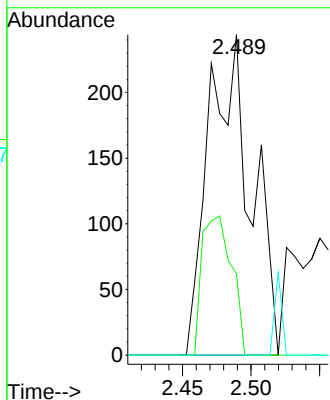
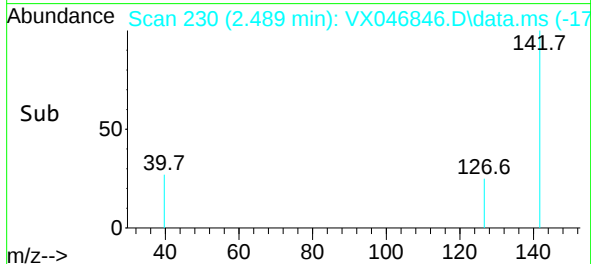


#10
Methyl Iodide
Concen: 4.572 ug/l
RT: 2.489 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

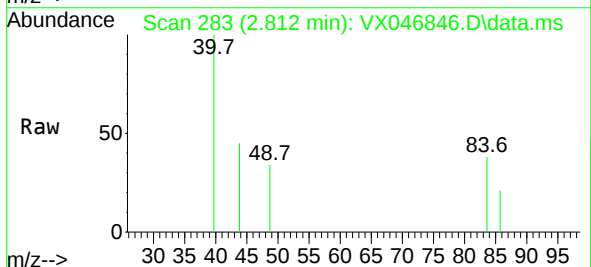
Instrument :
MSVOA_X
ClientSampleId :



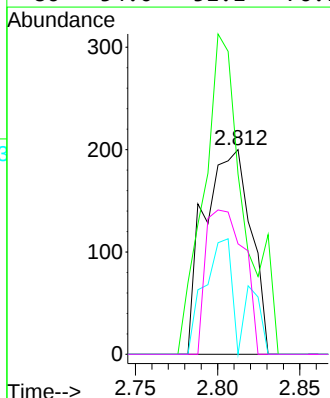
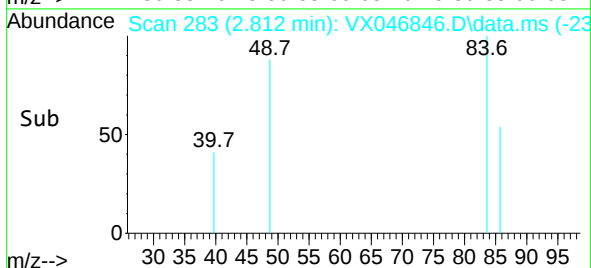
Tgt Ion:142 Resp: 528
Ion Ratio Lower Upper
142 100
127 30.1 37.0 55.6#
141 0.0 11.5 17.3#

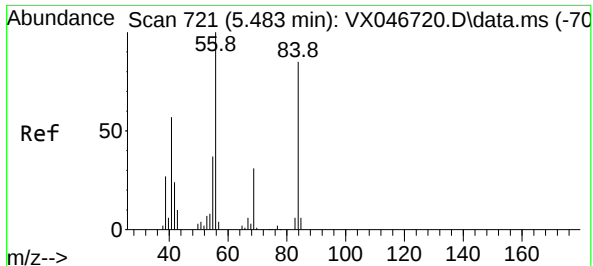


#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.812 min Scan# 283
Delta R.T. 0.012 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41



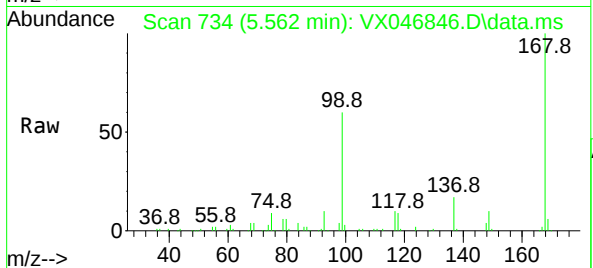
Tgt Ion: 84 Resp: 394
Ion Ratio Lower Upper
84 100
49 88.0 101.3 151.9#
51 0.0 31.0 46.6#
86 54.0 51.1 76.7



