

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046797.D
 Acq On : 20 Jun 2025 20:25
 Operator : JC/MD
 Sample : Q2378-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jun 21 00:14:52 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)

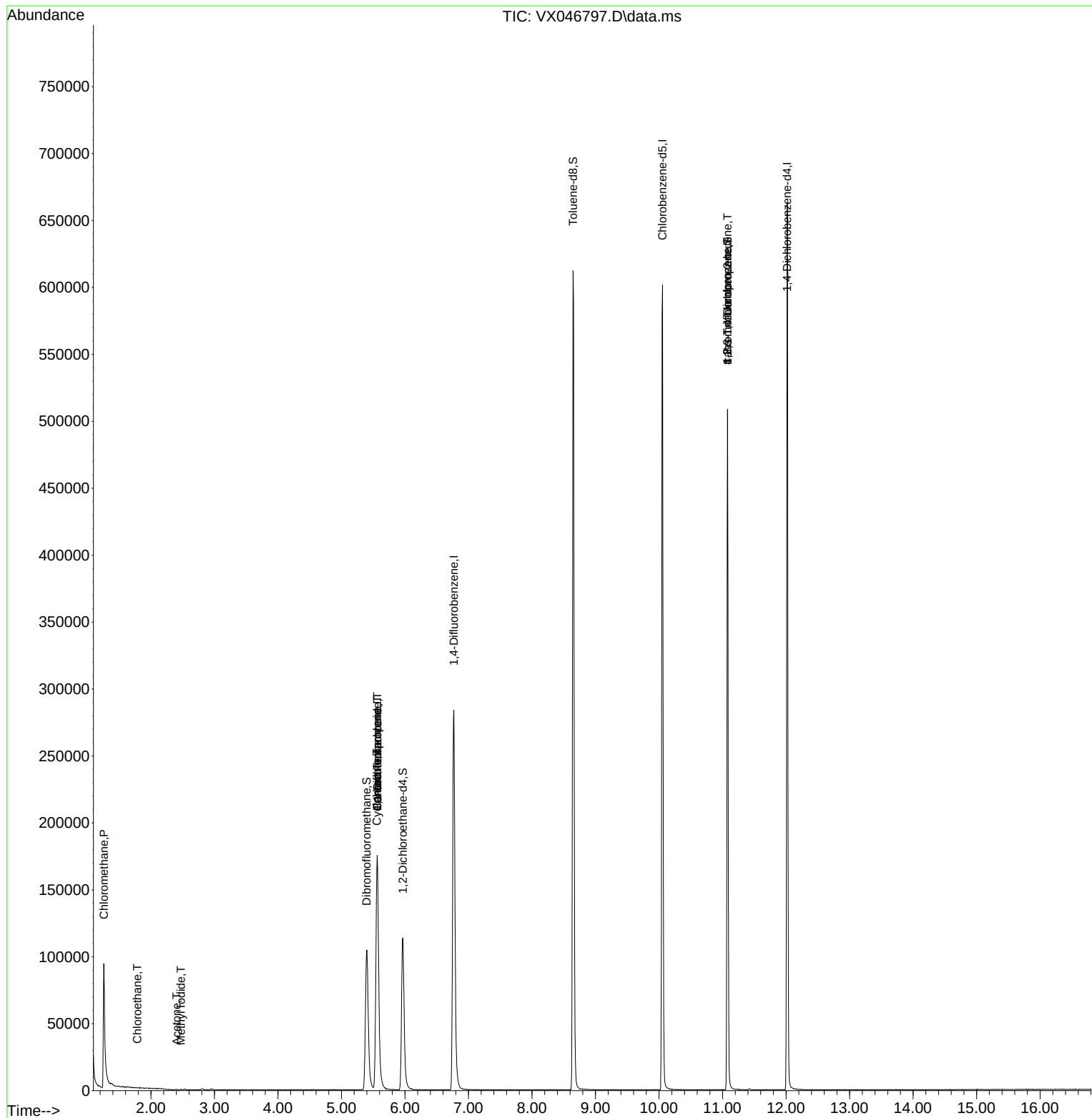
Internal Standards						
1) Pentafluorobenzene	5.562	168	181190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	312867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	136509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	120471	48.070	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.140%
35) Dibromofluoromethane	5.397	113	101641	49.101	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.200%
50) Toluene-d8	8.647	98	375028	50.426	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.860%
62) 4-Bromofluorobenzene	11.079	95	137063	49.440	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.258	50	2590	1.240	ug/l #	44
6) Chloroethane	1.782	64	272	0.202	ug/l #	41
10) Methyl Iodide	2.471	142	296	4.438	ug/l #	61
16) Acetone	2.404	43	507	0.607	ug/l #	44
31) Cyclohexane	5.556	56	3811	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	14501	4.853	ug/l #	50
38) Carbon Tetrachloride	5.562	117	18793	5.795	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	70516	28.204	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	70516	79.722	ug/l #	7

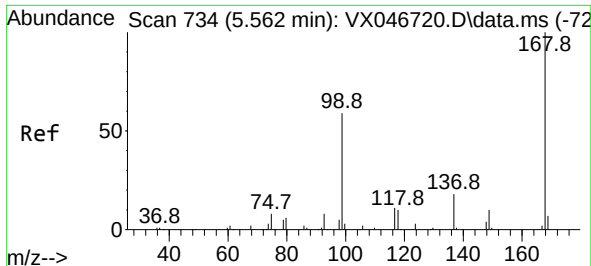
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046797.D
Acq On : 20 Jun 2025 20:25
Operator : JC/MD
Sample : Q2378-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

