

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112922\
 Data File : VX033109.D
 Acq On : 29 Nov 2022 11:53
 Operator : JC/MD
 Sample : N5786-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 30 01:00:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

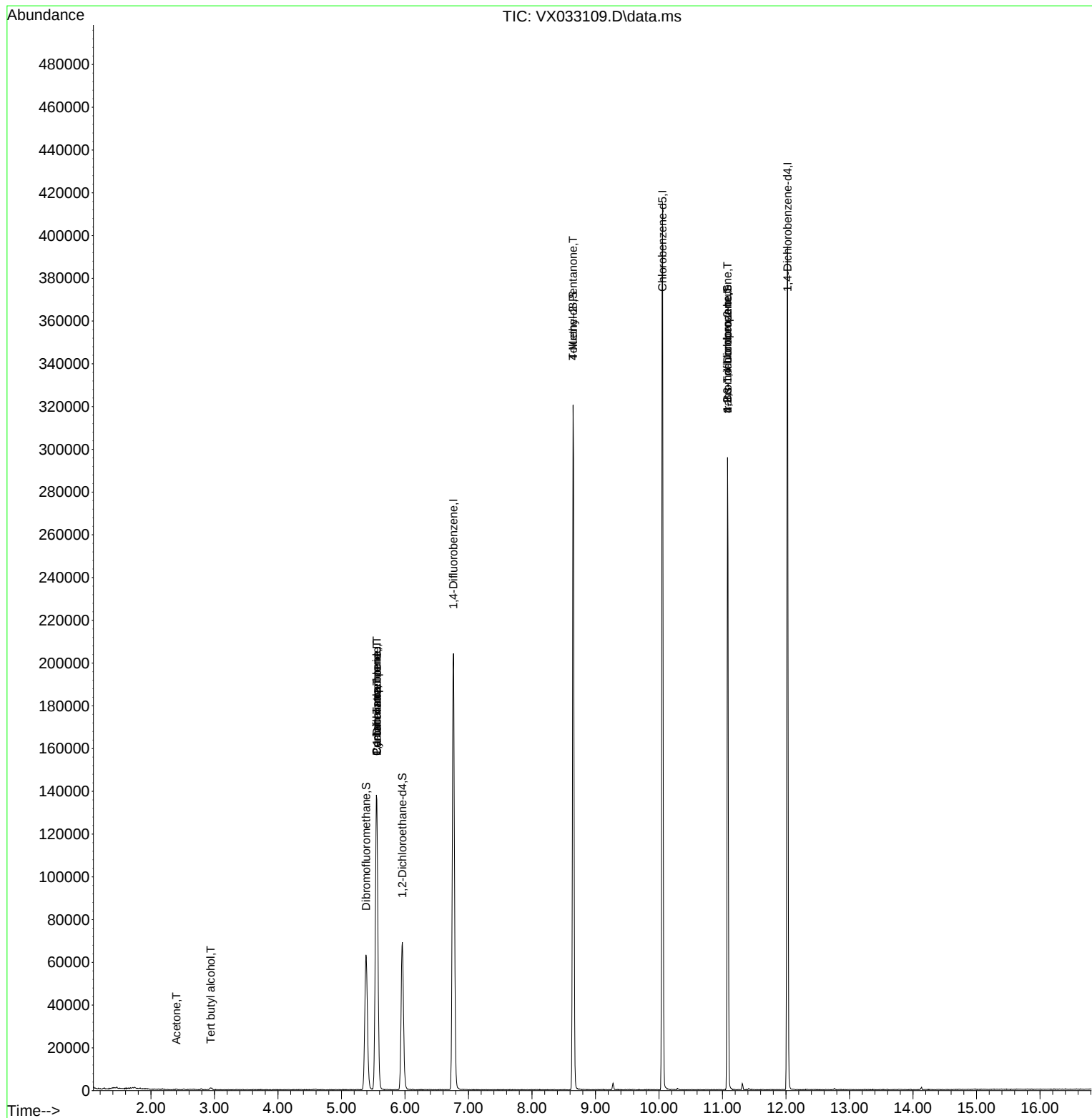
Internal Standards						
1) Pentafluorobenzene	5.556	168	130374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69140	54.558	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.120%
35) Dibromofluoromethane	5.385	113	54786	46.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	8.647	98	187370	52.615	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.220%
62) 4-Bromofluorobenzene	11.079	95	73203	46.982	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	645	3.205	ug/l #	72
16) Acetone	2.398	43	463	0.781	ug/l	92
20) Methylene Chloride	2.794	84	151	Below Cal	#	58
31) Cyclohexane	5.556	56	2795	1.359	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	10198	5.377	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13150	6.250	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	779	0.461	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39841	24.872	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39841	80.846	ug/l #	6

