

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038876.D
 Acq On : 17 Nov 2023 13:33
 Operator : JC/MD
 Sample : 05381-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 17 22:49:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

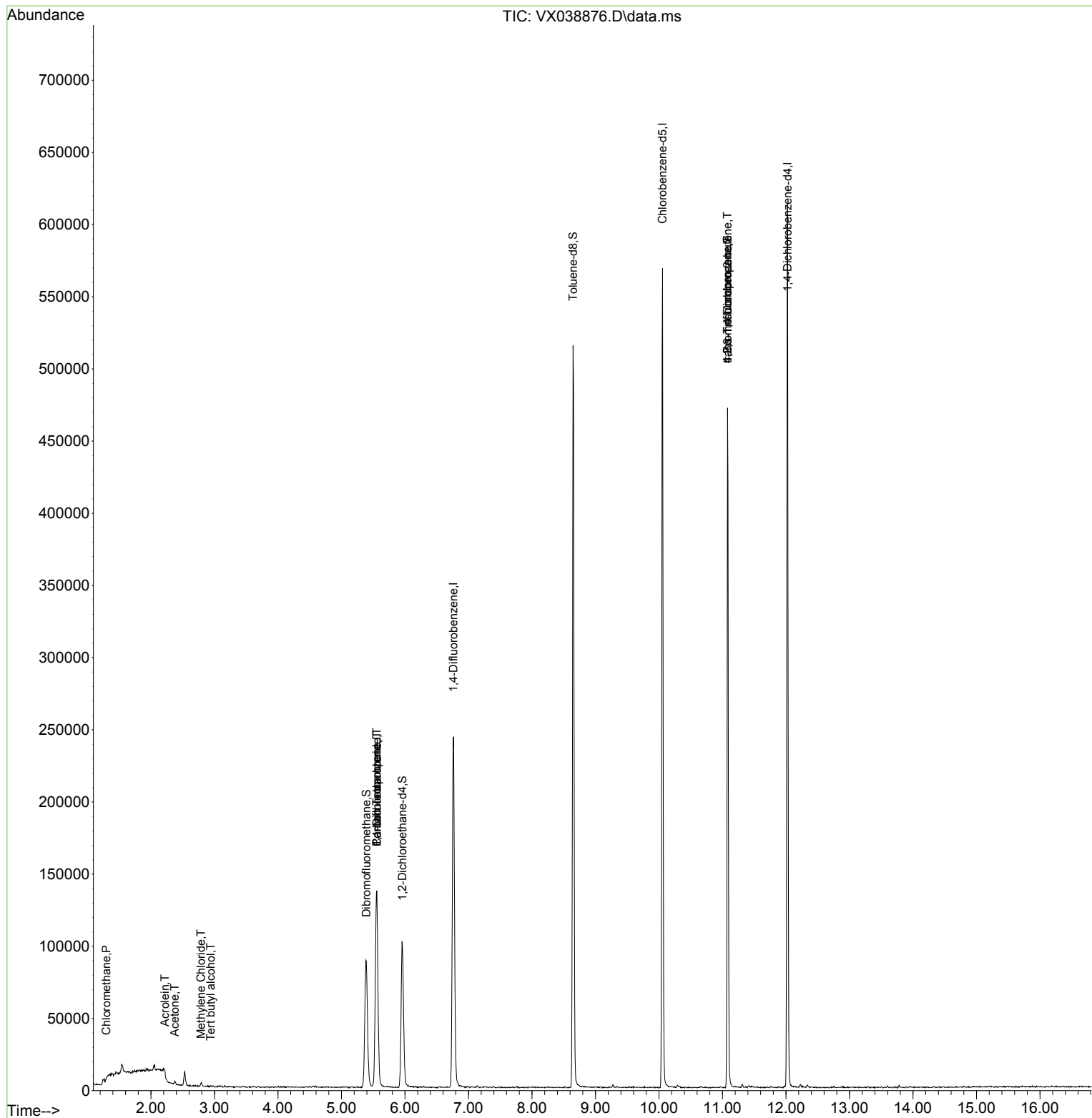
Internal Standards						
1) Pentafluorobenzene	5.556	168	124754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93592	46.558	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.120%
35) Dibromofluoromethane	5.391	113	79421	44.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.100%
50) Toluene-d8	8.647	98	315497	45.734	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.460%#
62) 4-Bromofluorobenzene	11.079	95	132835	48.102	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	713	0.375	ug/l #	67
11) Tert butyl alcohol	2.941	59	182	0.326	ug/l #	1
13) Acrolein	2.221	56	310	1.048	ug/l #	27
16) Acetone	2.374	43	2938	2.745	ug/l	92
20) Methylene Chloride	2.788	84	1258	0.652	ug/l #	69
36) 1,1-Dichloropropene	5.556	75	11300	4.373	ug/l #	52
38) Carbon Tetrachloride	5.556	117	13658	5.719	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	68017	21.465	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	68017	47.612	ug/l #	5