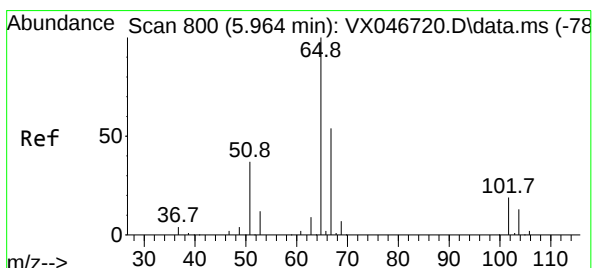
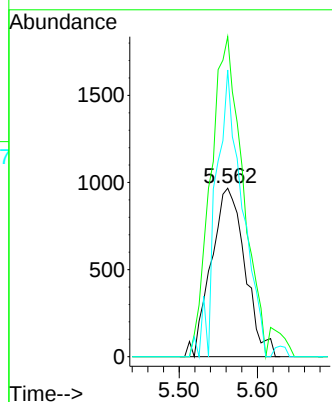
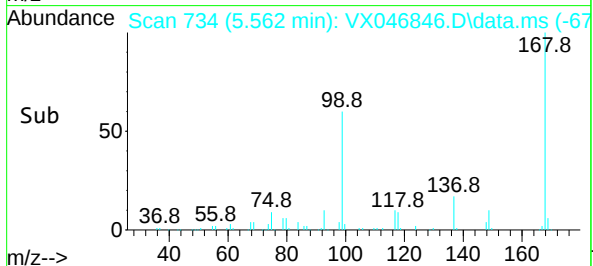


#31
Cyclohexane
Concen: 0.997 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

Instrument :
MSVOA_X
ClientSampleId :

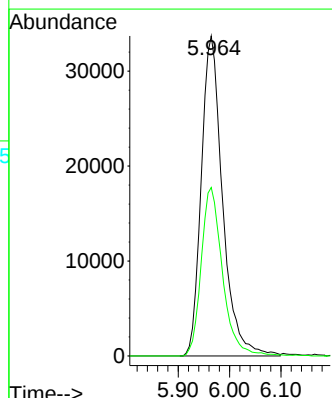
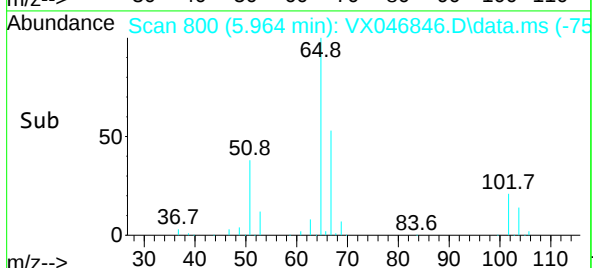
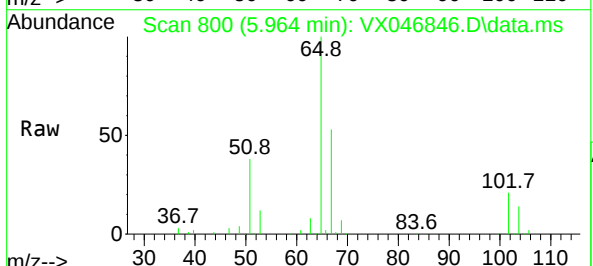


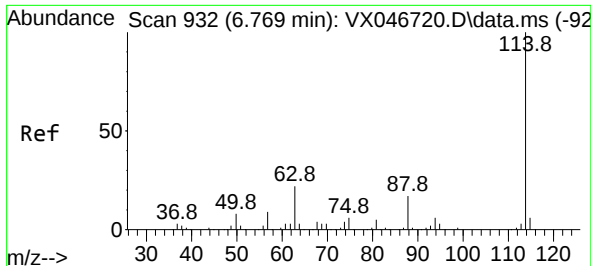
Tgt Ion: 56 Resp: 2910
Ion Ratio Lower Upper
56 100
69 190.0 24.8 37.2#
84 170.2 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 49.716 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