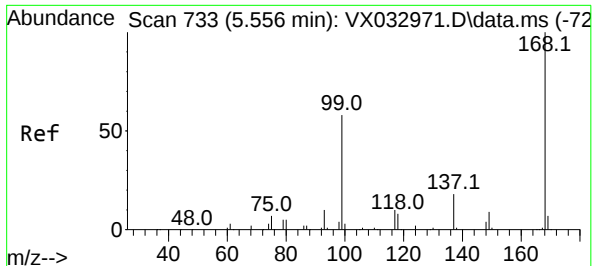
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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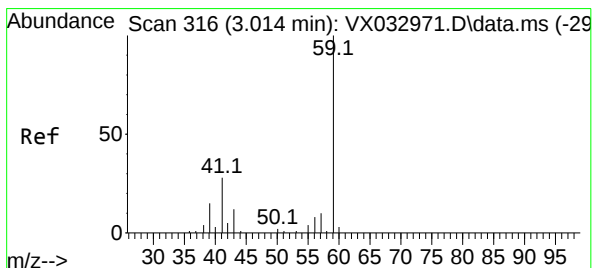
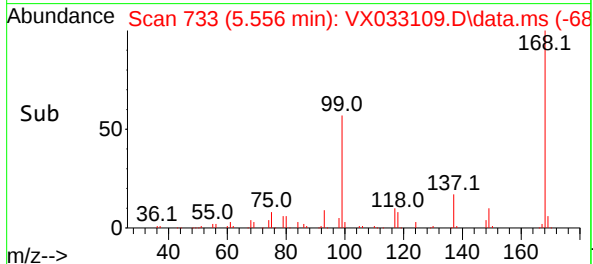
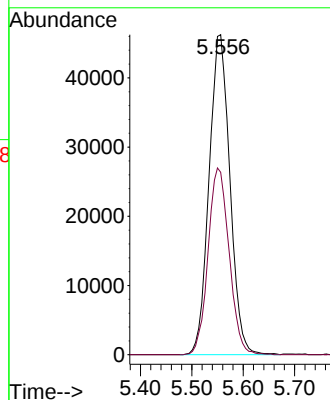
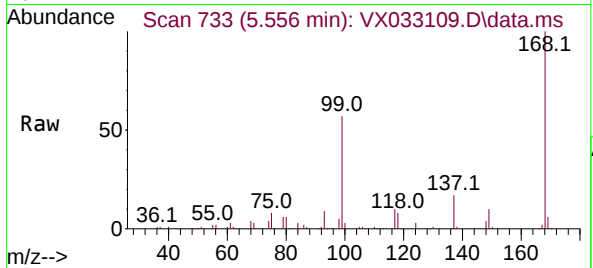




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033109.D
Acq: 29 Nov 2022 11:53

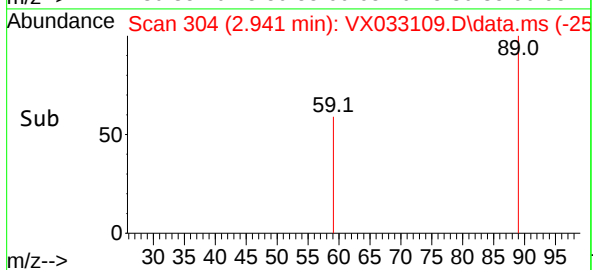
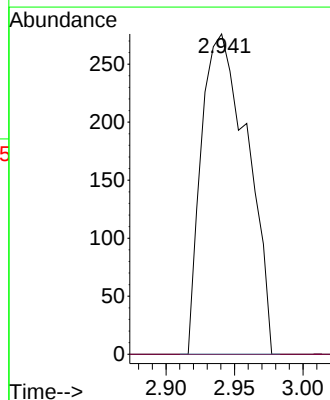
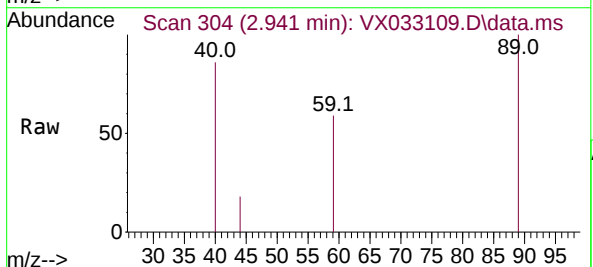
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

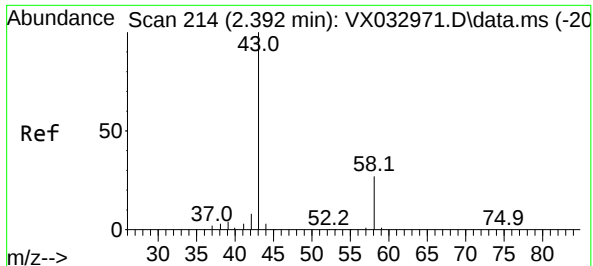
Tgt Ion:168 Resp: 130374
Ion Ratio Lower Upper
168 100
99 57.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 3.205 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX033109.D
Acq: 29 Nov 2022 11:53