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

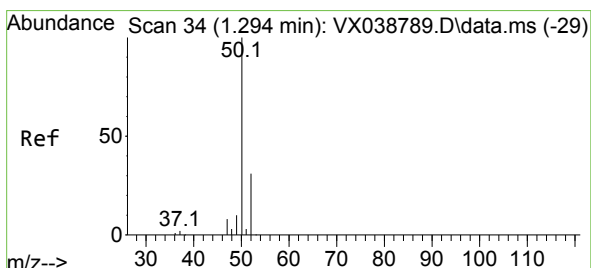
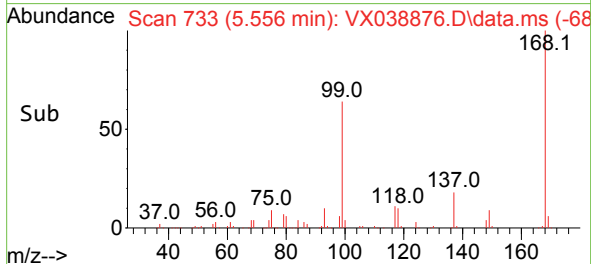
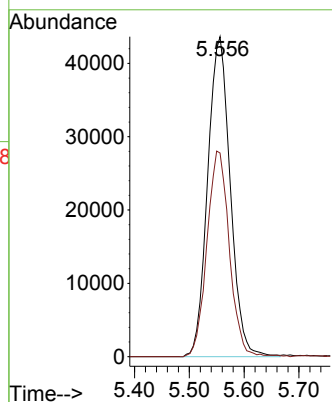
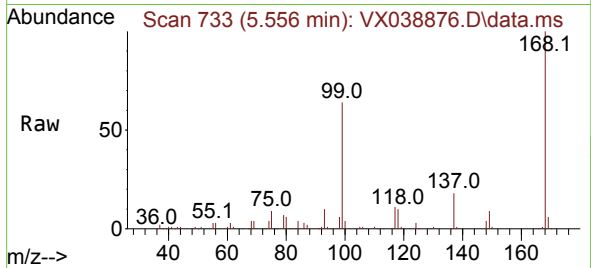




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038876.D
Acq: 17 Nov 2023 13:33

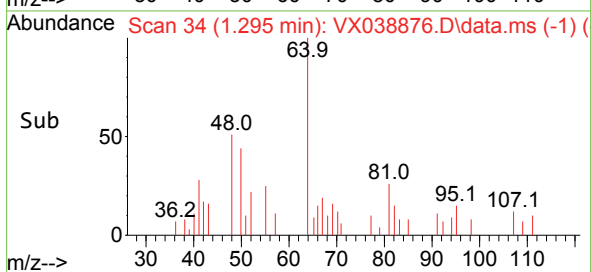
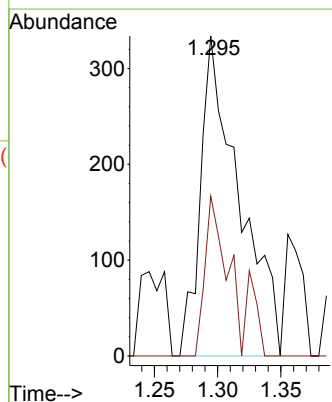
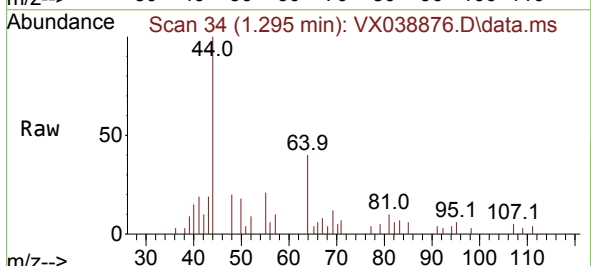
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

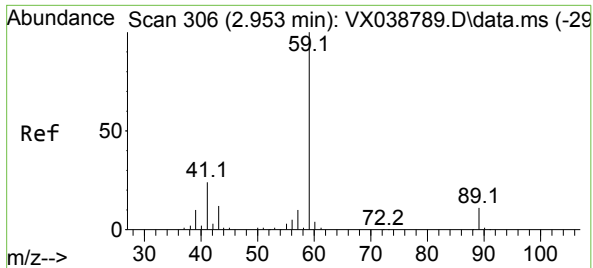
Tgt Ion:168 Resp: 124754
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#3
Chloromethane
Concen: 0.375 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX038876.D
Acq: 17 Nov 2023 13:33

Tgt Ion: 50 Resp: 713
Ion Ratio Lower Upper
50 100
52 50.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: 0.326 ug/l

RT: 2.941 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX038876.D

Acq: 17 Nov 2023 13:33

Instrument :

MSVOA_X

ClientSampleId :

