

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046734.D
 Acq On : 18 Jun 2025 12:12
 Operator : JC/MD
 Sample : Q2345-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20250616

Quant Time: Jun 19 01:22:25 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)

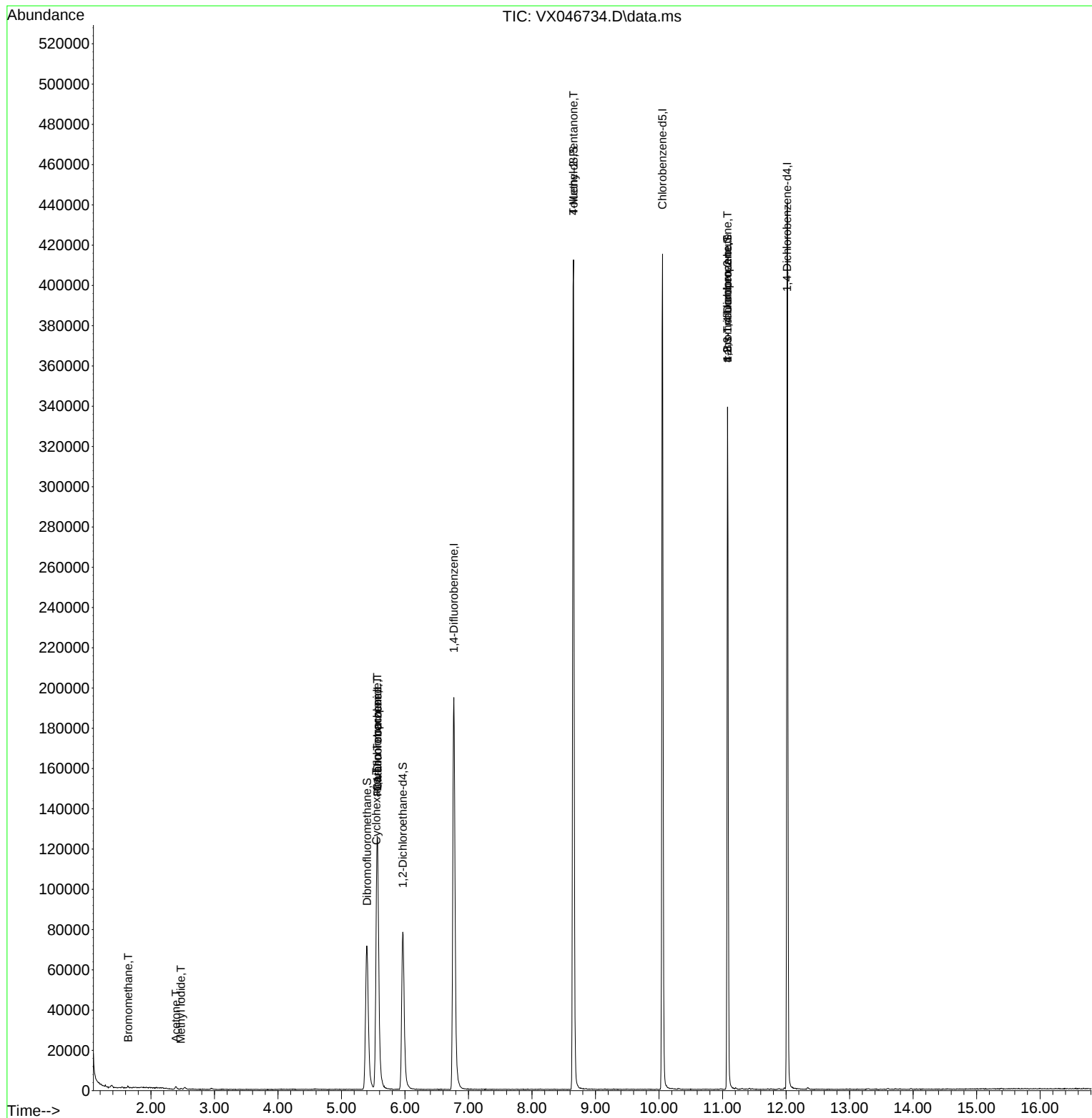
Internal Standards						
1) Pentafluorobenzene	5.568	168	131404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	213527	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84843	46.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.360%
35) Dibromofluoromethane	5.404	113	69329	49.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.140%
50) Toluene-d8	8.653	98	253743	49.991	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.980%
62) 4-Bromofluorobenzene	11.079	95	92685	48.986	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.980%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	370	0.407	ug/l #	69
10) Methyl Iodide	2.471	142	512	4.582	ug/l #	82
16) Acetone	2.392	43	1763	2.909	ug/l #	83
31) Cyclohexane	5.550	56	2862	1.052	ug/l #	26
36) 1,1-Dichloropropene	5.562	75	10623	5.209	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13757	6.216	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1127	0.641	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47647	29.424	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47647	83.169	ug/l #	7

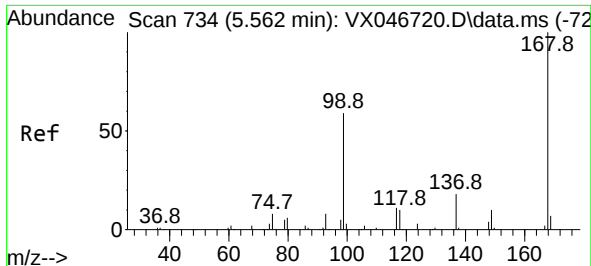
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
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Quant Title : SW846 8260
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Response via : Initial Calibration