Tgt Ion: 59 Resp: 645
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

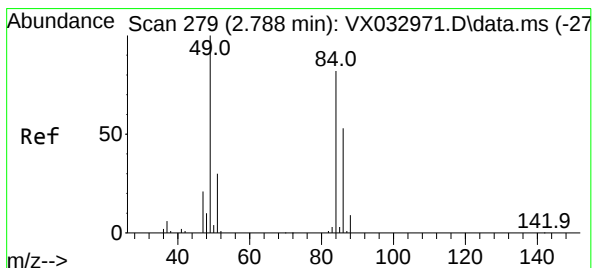
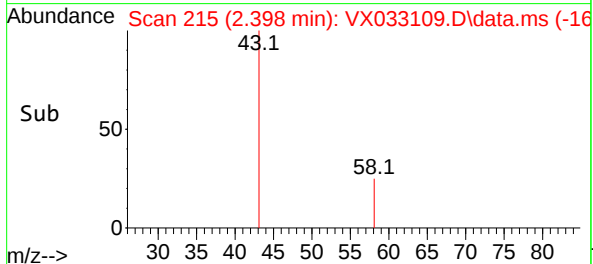
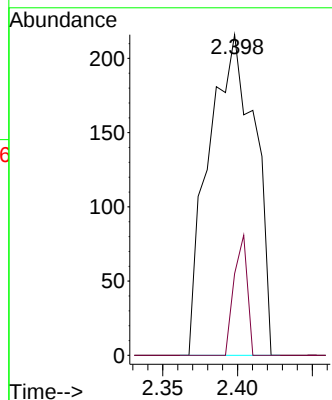
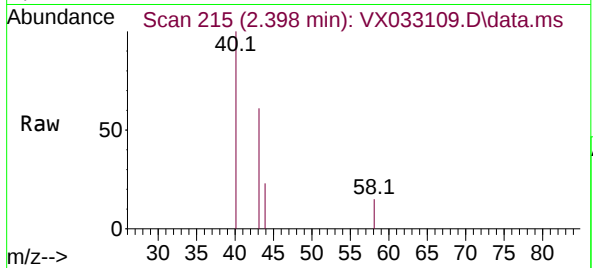




#16
Acetone
Concen: 0.781 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX033109.D
Acq: 29 Nov 2022 11:53

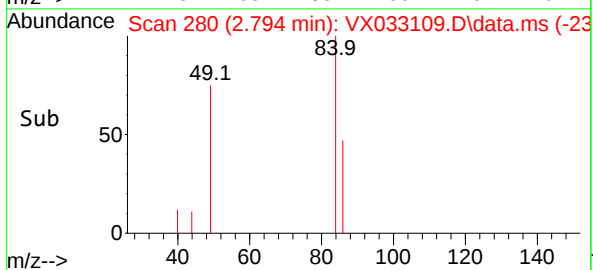
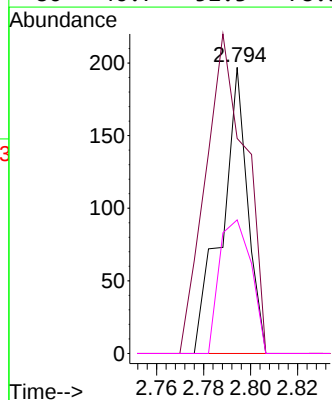
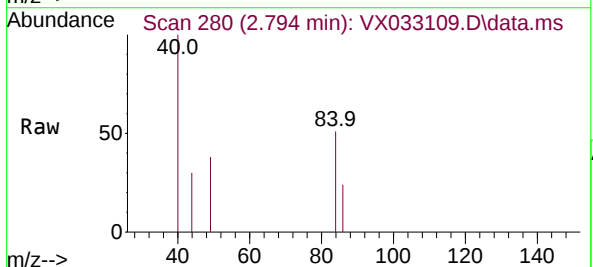
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

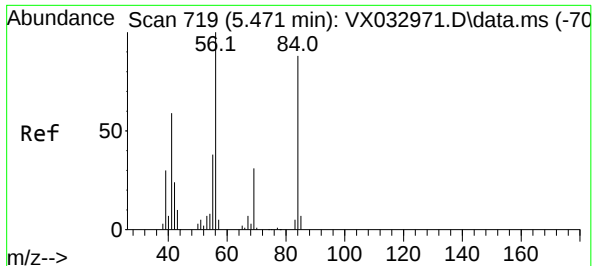
Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
58 25.5 23.8 35.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033109.D
Acq: 29 Nov 2022 11:53

Tgt Ion: 84 Resp: 151
Ion Ratio Lower Upper
84 100
49 75.1 101.0 151.6#
51 0.0 31.1 46.7#
86 46.7 52.3 78.5#