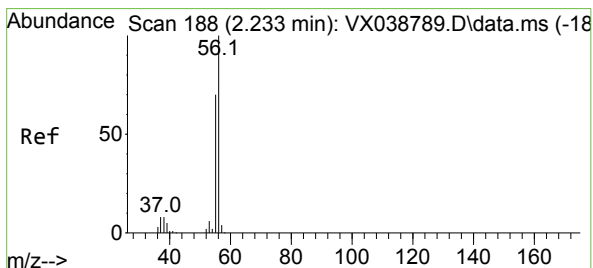
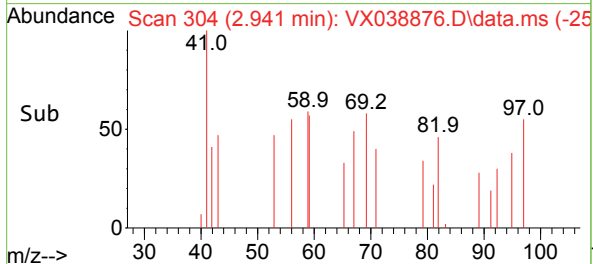
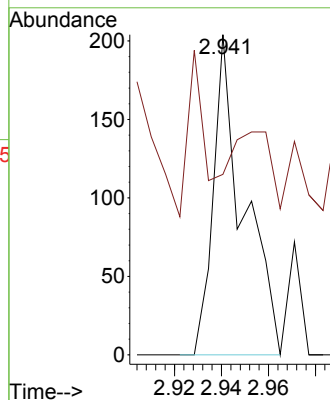
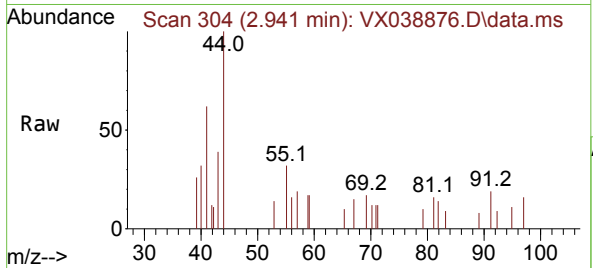
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 59 Resp: 182

Ion Ratio Lower Upper

59 100

57 44.5 6.0 9.0#



#13

Acrolein

Concen: 1.048 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.012 min

Lab File: VX038876.D

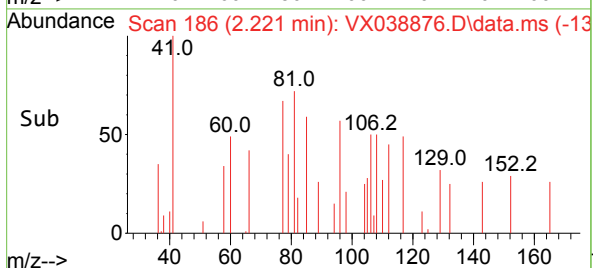
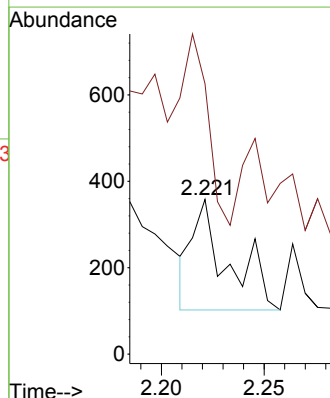
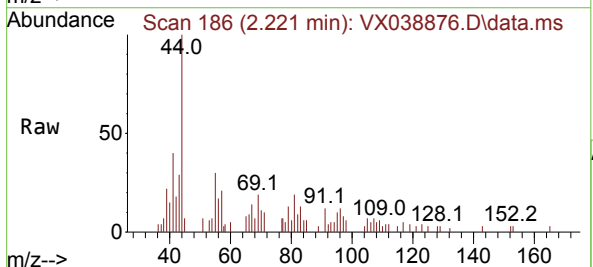
Acq: 17 Nov 2023 13:33

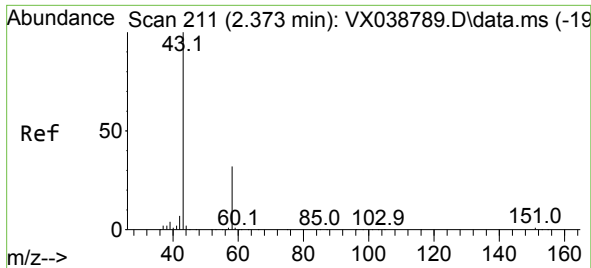
Tgt Ion: 56 Resp: 310

Ion Ratio Lower Upper

56 100

55 132.3 57.1 85.7#





#16

Acetone

Concen: 2.745 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX038876.D

Acq: 17 Nov 2023 13:33

Instrument :

MSVOA_X

ClientSampleId :

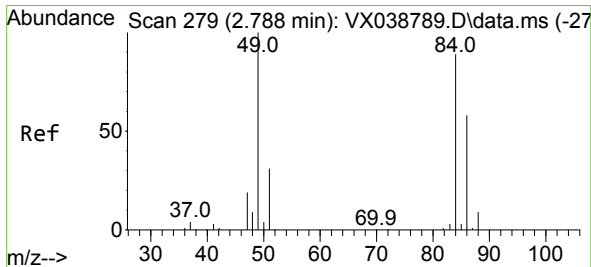
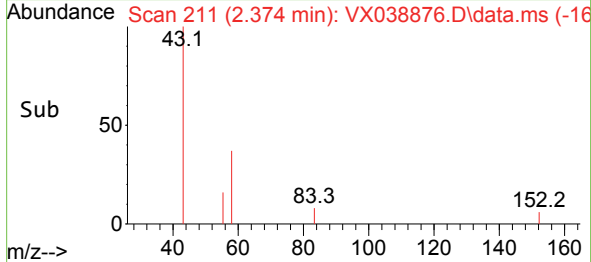
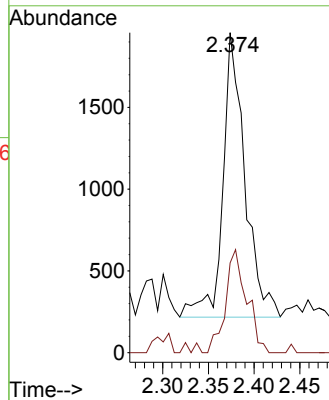
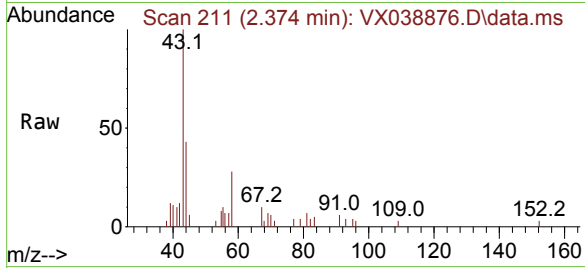
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 2938