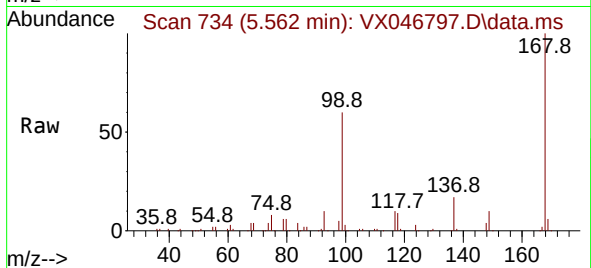
Quant Time: Jun 21 00:14:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



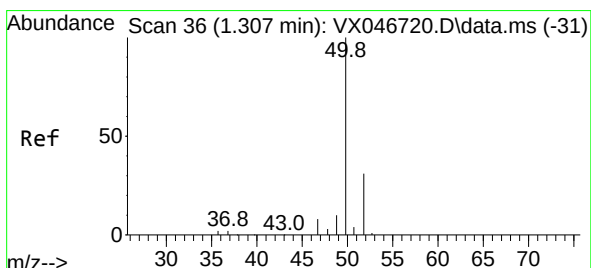
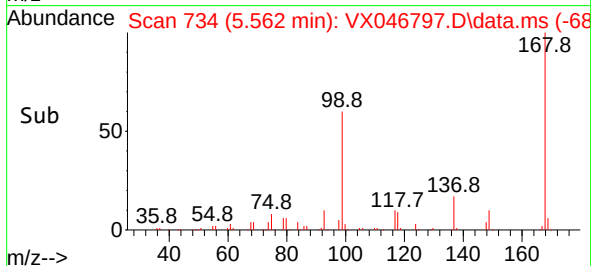
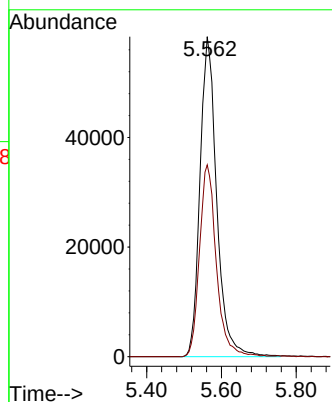


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

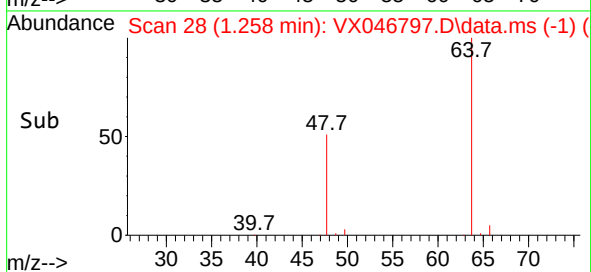
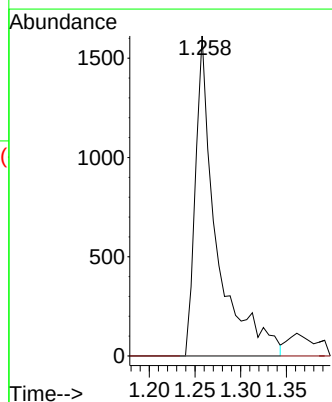
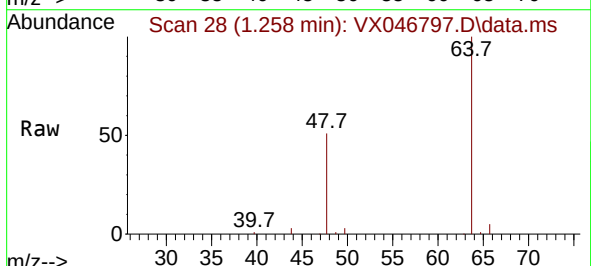


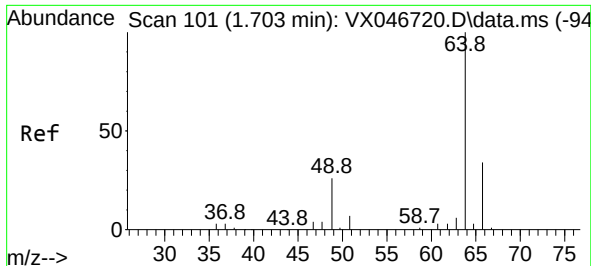
Tgt Ion:168 Resp: 181190
Ion Ratio Lower Upper
168 100
99 60.0 48.5 72.7



#3
Chloromethane
Concen: 1.240 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.049 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