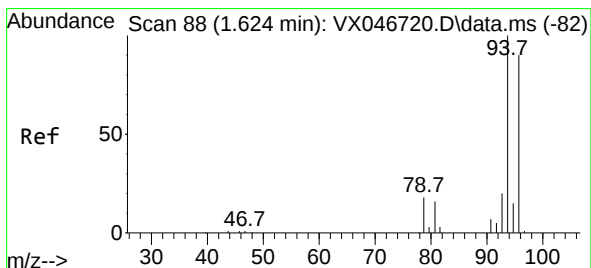
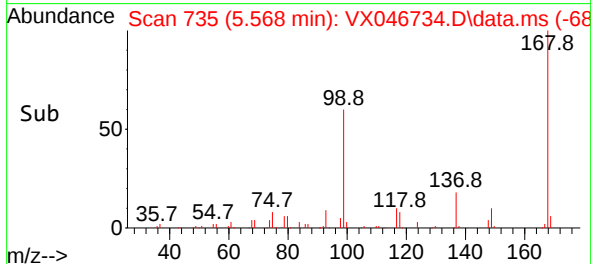
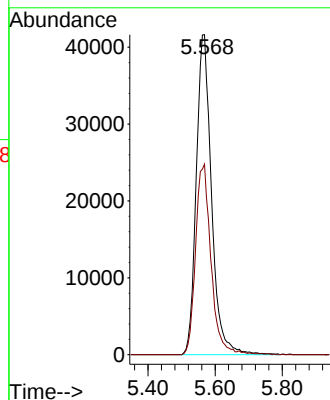
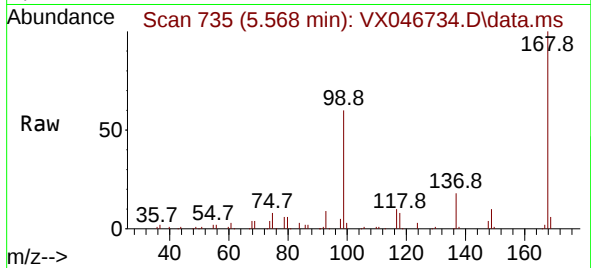




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

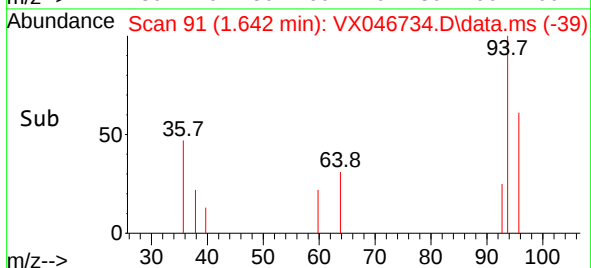
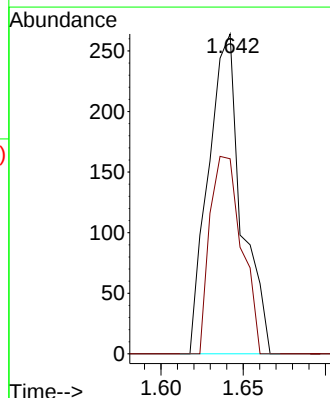
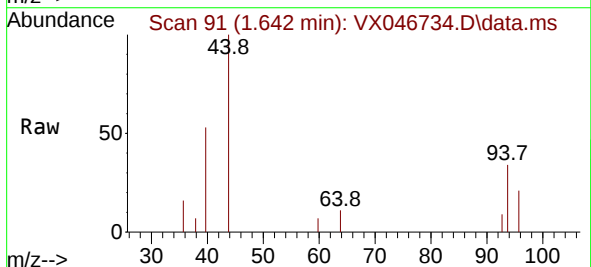
Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

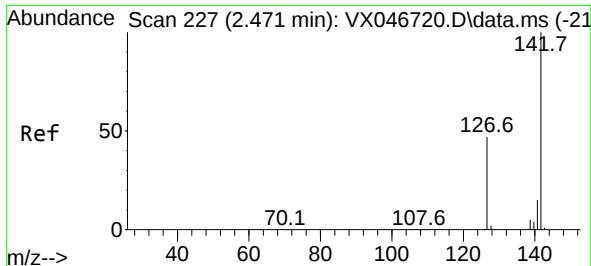
Tgt Ion:168 Resp: 131404
Ion Ratio Lower Upper
168 100
99 59.6 48.5 72.7



#5
Bromomethane
Concen: 0.407 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

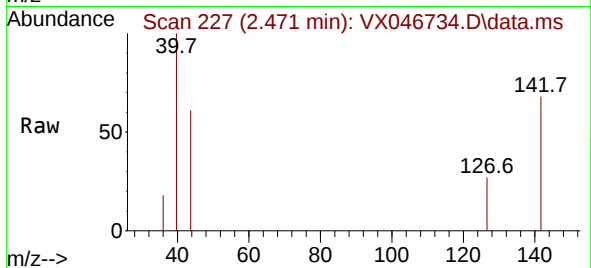
Tgt Ion: 94 Resp: 370
Ion Ratio Lower Upper
94 100
96 61.0 72.3 108.5#