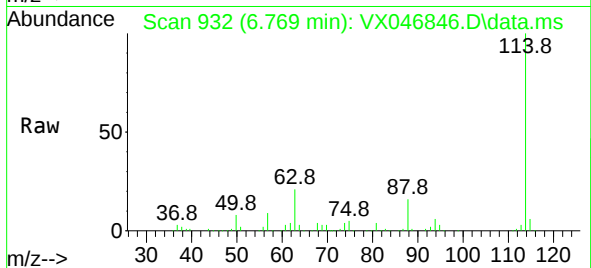
Tgt Ion: 65 Resp: 96904
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4



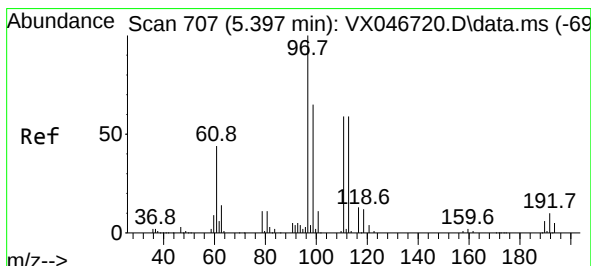
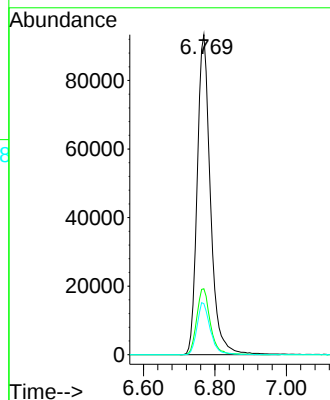
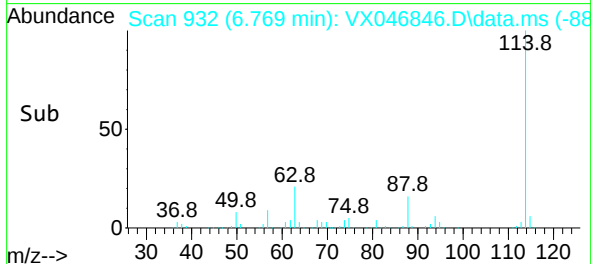


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

Instrument :
MSVOA_X
ClientSampleId :

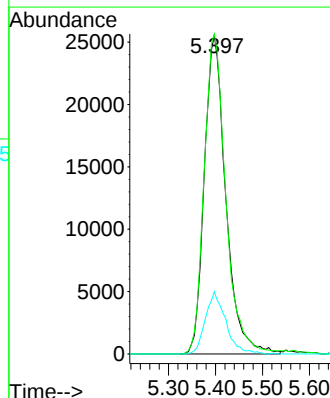
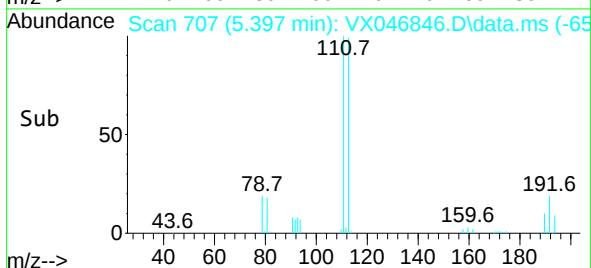
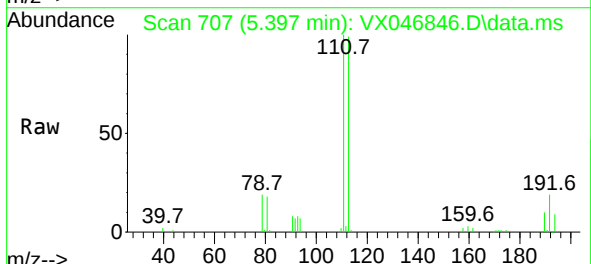