Tgt Ion: 50 Resp: 2590
Ion Ratio Lower Upper
50 100
52 0.0 24.9 37.3#

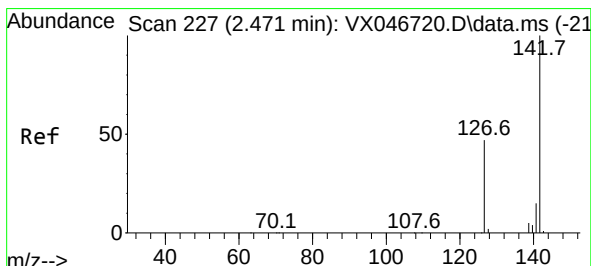
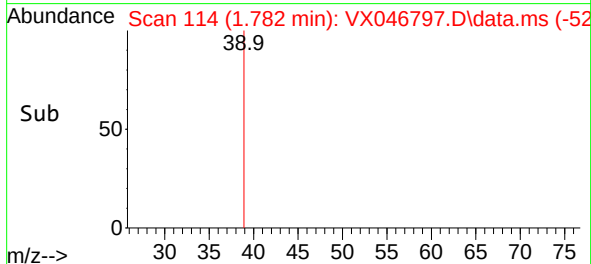
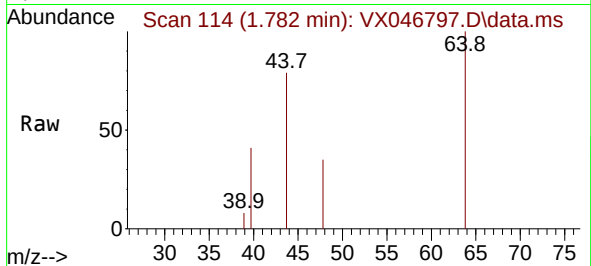




#6
Chloroethane
Concen: 0.202 ug/l
RT: 1.782 min Scan# 114
Delta R.T. 0.079 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

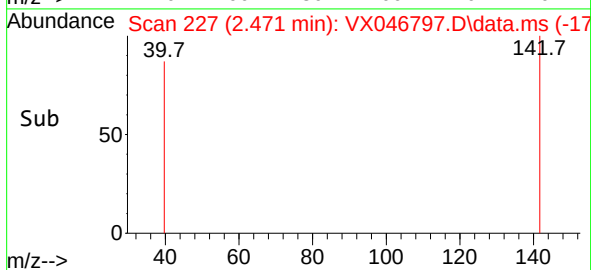
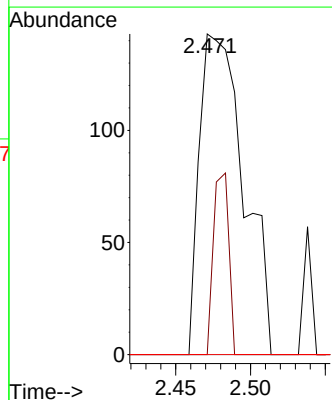
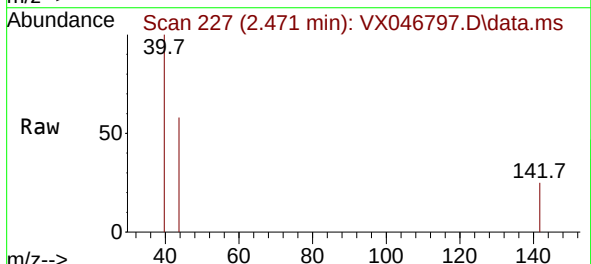
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

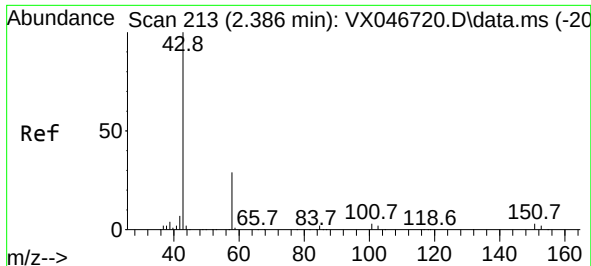
Tgt Ion: 64 Resp: 272
Ion Ratio Lower Upper
64 100
66 0.0 27.1 40.7#



#10
Methyl Iodide
Concen: 4.438 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

Tgt Ion:142 Resp: 296
Ion Ratio Lower Upper
142 100
127 19.6 37.0 55.6#
141 0.0 11.5 17.3#

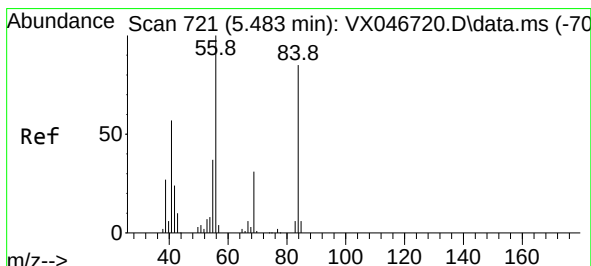
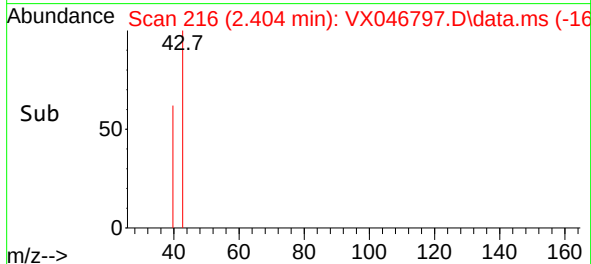
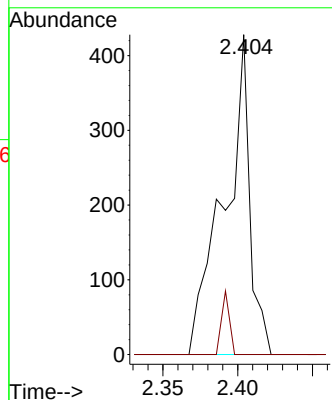
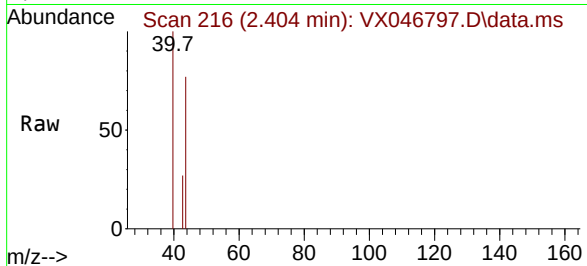