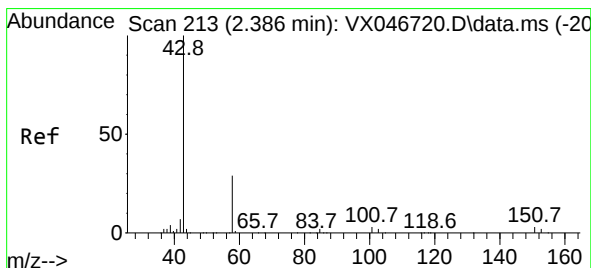
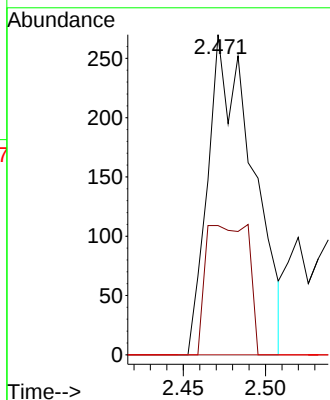
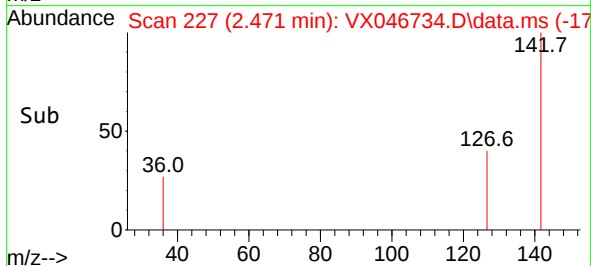


#10
Methyl Iodide
Concen: 4.582 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

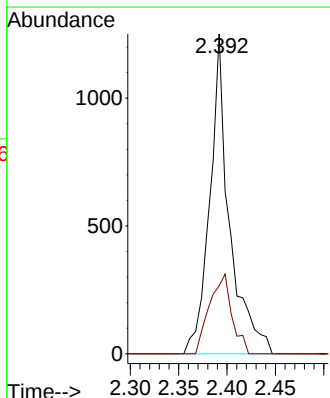
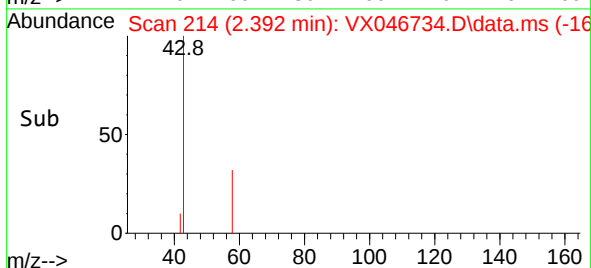
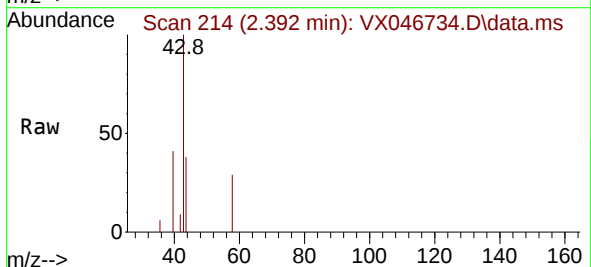


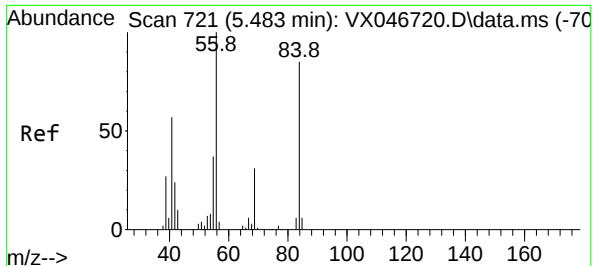
Tgt Ion:142 Resp: 512
Ion Ratio Lower Upper
142 100
127 38.3 37.0 55.6
141 0.0 11.5 17.3#



#16
Acetone
Concen: 2.909 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

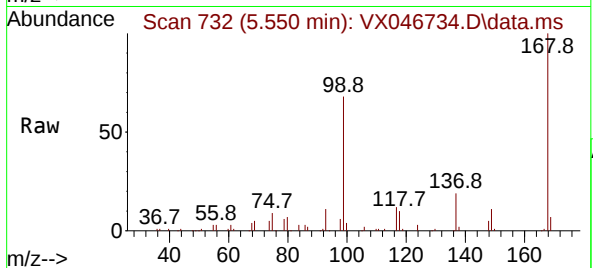
Tgt Ion: 43 Resp: 1763
Ion Ratio Lower Upper
43 100
58 21.3 24.5 36.7#