Ion Ratio Lower Upper

43 100

58 31.6 21.9 32.9



#20

Methylene Chloride

Concen: 0.652 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038876.D

Acq: 17 Nov 2023 13:33

Tgt Ion: 84 Resp: 1258

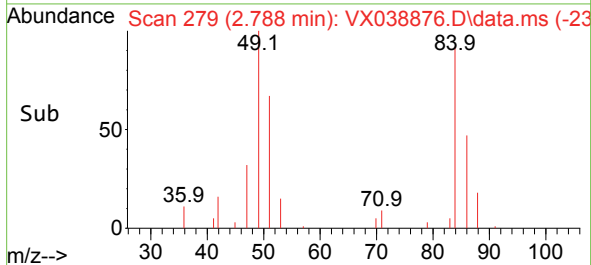
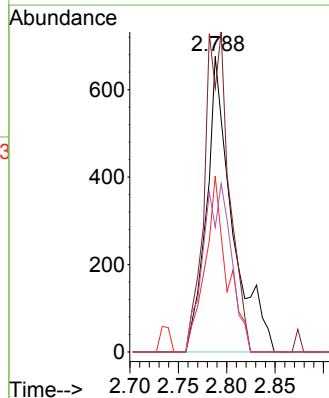
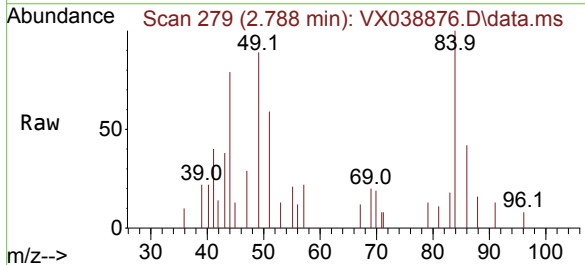
Ion Ratio Lower Upper

84 100

49 89.2 103.6 155.4#

51 59.5 33.8 50.6#

86 42.2 49.4 74.0#

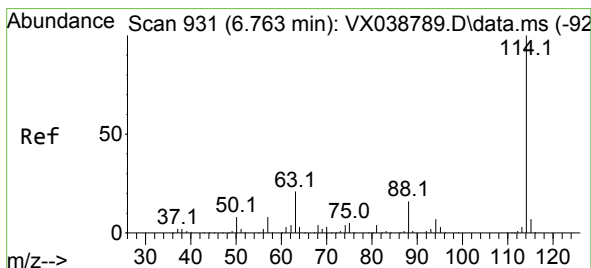
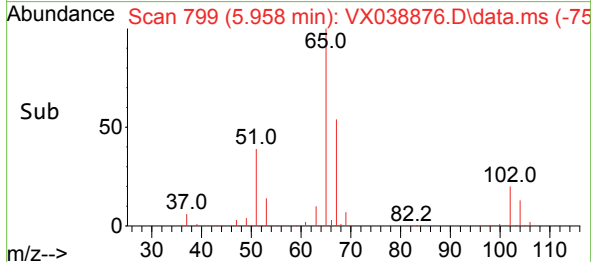
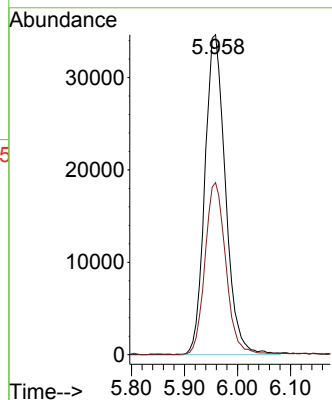
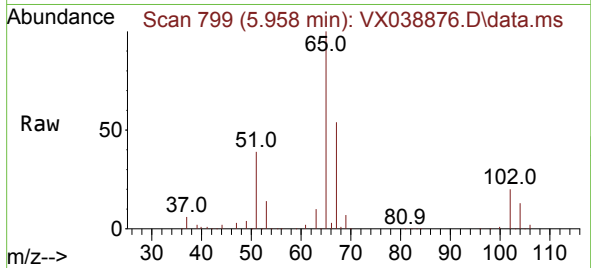




#33
 1,2-Dichloroethane-d4
 Concen: 46.558 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038876.D
 Acq: 17 Nov 2023 13:33