#16
Acetone
Concen: 0.607 ug/l
RT: 2.404 min Scan# 213
Delta R.T. 0.018 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

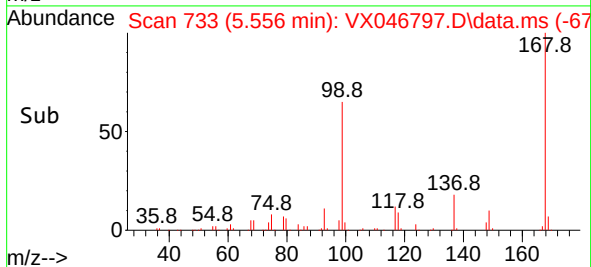
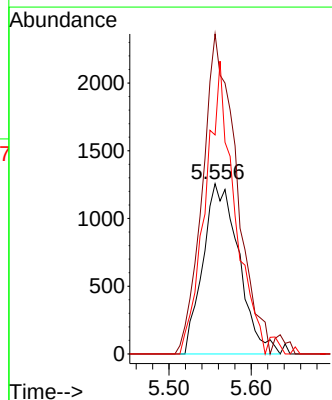
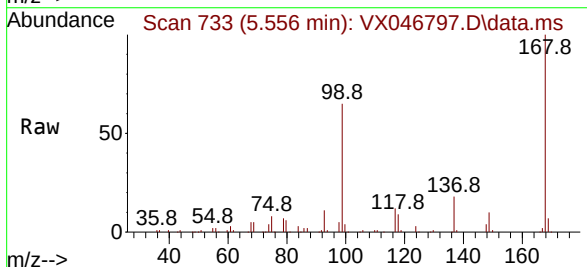
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

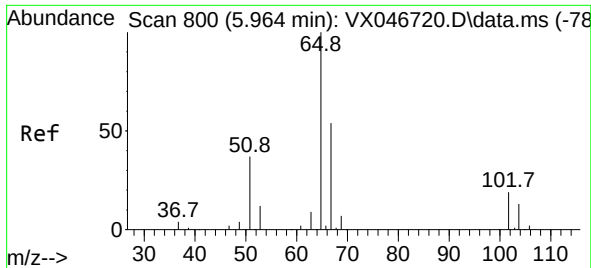
Tgt Ion: 43 Resp: 507
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

Tgt Ion: 56 Resp: 3811
Ion Ratio Lower Upper
56 100
69 175.4 24.8 37.2#
84 123.2 68.2 102.2#

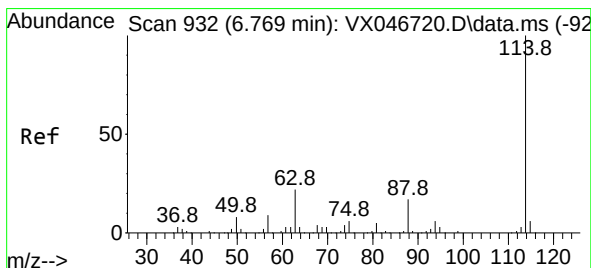
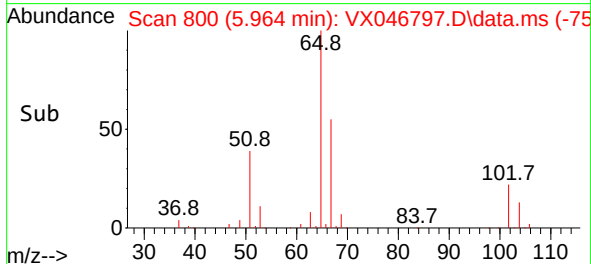
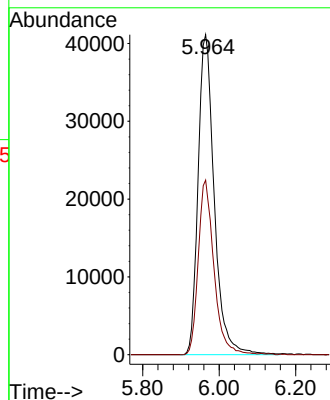
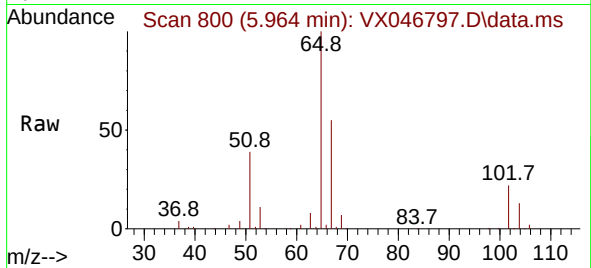