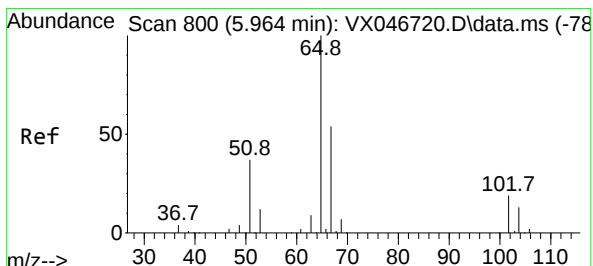
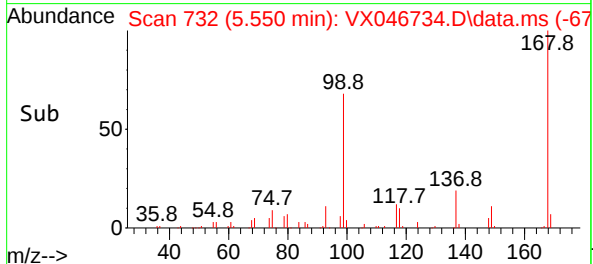
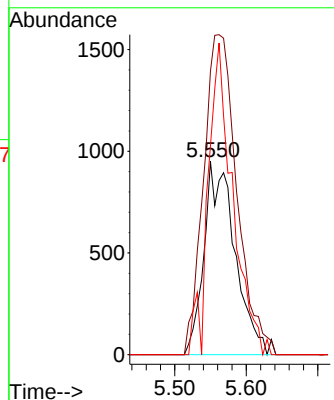


#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

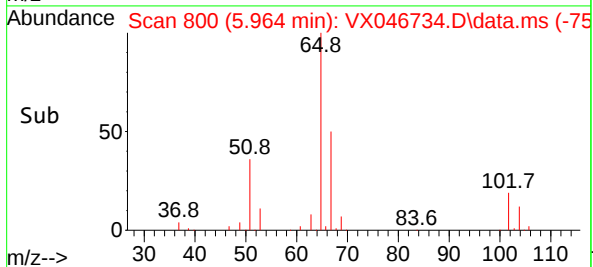
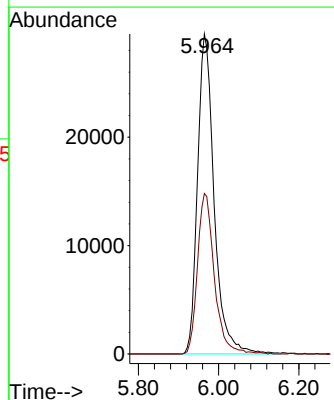
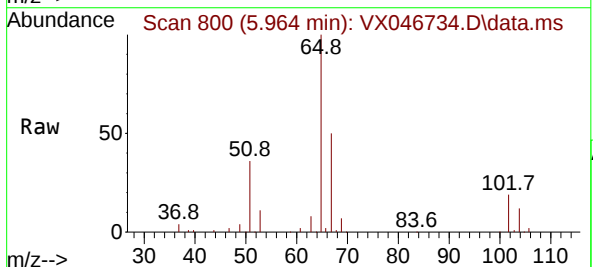


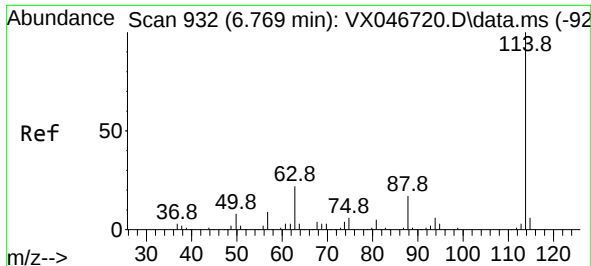
Tgt Ion: 56 Resp: 2862
Ion Ratio Lower Upper
56 100
69 146.6 24.8 37.2#
84 108.0 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 46.680 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion: 65 Resp: 84843
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

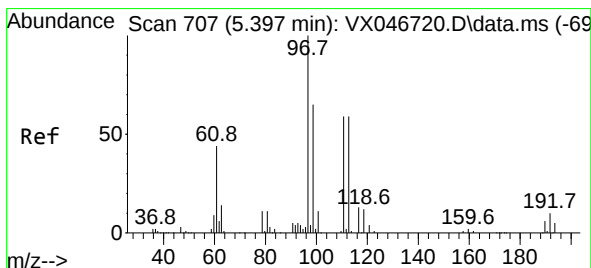
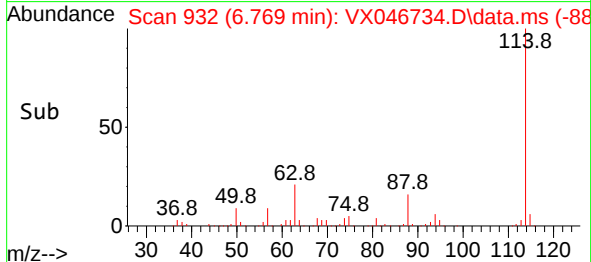
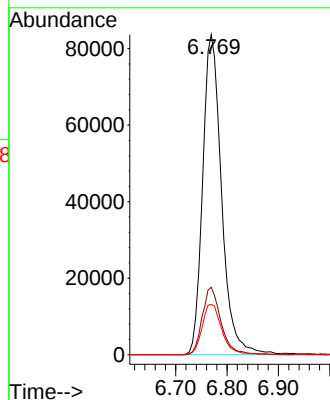
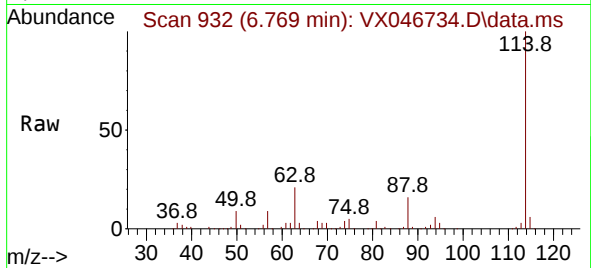