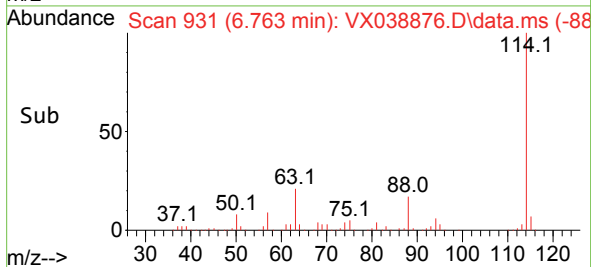
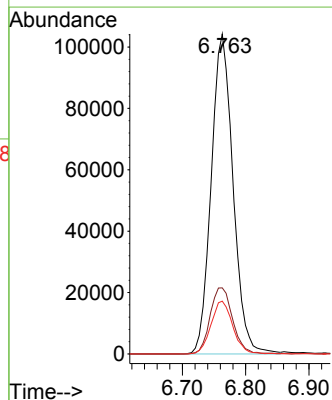
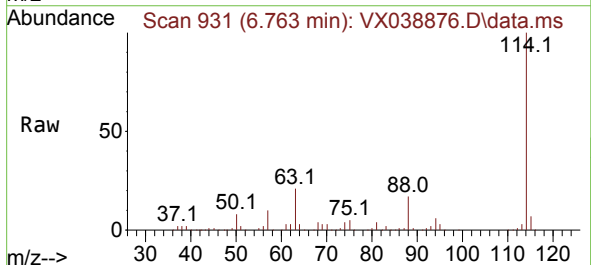
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

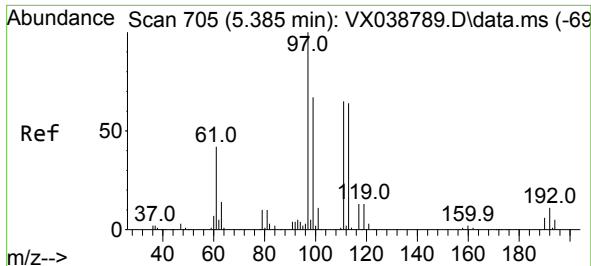
Tgt Ion: 65 Resp: 93592
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038876.D
 Acq: 17 Nov 2023 13:33

Tgt Ion:114 Resp: 249653
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.0
 88 16.5 0.0 36.6

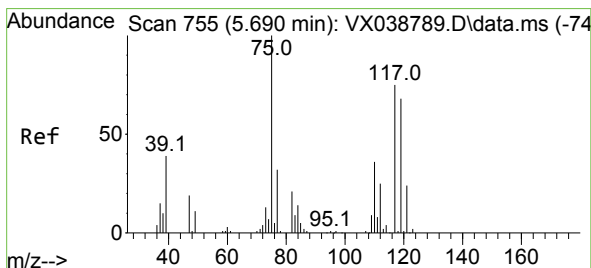
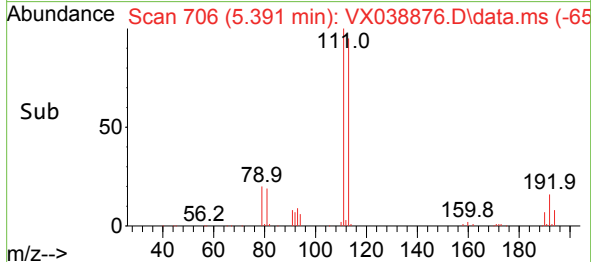
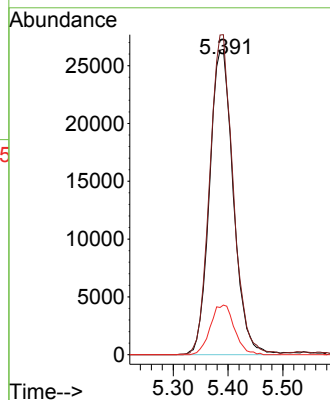
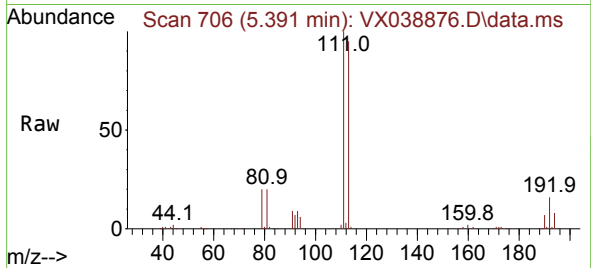




#35
Dibromofluoromethane
Concen: 44.048 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038876.D
Acq: 17 Nov 2023 13:33