#33
 1,2-Dichloroethane-d4
 Concen: 48.070 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046797.D
 Acq: 20 Jun 2025 20:25

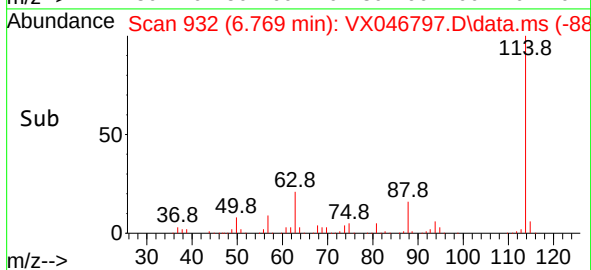
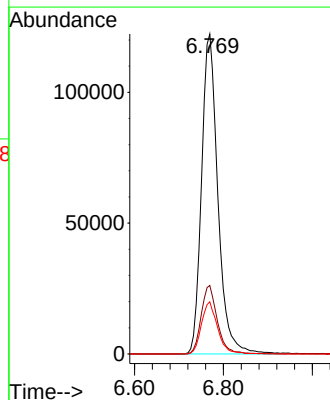
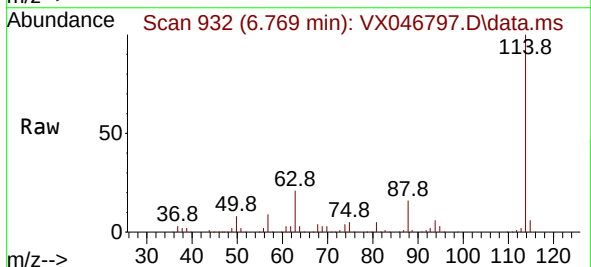
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

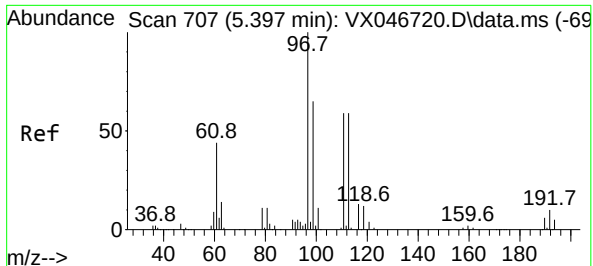
Tgt Ion: 65 Resp: 120471
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046797.D
 Acq: 20 Jun 2025 20:25

Tgt Ion: 114 Resp: 312867
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.2
 88 16.3 0.0 33.2

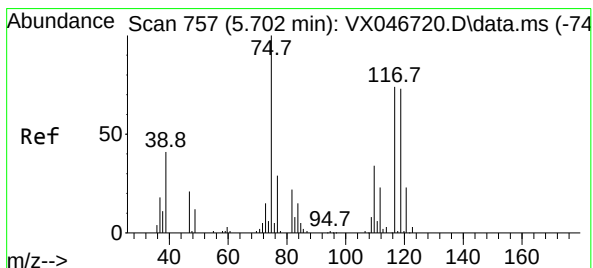
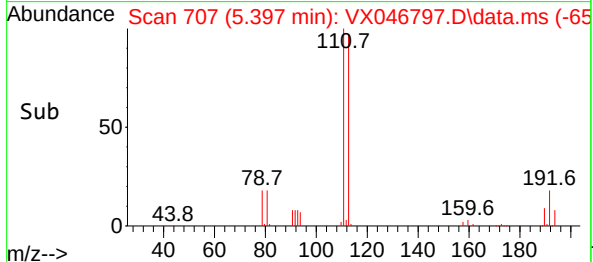
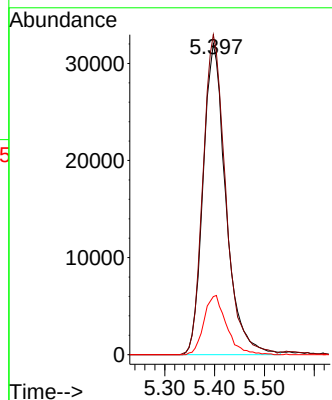
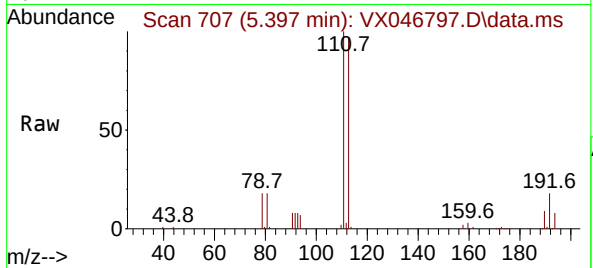




#35
Dibromofluoromethane
Concen: 49.101 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