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

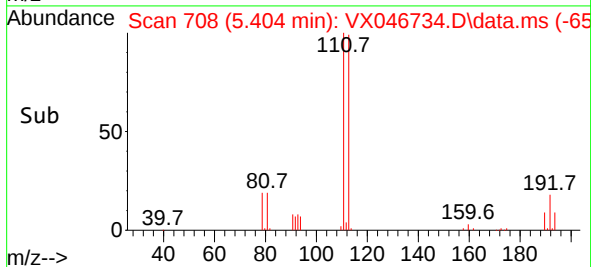
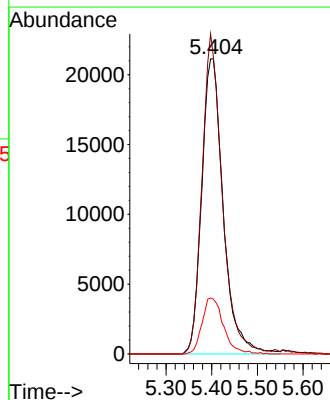
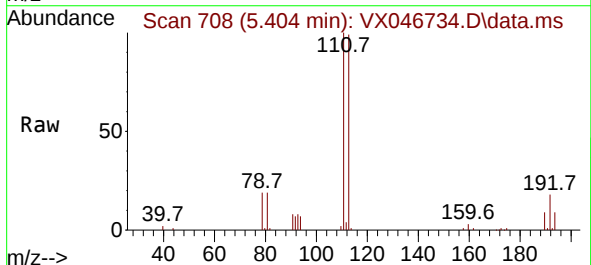
Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

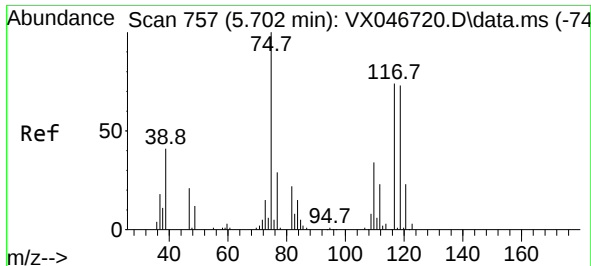
Tgt Ion:114 Resp: 213527
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.2
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.073 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion:113 Resp: 69329
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 18.9 15.3 22.9

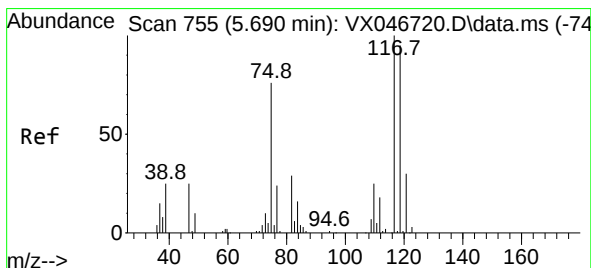
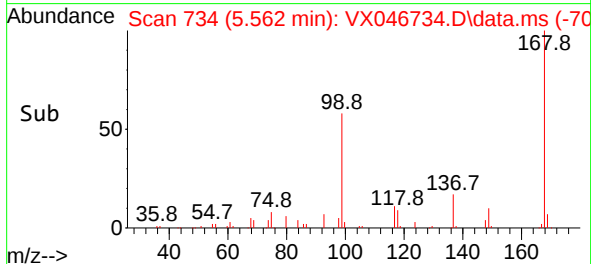
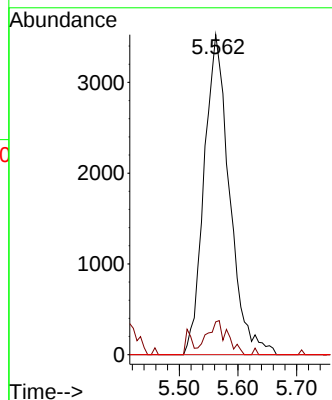
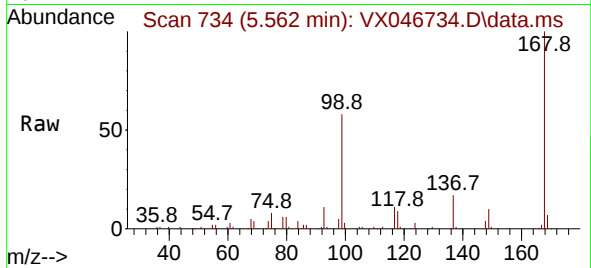