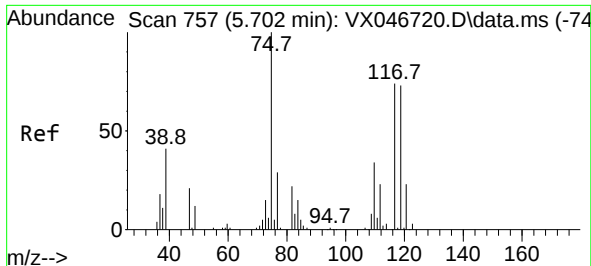
Tgt Ion:114 Resp: 239139
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.130 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

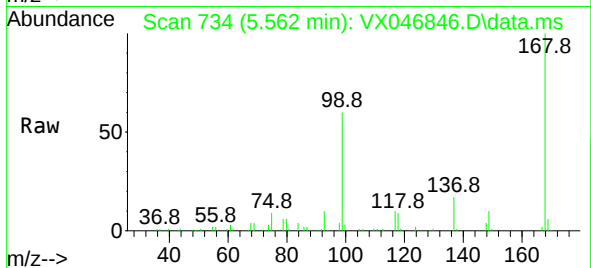
Tgt Ion:113 Resp: 80899
Ion Ratio Lower Upper
113 100
111 101.2 82.0 123.0
192 18.6 15.3 22.9



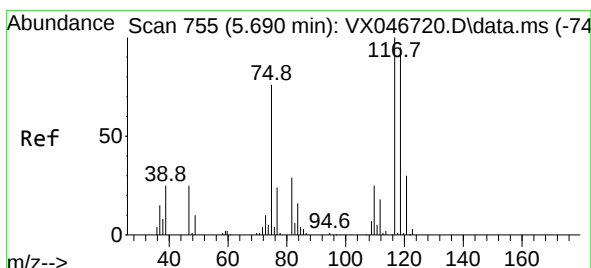
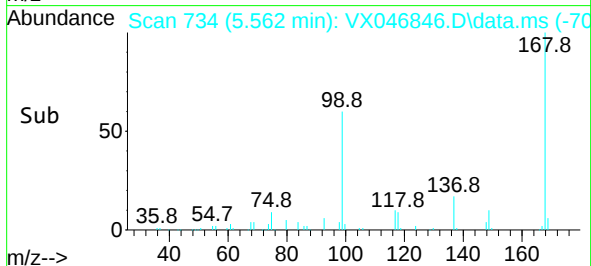
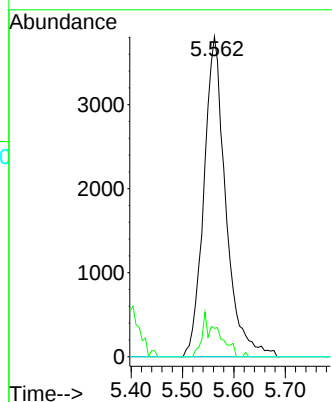


#36
1,1-Dichloropropene
Concen: 4.930 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

Instrument :
MSVOA_X
ClientSampleId :

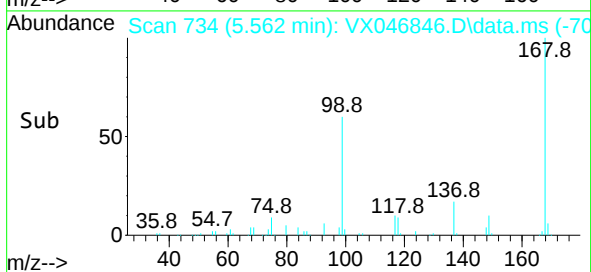
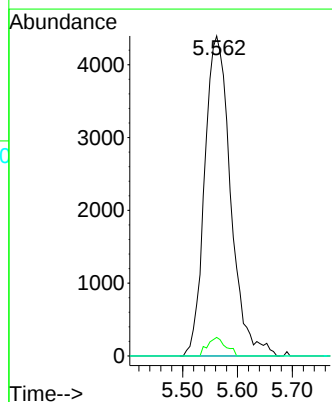
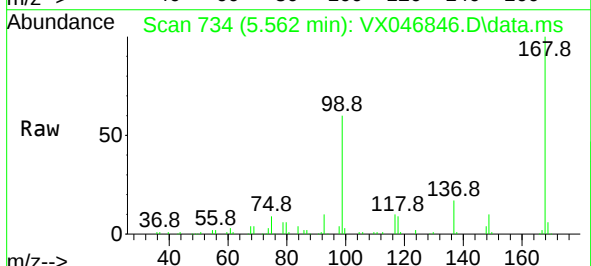