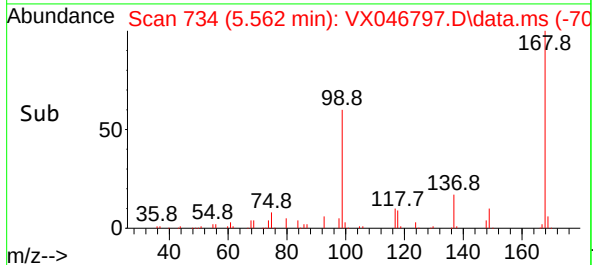
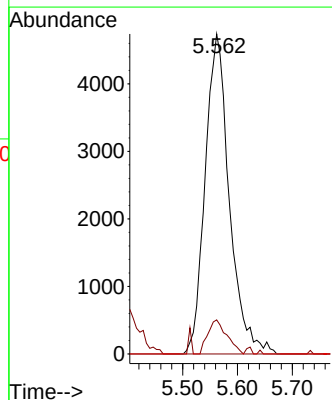
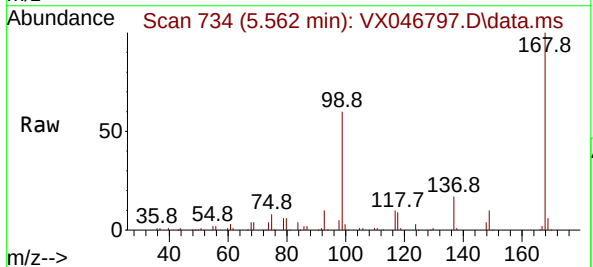
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

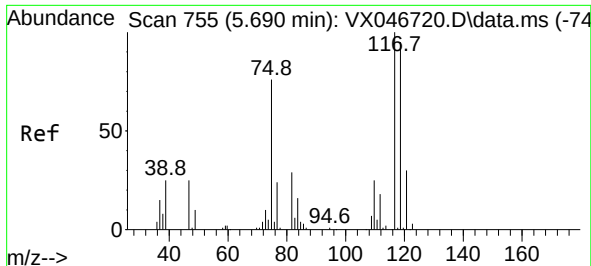
Tgt Ion:113 Resp: 101641
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 18.9 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.853 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

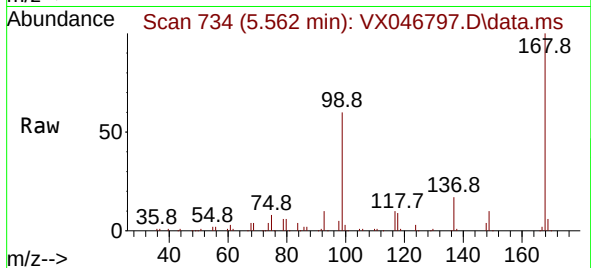
Tgt Ion: 75 Resp: 14501
Ion Ratio Lower Upper
75 100
110 8.4 17.2 51.5#
77 0.0 24.2 36.4#



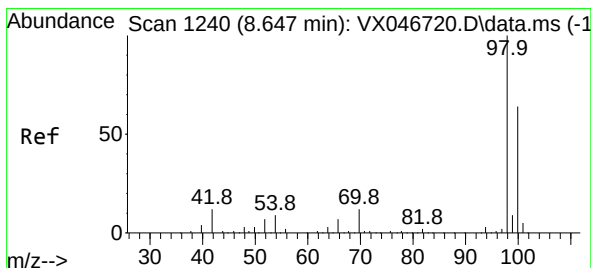
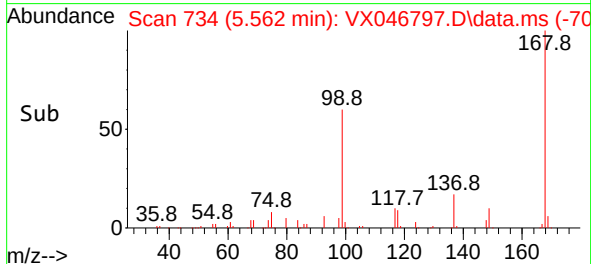
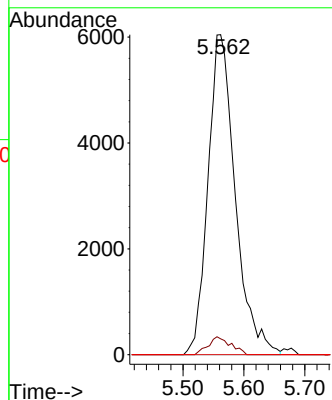


#38
Carbon Tetrachloride
Concen: 5.795 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

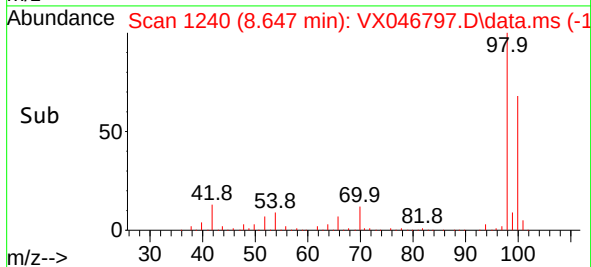
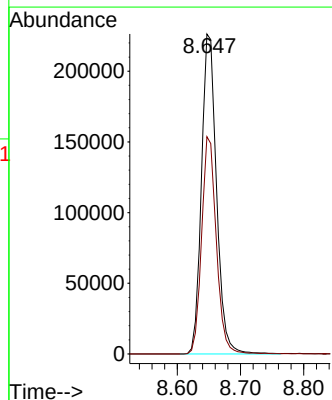
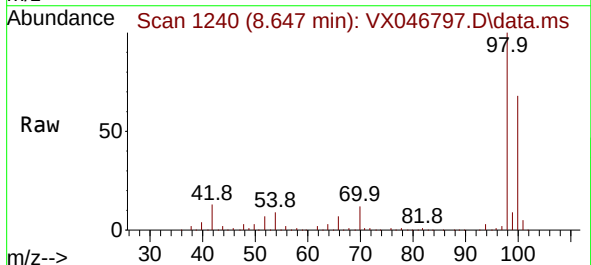