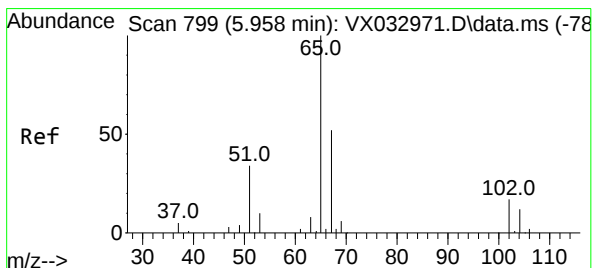
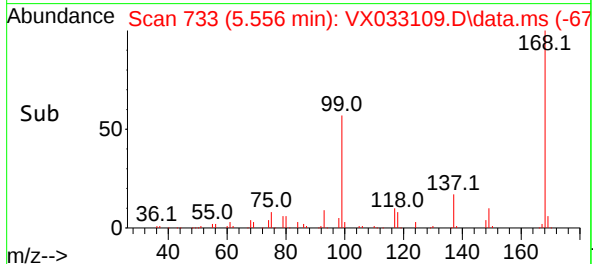
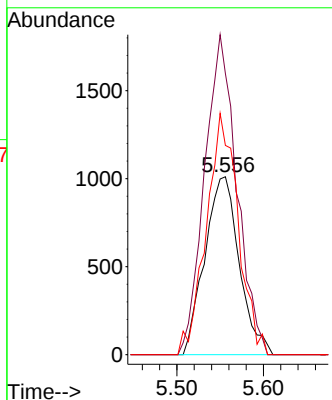
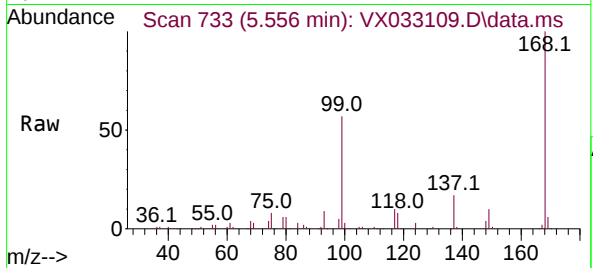




#31
Cyclohexane
Concen: 1.359 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033109.D
Acq: 29 Nov 2022 11:53

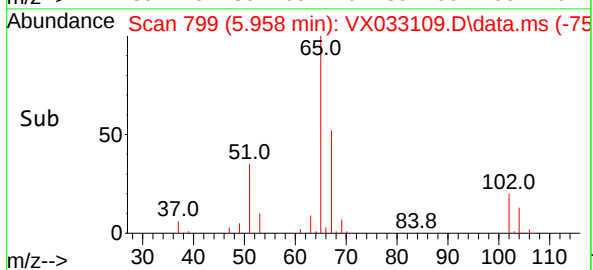
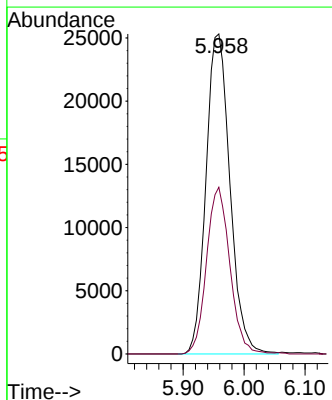
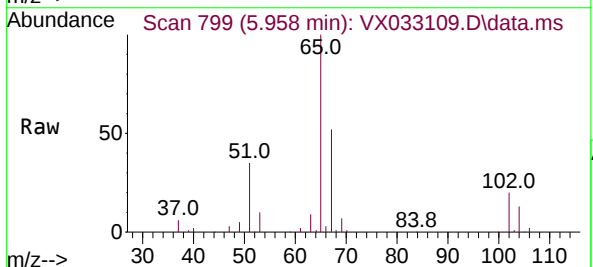
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 56 Resp: 2795
Ion Ratio Lower Upper
56 100
69 158.0 24.1 36.1#
84 117.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 54.558 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033109.D
Acq: 29 Nov 2022 11:53

Tgt Ion: 65 Resp: 69140
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

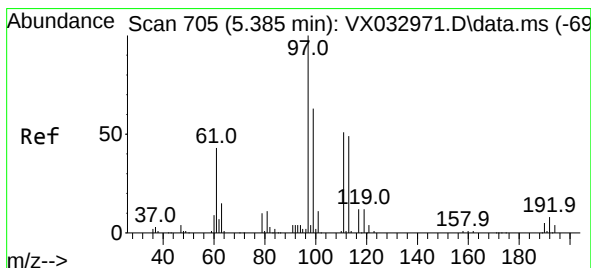
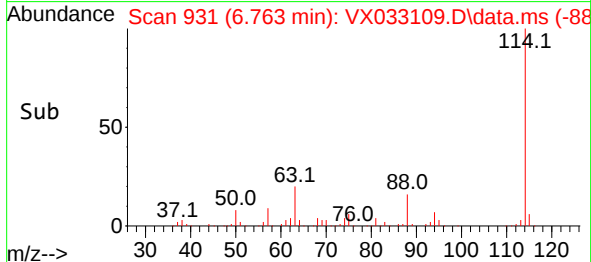
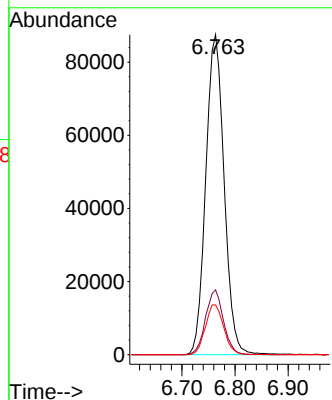
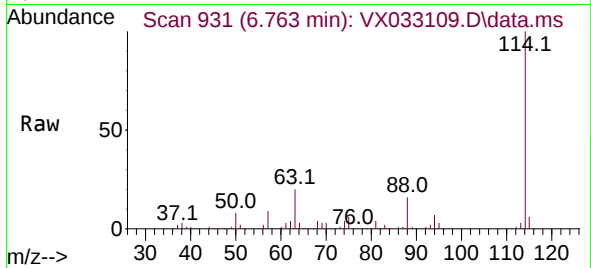