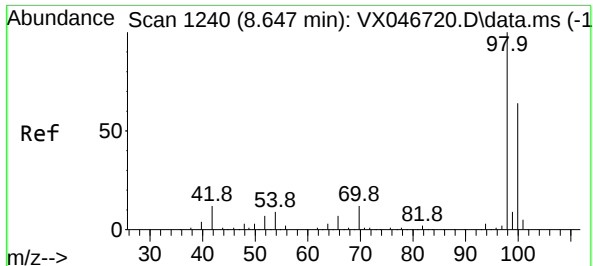
Tgt Ion: 75 Resp: 11260
Ion Ratio Lower Upper
75 100
110 6.0 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.818 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

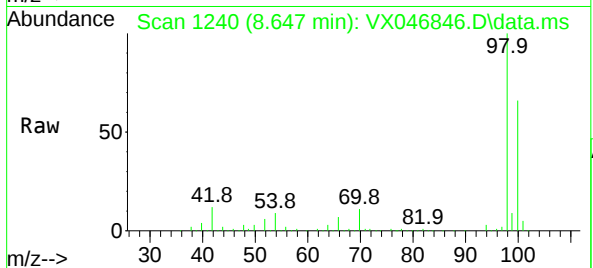
Tgt Ion: 117 Resp: 14421
Ion Ratio Lower Upper
117 100
119 5.8 75.2 112.8#
121 0.0 24.1 36.1#



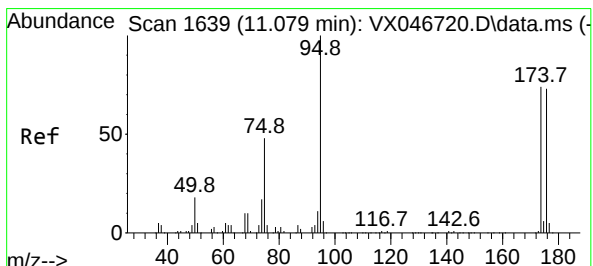
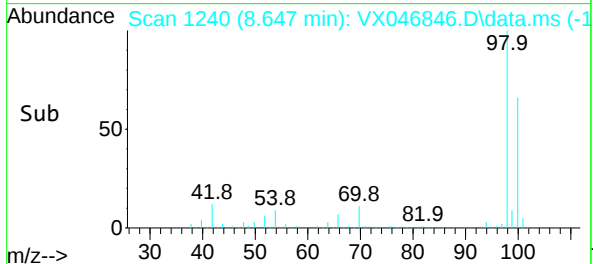
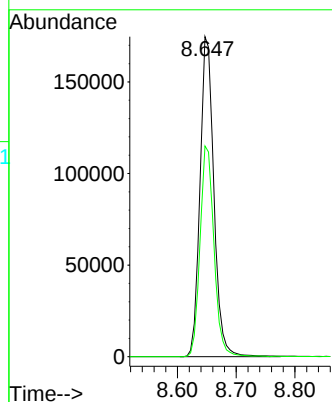


#50
Toluene-d8
Concen: 50.481 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

Instrument :
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ClientSampleId :