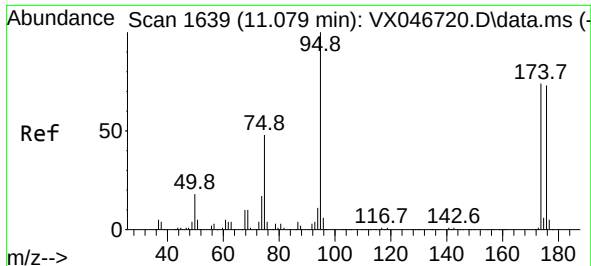
Tgt Ion:117 Resp: 18793
Ion Ratio Lower Upper
117 100
119 4.9 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.426 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

Tgt Ion: 98 Resp: 375028
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

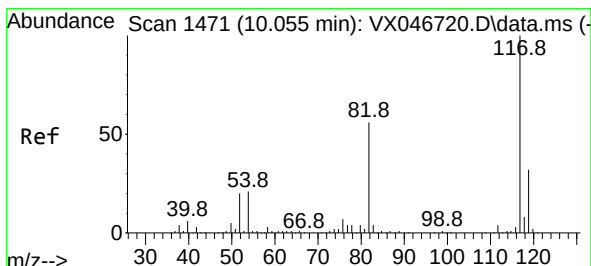
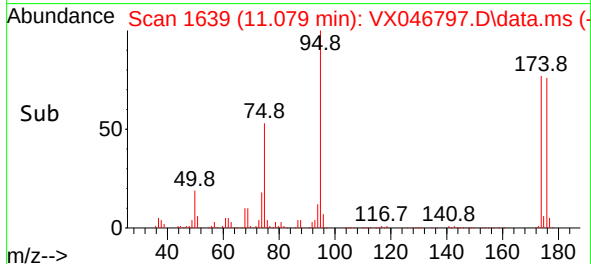
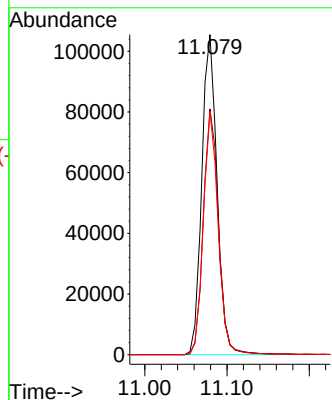
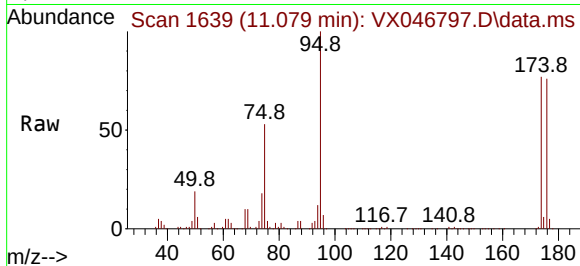




#62
4-Bromofluorobenzene
Concen: 49.440 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

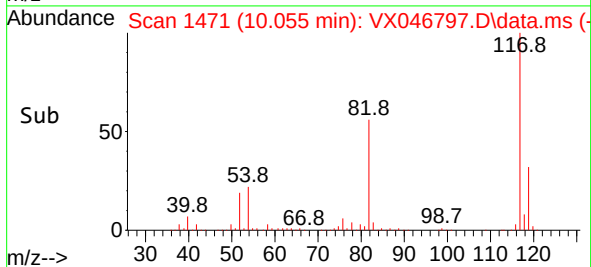
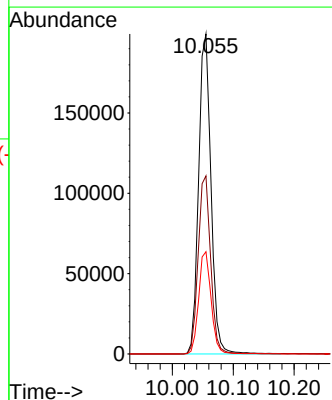
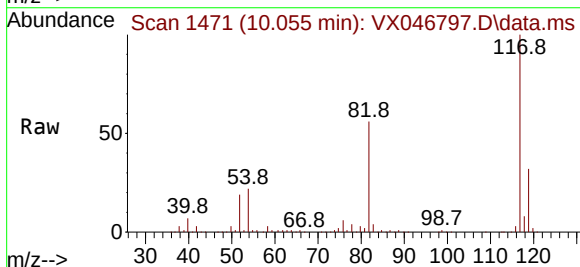
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

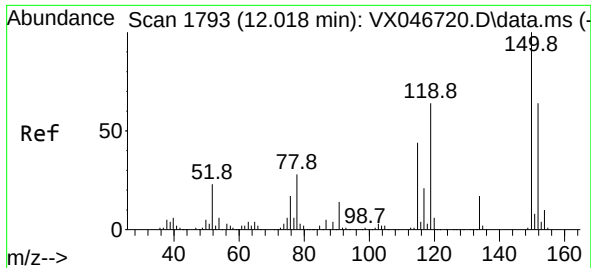
Tgt Ion: 95 Resp: 137063
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.4
176 73.6 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