#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

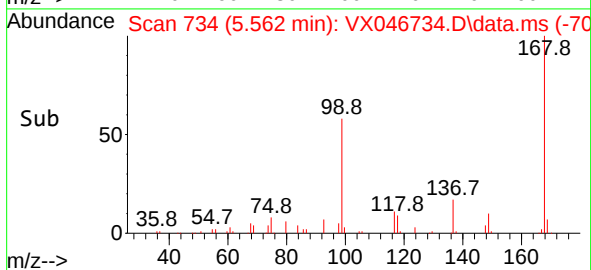
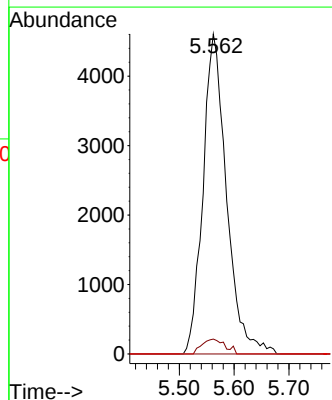
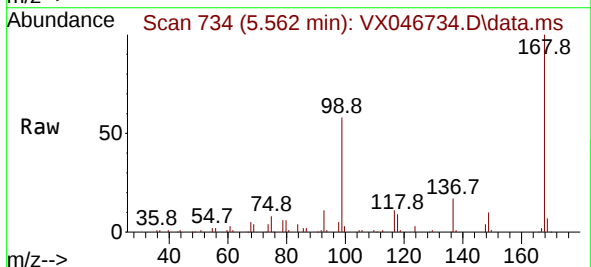
Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

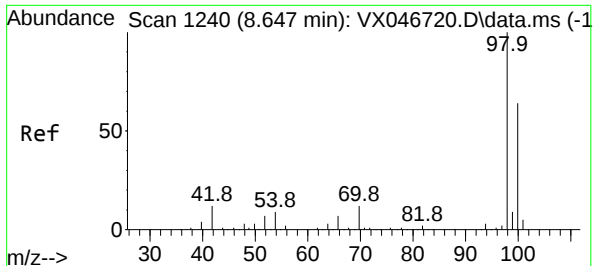
Tgt Ion: 75 Resp: 10623
Ion Ratio Lower Upper
75 100
110 8.3 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.216 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion: 117 Resp: 13757
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 24.1 36.1#

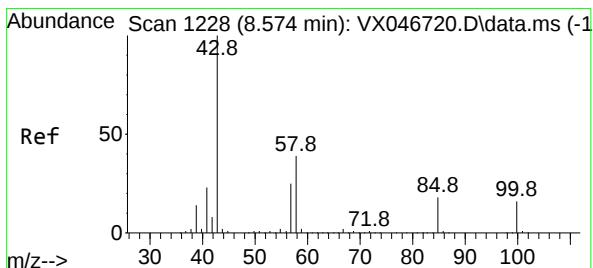
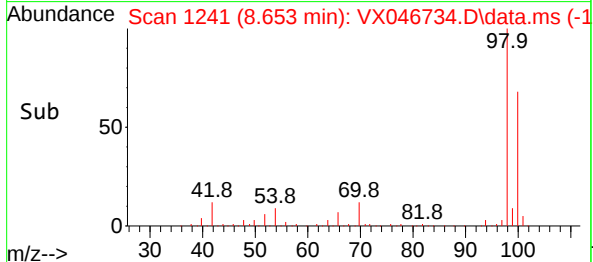
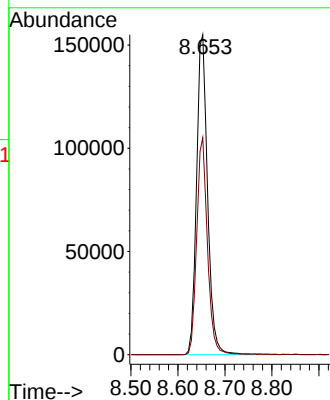
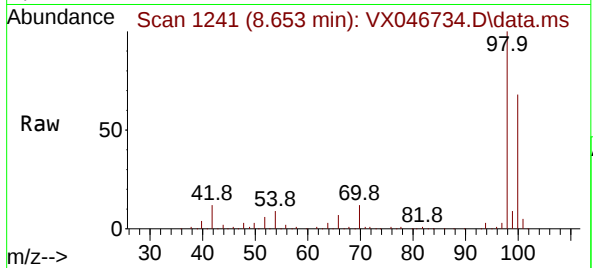




#50
Toluene-d8
Concen: 49.991 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