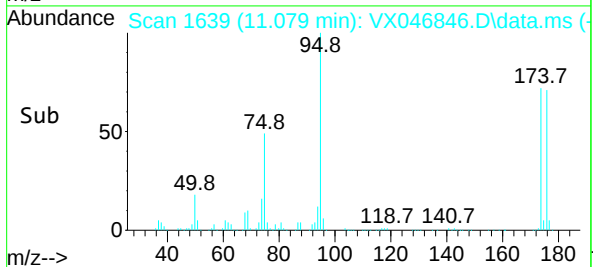
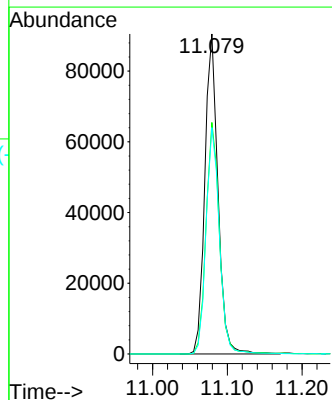
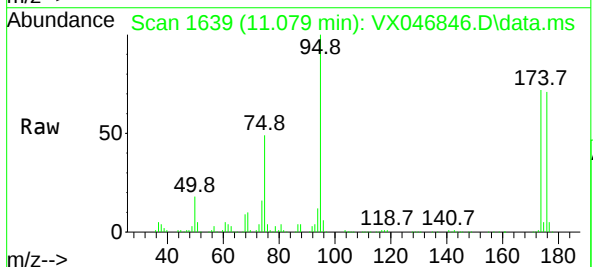


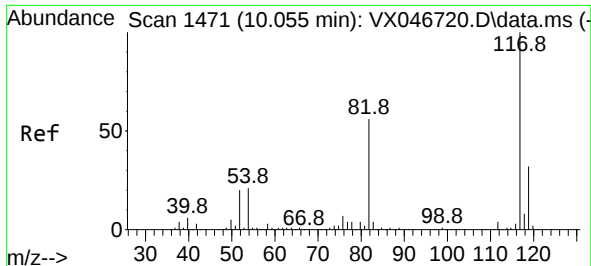
Tgt Ion: 98 Resp: 286964
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

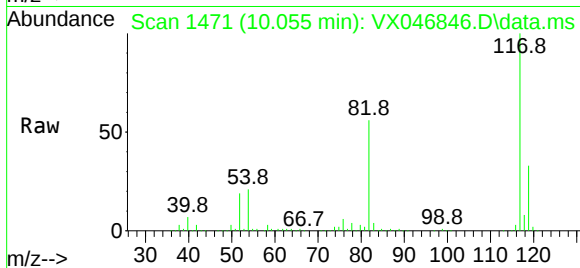
Tgt Ion: 95 Resp: 110590
Ion Ratio Lower Upper
95 100
174 73.6 0.0 150.4
176 71.8 0.0 145.0



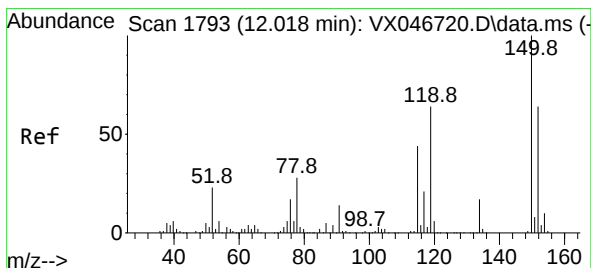
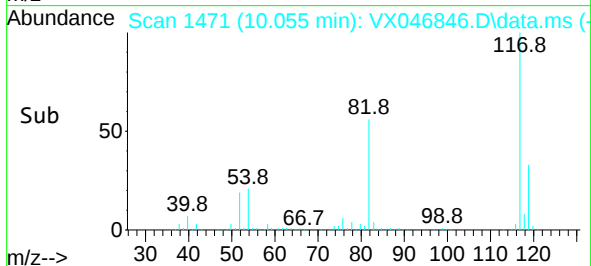
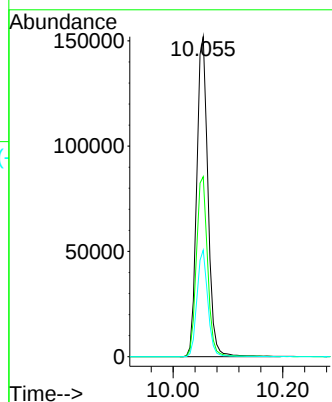