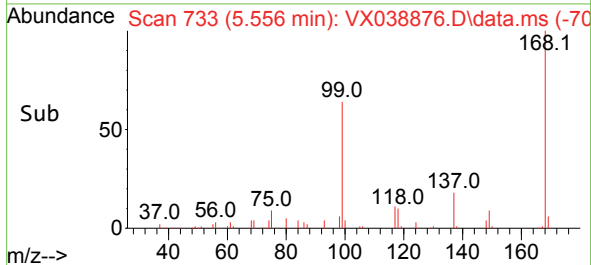
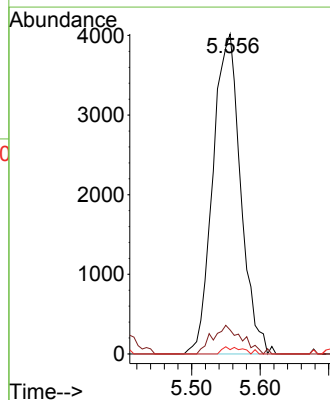
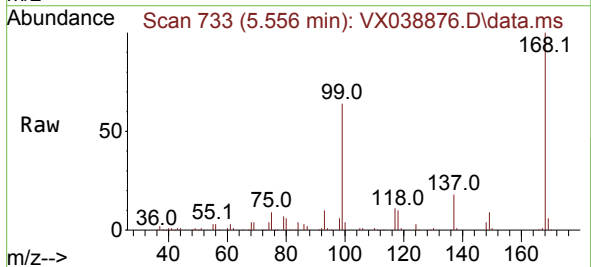
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

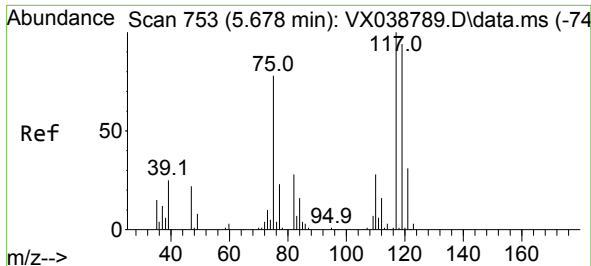
Tgt Ion:113 Resp: 79421
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 16.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.373 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038876.D
Acq: 17 Nov 2023 13:33

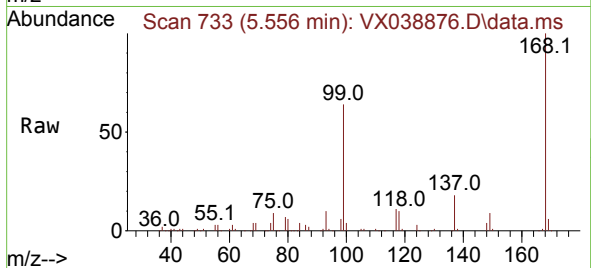
Tgt Ion: 75 Resp: 11300
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 1.6 24.7 37.1#



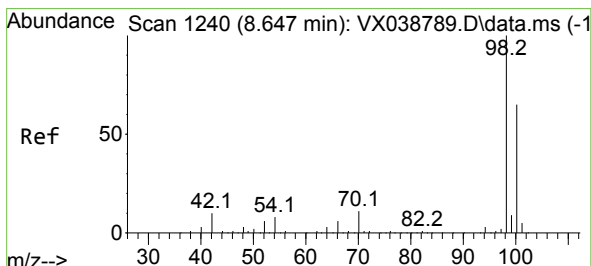
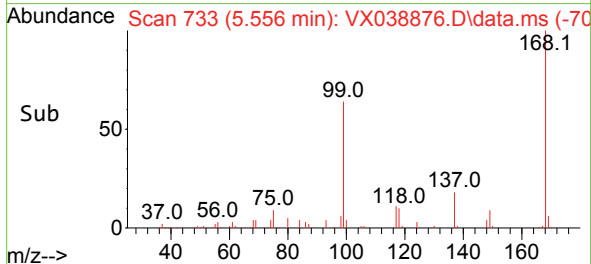
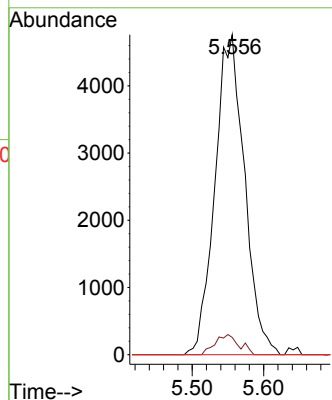


#38
Carbon Tetrachloride
Concen: 5.719 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038876.D
Acq: 17 Nov 2023 13:33

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

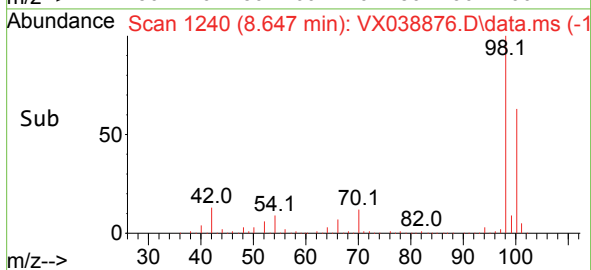
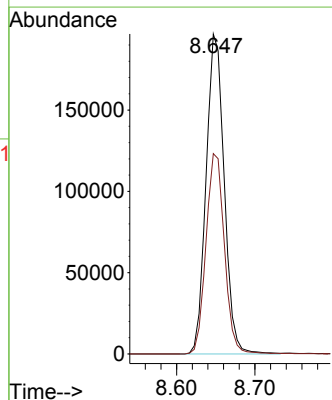
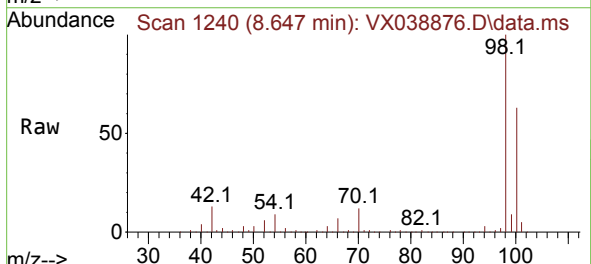