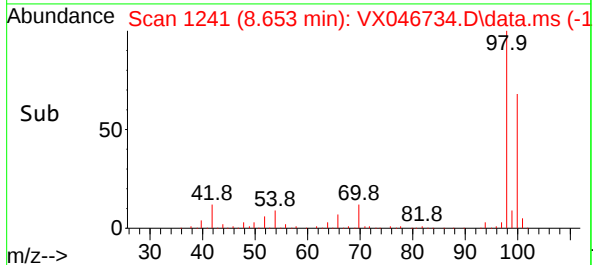
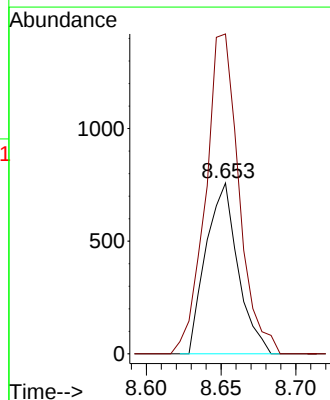
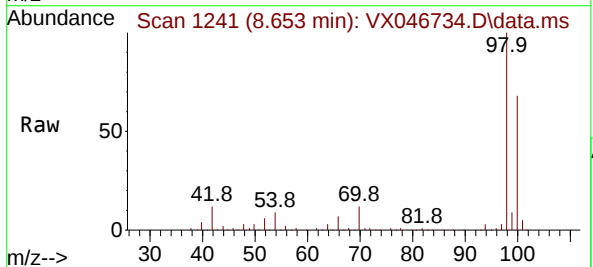
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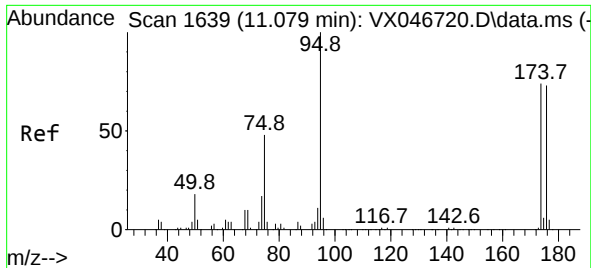
Tgt Ion: 98 Resp: 253743
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.641 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
58 196.0 30.8 46.2#

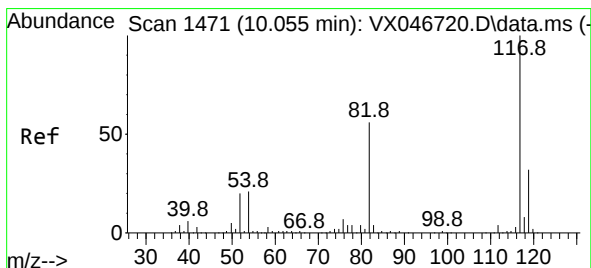
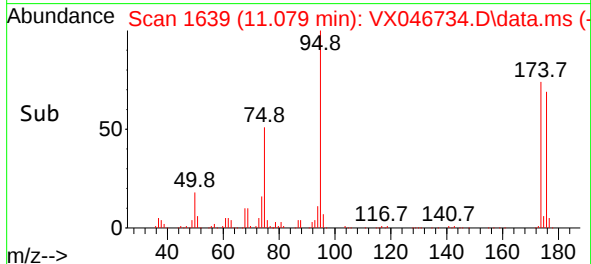
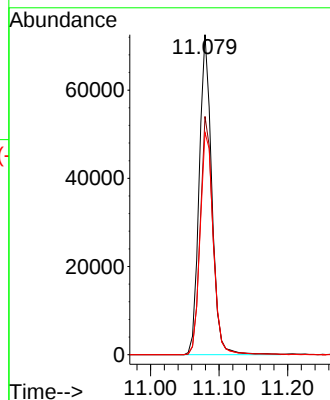
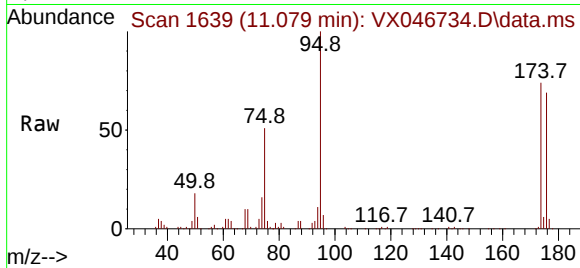




#62
4-Bromofluorobenzene
Concen: 48.986 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

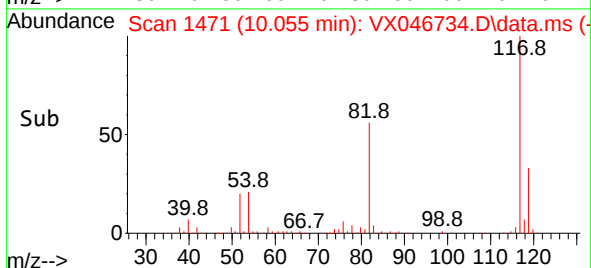
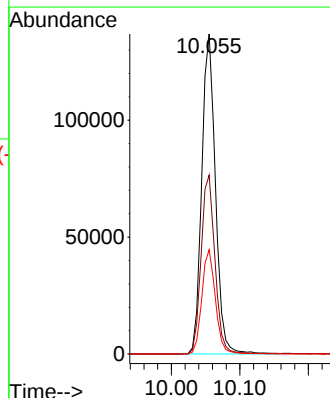
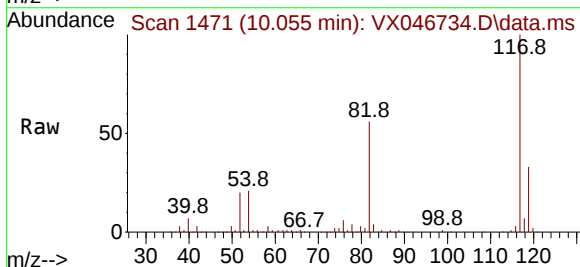
Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