Tgt Ion: 117 Resp: 280462
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 31.9 25.8 38.8

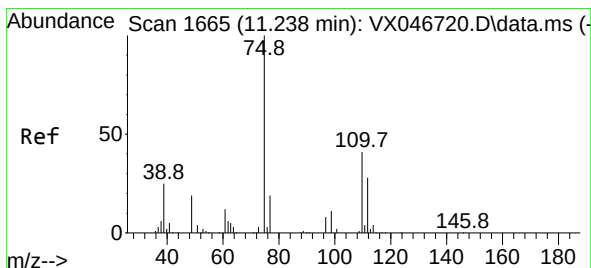
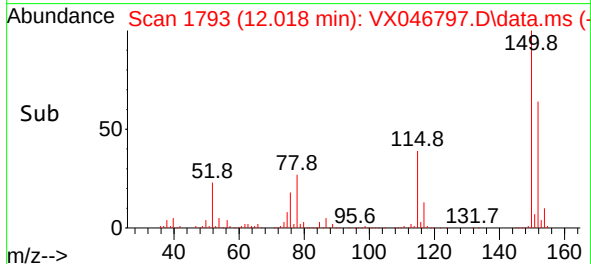
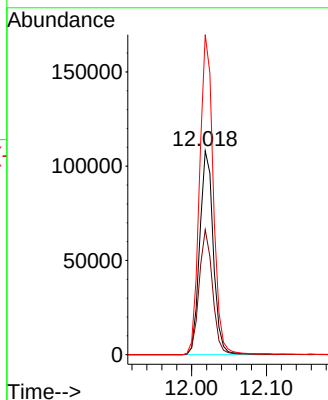
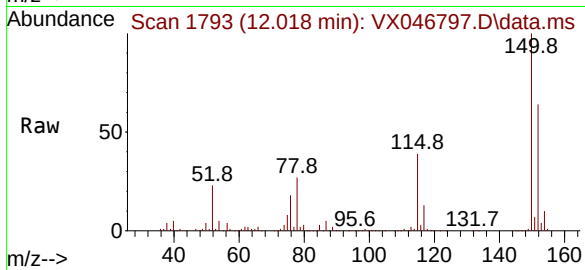




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

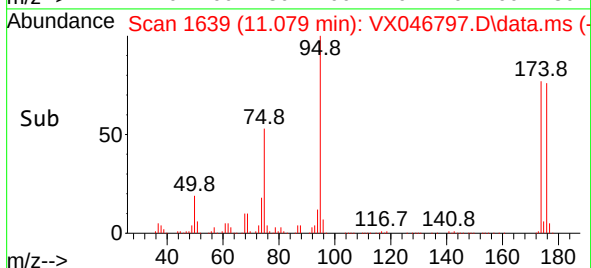
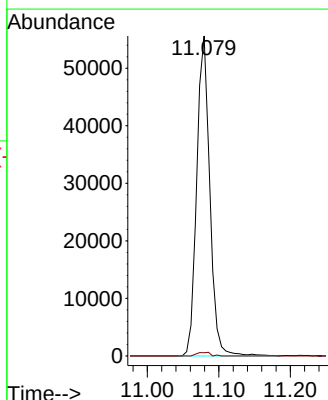
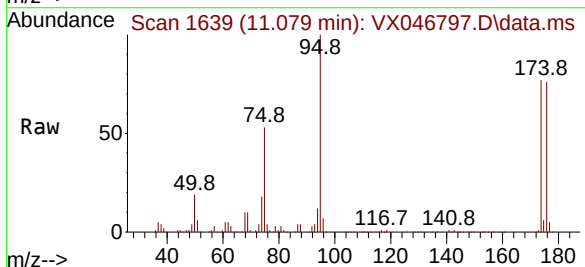
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

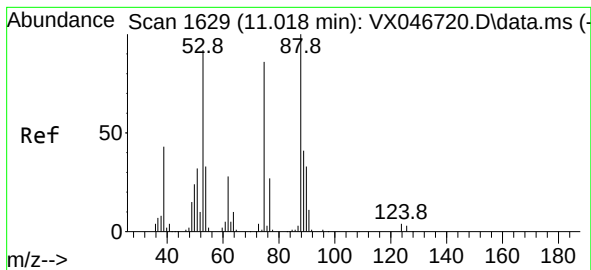
Tgt Ion:152 Resp: 136509
Ion Ratio Lower Upper
152 100
115 60.8 43.2 129.6
150 158.2 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 28.204 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

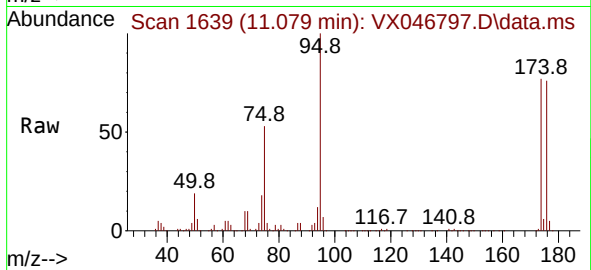
Tgt Ion: 75 Resp: 70516
Ion Ratio Lower Upper
75 100
77 1.2 18.5 55.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.722 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



Tgt Ion: 75 Resp: 70516
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