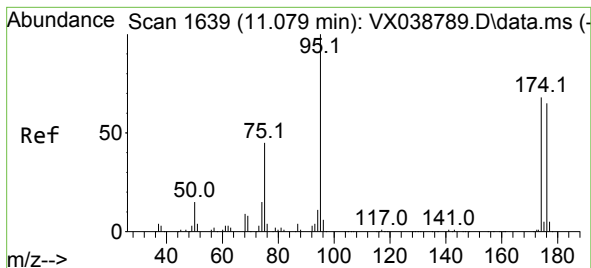
Tgt Ion:117 Resp: 13658
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.734 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038876.D
Acq: 17 Nov 2023 13:33

Tgt Ion: 98 Resp: 315497
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

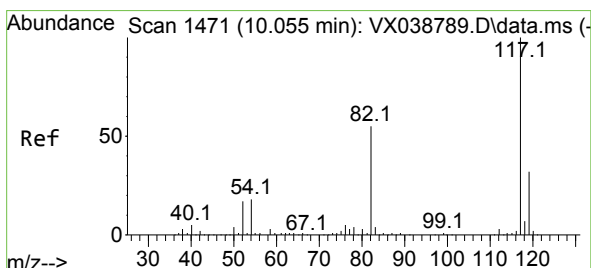
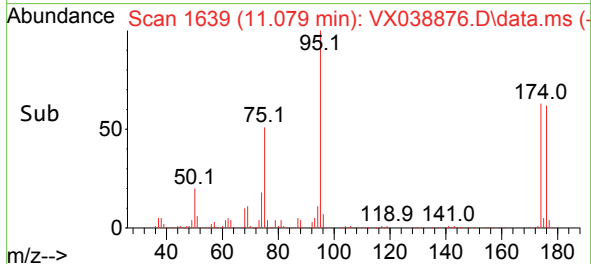
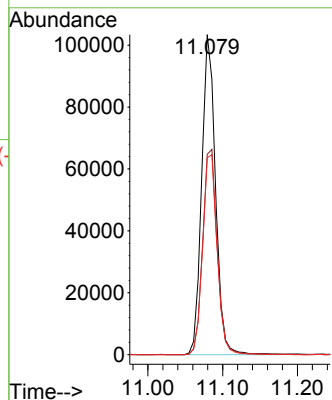
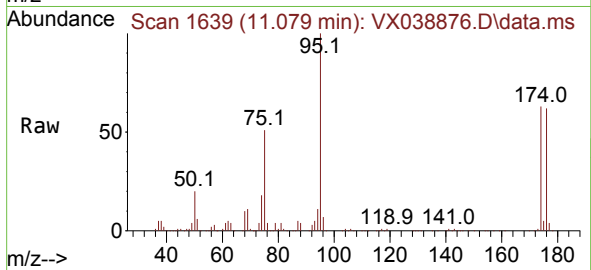




#62
4-Bromofluorobenzene
Concen: 48.102 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038876.D
Acq: 17 Nov 2023 13:33

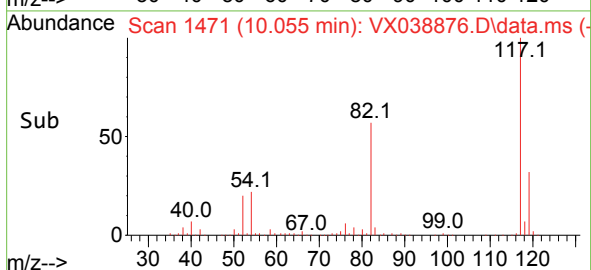
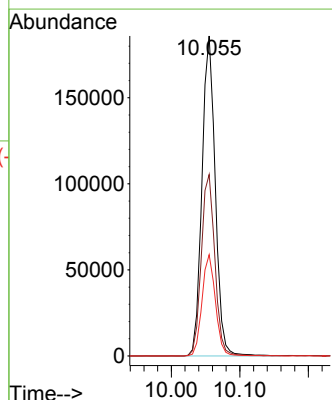
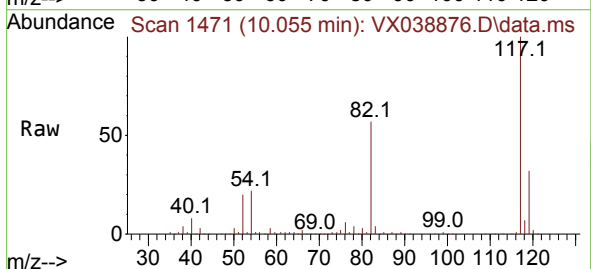
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