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033109.D
Acq: 29 Nov 2022 11:53

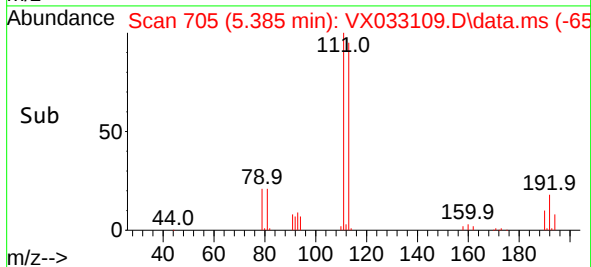
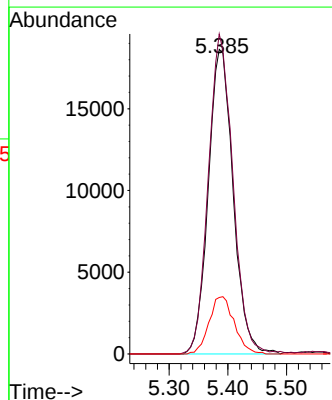
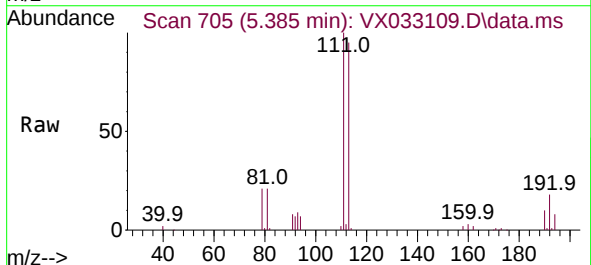
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

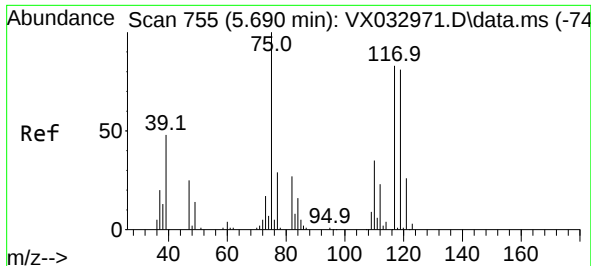
Tgt Ion:114 Resp: 210394
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.189 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033109.D
Acq: 29 Nov 2022 11:53

Tgt Ion:113 Resp: 54786
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 19.1 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.377 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033109.D

Acq: 29 Nov 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

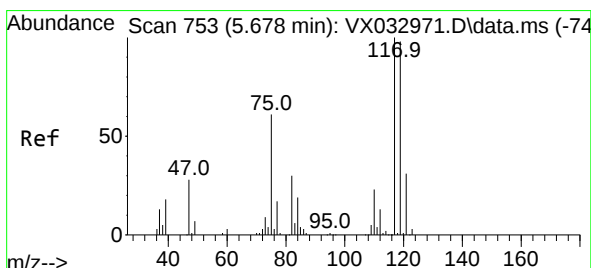
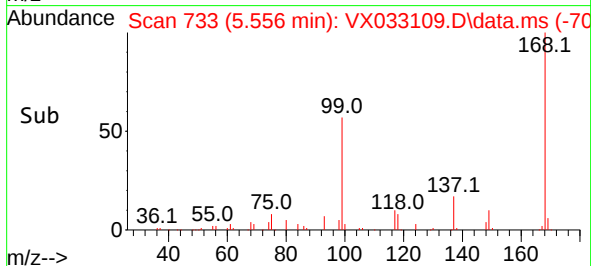
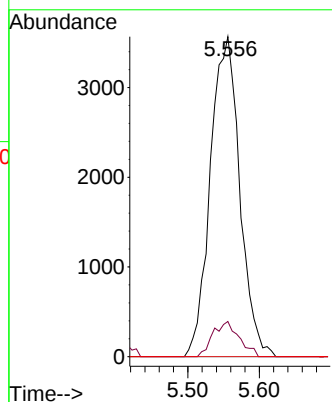
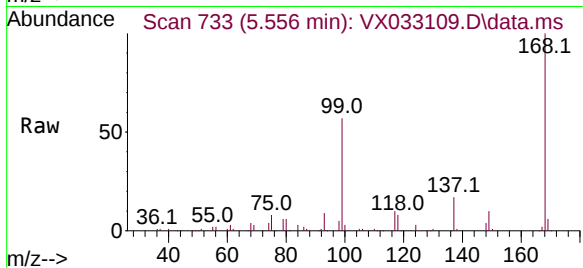
Tgt Ion: 75 Resp: 10198