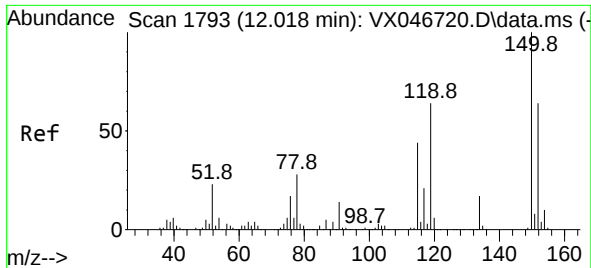
Tgt Ion: 95 Resp: 92685
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.4
176 73.1 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion: 117 Resp: 190496
Ion Ratio Lower Upper
117 100
82 55.9 44.6 66.8
119 32.6 25.8 38.8

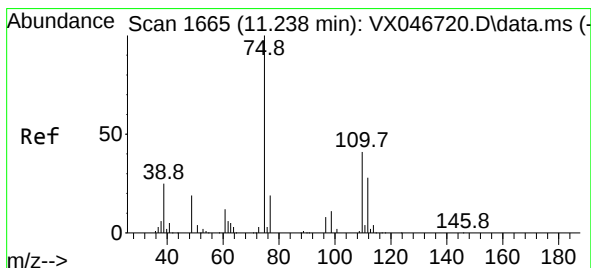
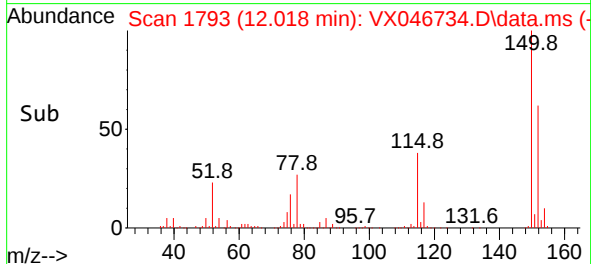
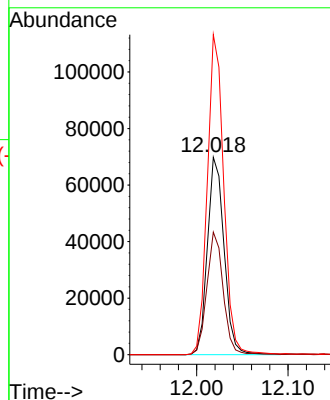
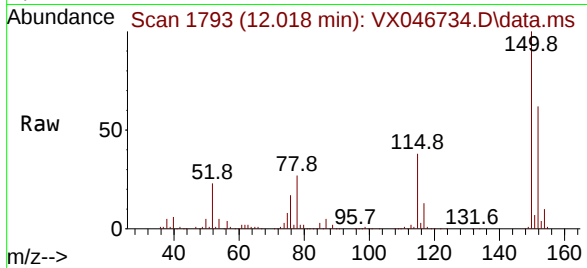




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046734.D
 Acq: 18 Jun 2025 12:12

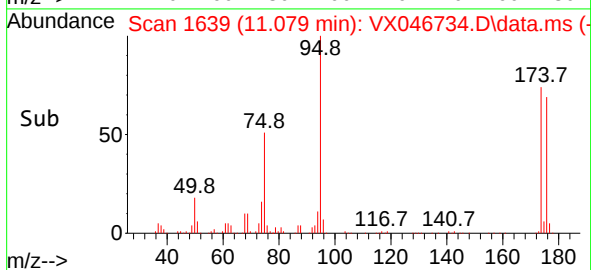
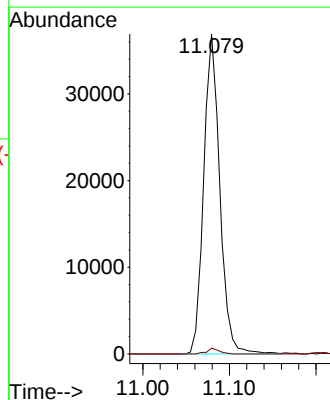
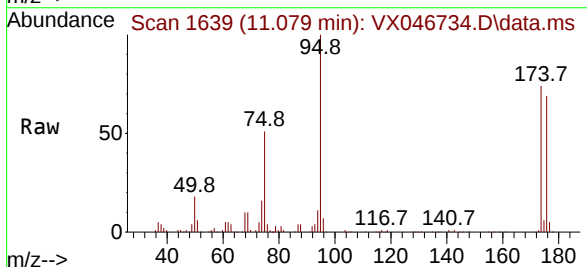
Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20250616

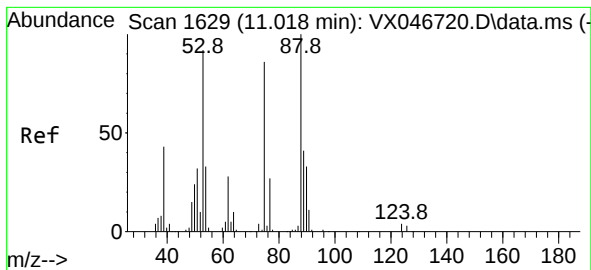
Tgt Ion:152 Resp: 88415
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.2 129.6
 150 159.7 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 29.424 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046734.D
 Acq: 18 Jun 2025 12:12

Tgt Ion: 75 Resp: 47647
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.5 55.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.169 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

Tgt Ion: 75 Resp: 47647
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