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

Instrument :
MSVOA_X
ClientSampleId :

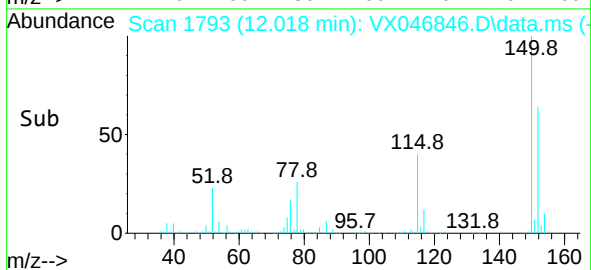
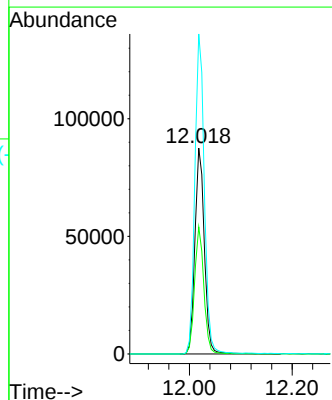
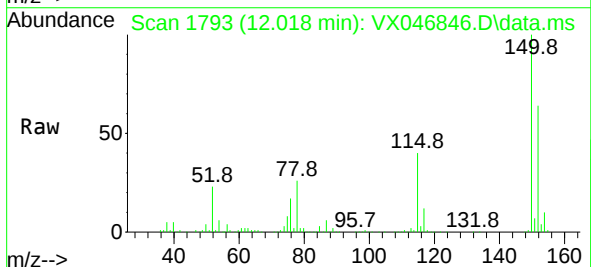


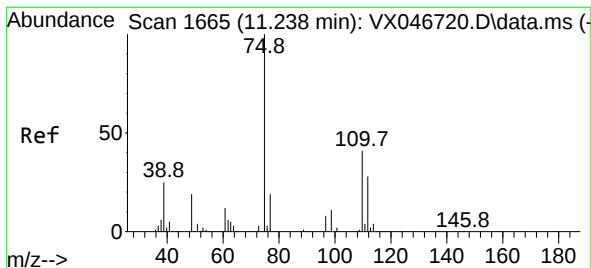
Tgt Ion:117 Resp: 216898
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 33.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046846.D
Acq: 01 Jul 2025 09:41

Tgt Ion:152 Resp: 112050
Ion Ratio Lower Upper
152 100
115 60.5 43.2 129.6
150 155.3 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 26.854 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX046846.D

Acq: 01 Jul 2025 09:41

Instrument :

MSVOA_X

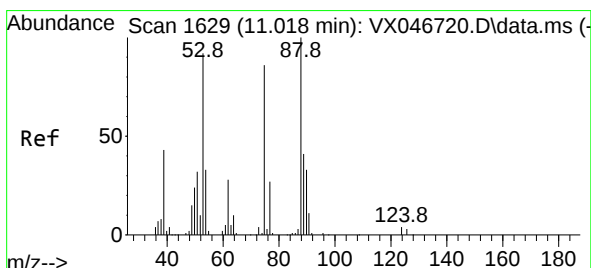
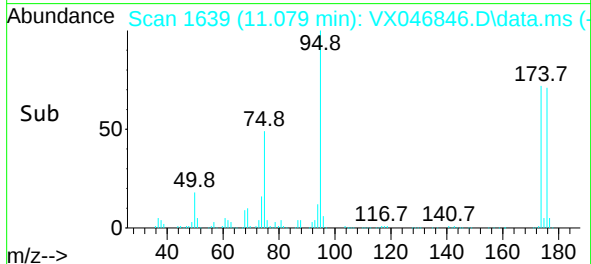
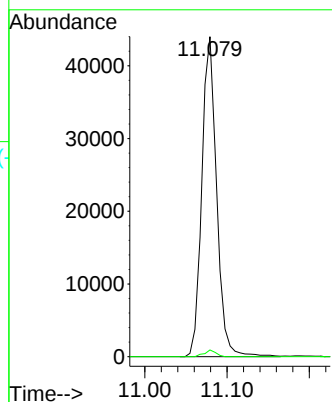
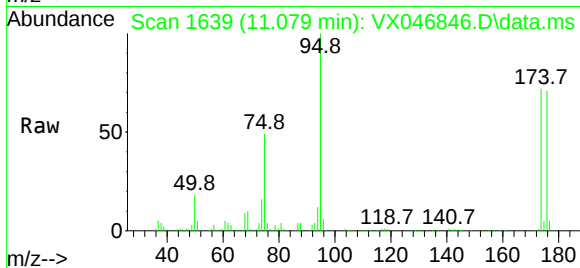
ClientSampleId :