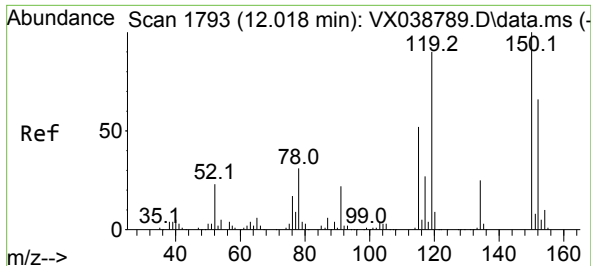
Tgt Ion: 95 Resp: 132835
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.6
176 65.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038876.D
Acq: 17 Nov 2023 13:33

Tgt Ion: 117 Resp: 251272
Ion Ratio Lower Upper
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82 56.7 46.2 69.4
119 31.7 25.5 38.3

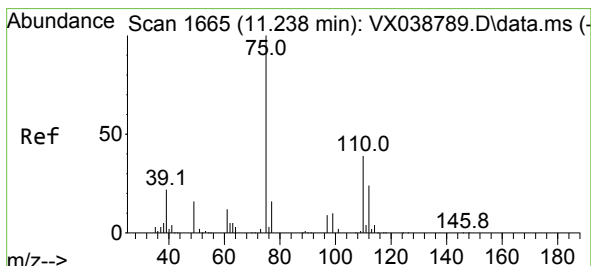
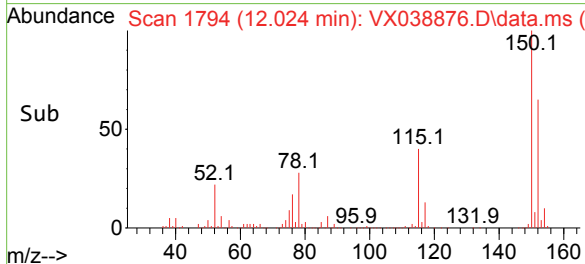
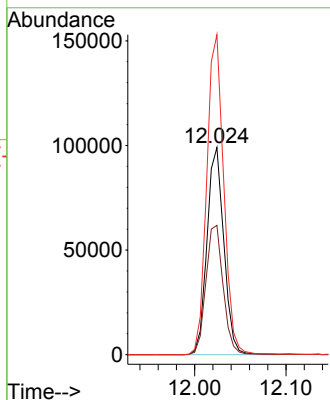
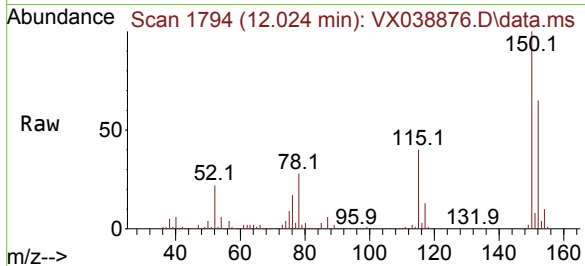




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038876.D
 Acq: 17 Nov 2023 13:33

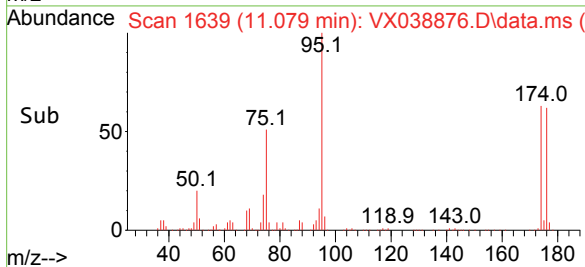
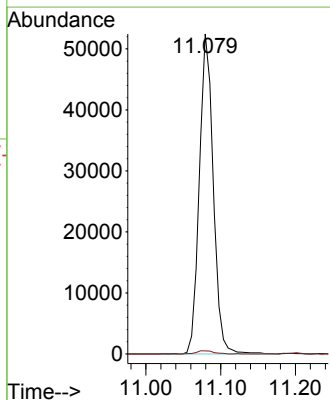
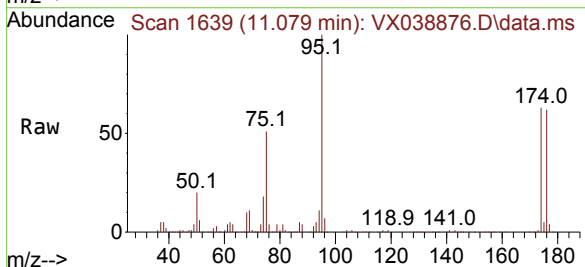
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

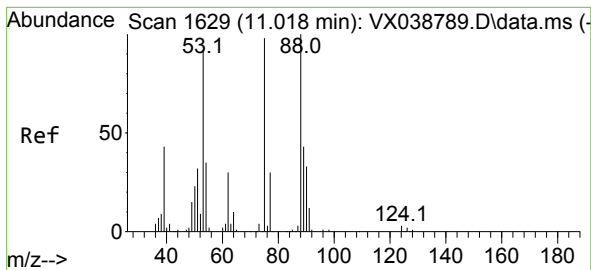
Tgt Ion:152 Resp: 127003
 Ion Ratio Lower Upper
 152 100
 115 64.0 43.3 129.9
 150 155.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.465 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038876.D
 Acq: 17 Nov 2023 13:33

Tgt Ion: 75 Resp: 68017
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.612 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038876.D
 Acq: 17 Nov 2023 13:33

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

Tgt Ion: 75 Resp: 68017
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 36.9 55.3#