Ion Ratio Lower Upper

75 100

110 9.8 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.250 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX033109.D

Acq: 29 Nov 2022 11:53

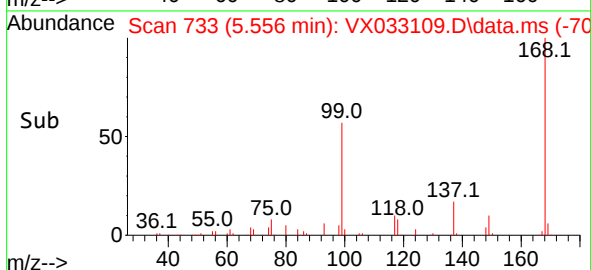
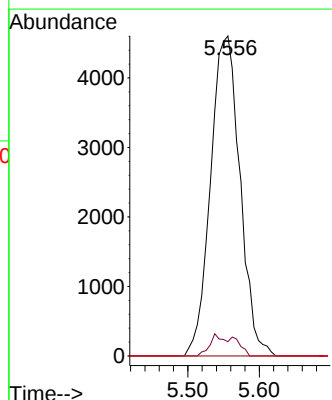
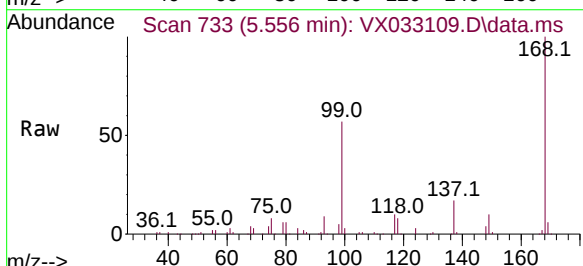
Tgt Ion: 117 Resp: 13150

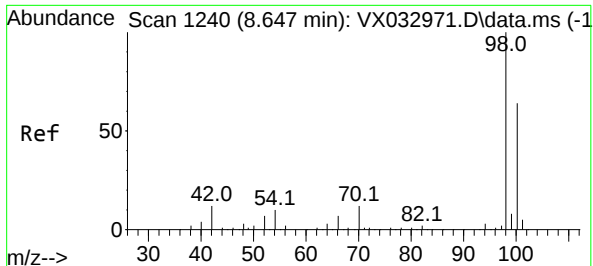
Ion Ratio Lower Upper

117 100

119 4.5 77.2 115.8#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 52.615 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033109.D

Acq: 29 Nov 2022 11:53

Instrument :

MSVOA_X

ClientSampleId :

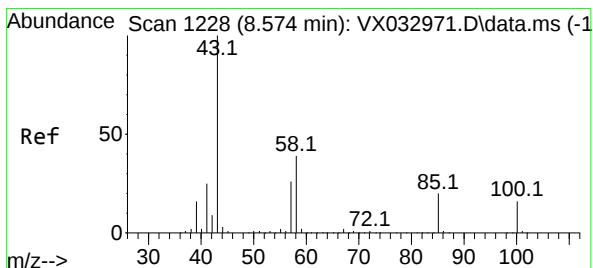
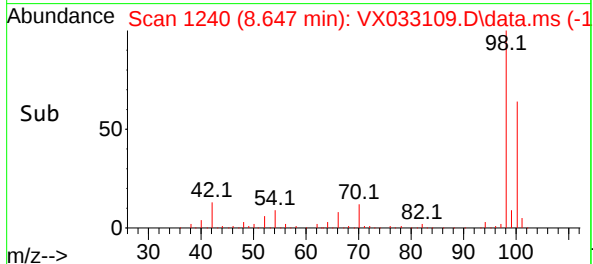
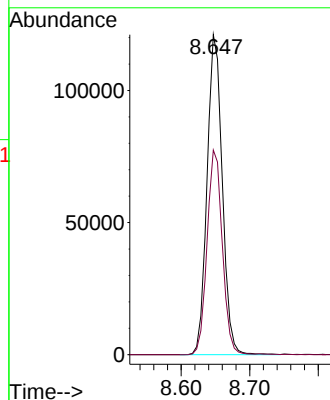
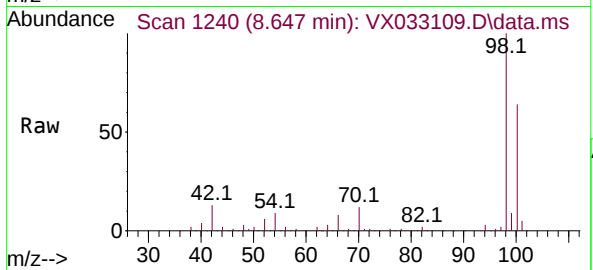
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 187370