Tgt Ion: 75 Resp: 55111

Ion Ratio Lower Upper

75 100

77 1.6 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.906 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046846.D

Acq: 01 Jul 2025 09:41

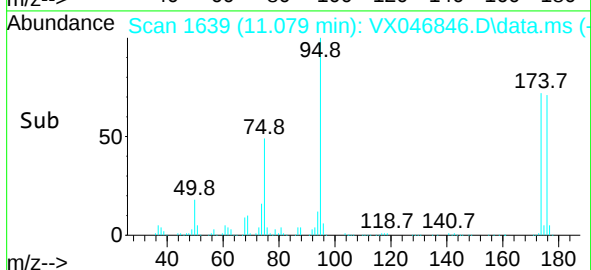
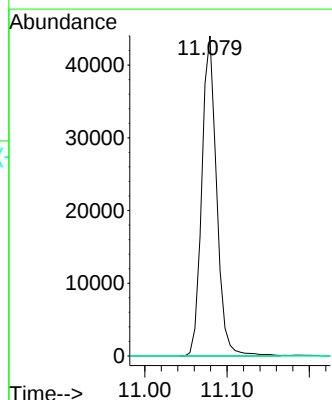
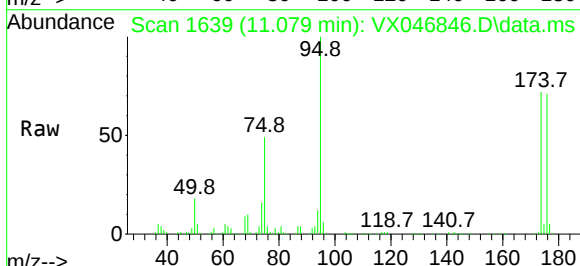
Tgt Ion: 75 Resp: 55111

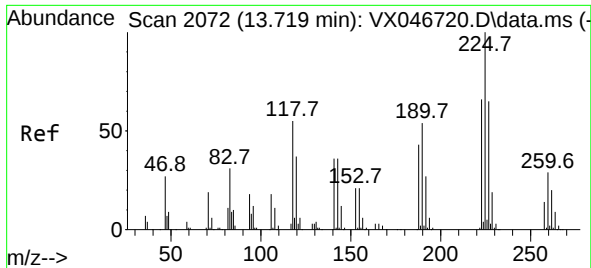
Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

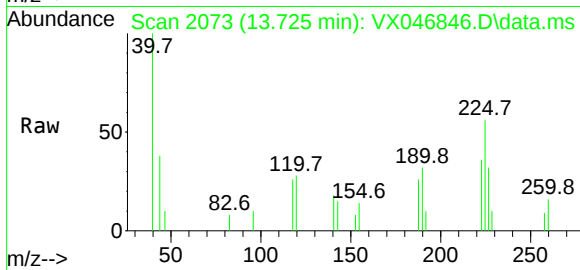
89 0.0 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.361 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX046846.D
 Acq: 01 Jul 2025 09:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	225	Resp:	391
Ion	Ratio	Lower	Upper
225	100		
223	66.5	32.5	97.5
227	70.6	32.2	96.6