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.461 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX033109.D

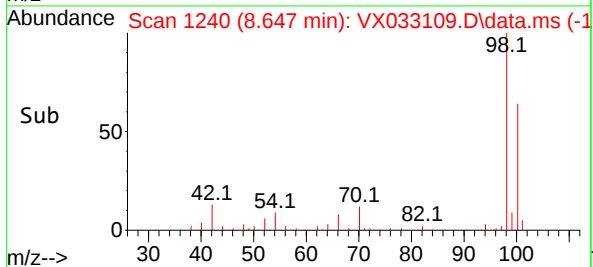
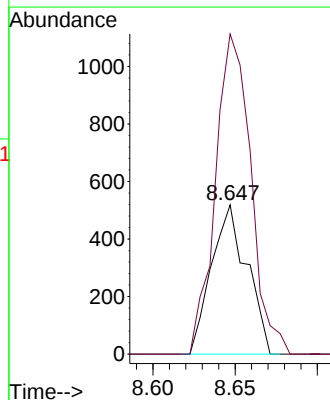
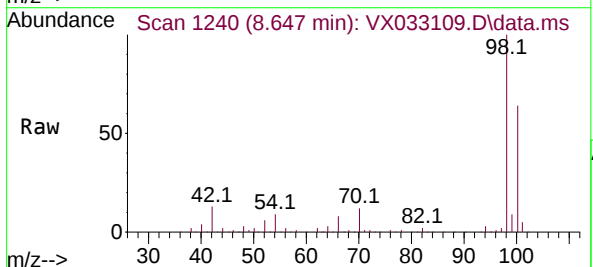
Acq: 29 Nov 2022 11:53

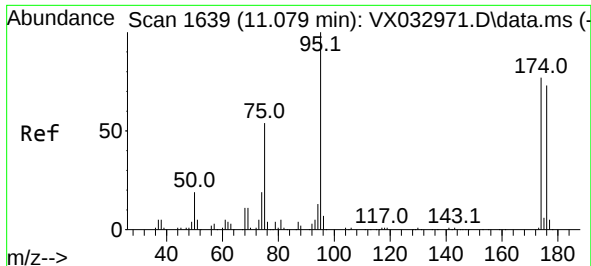
Tgt Ion: 43 Resp: 779

Ion Ratio Lower Upper

43 100

58 214.2 30.9 46.3#

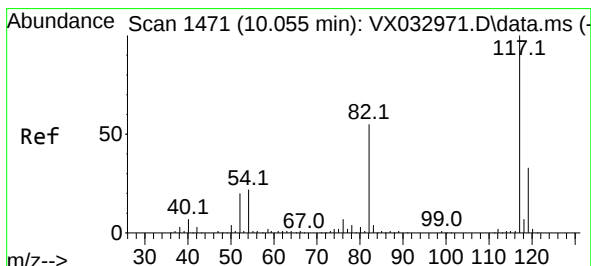
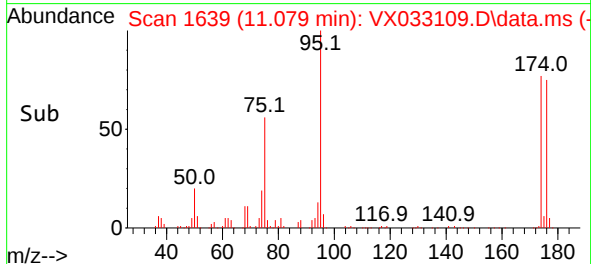
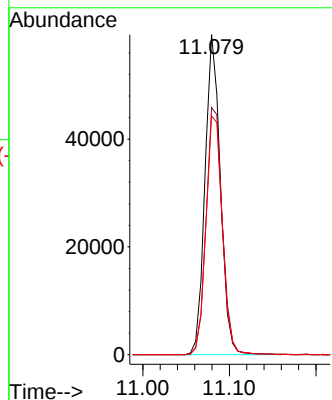
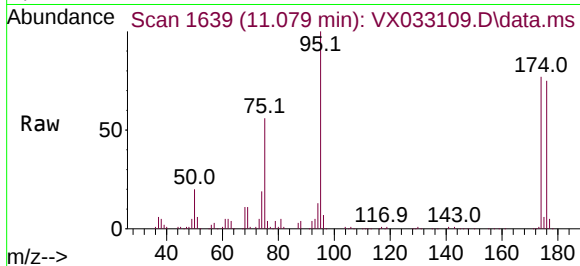




#62
4-Bromofluorobenzene
Concen: 46.982 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033109.D
Acq: 29 Nov 2022 11:53

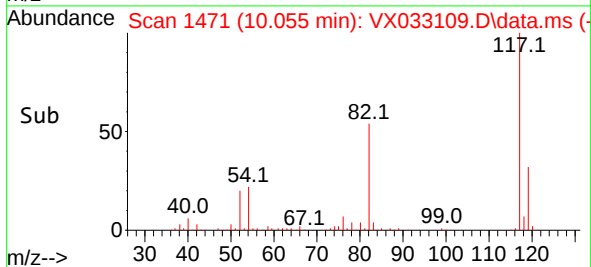
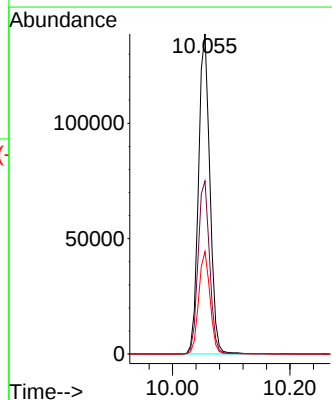
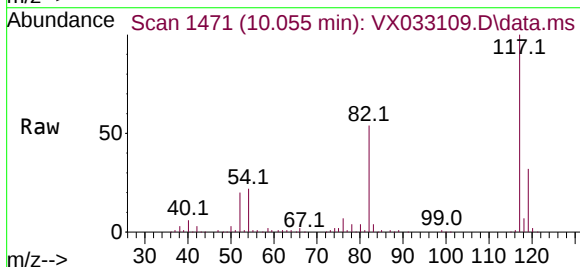
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

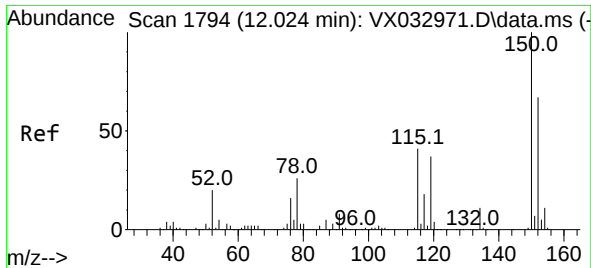
Tgt Ion: 95 Resp: 73203
Ion Ratio Lower Upper
95 100
174 81.9 0.0 164.0
176 79.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033109.D
Acq: 29 Nov 2022 11:53

Tgt Ion: 117 Resp: 186465
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.0 25.7 38.5

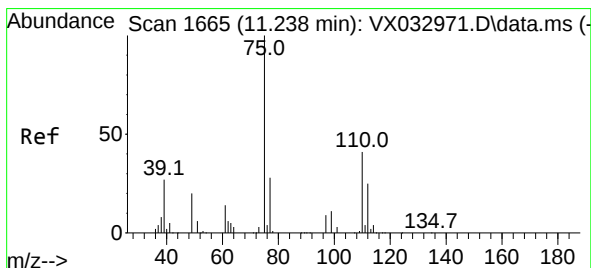
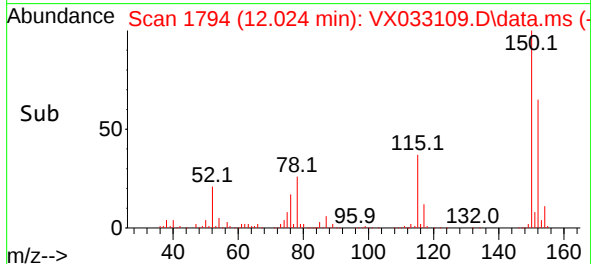
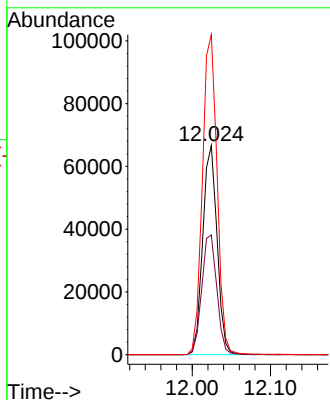
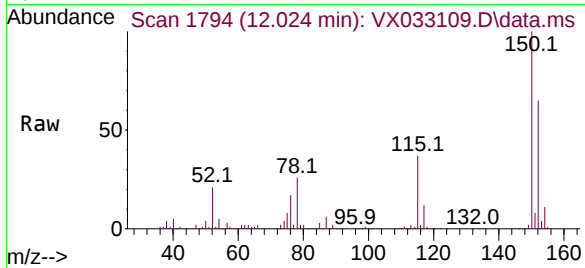




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033109.D
Acq: 29 Nov 2022 11:53

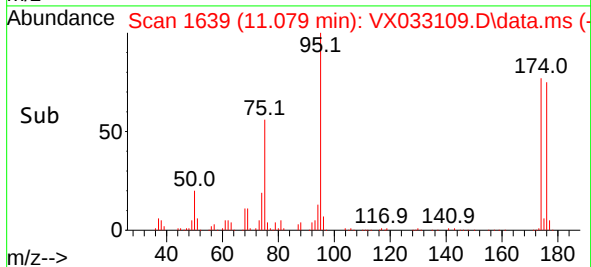
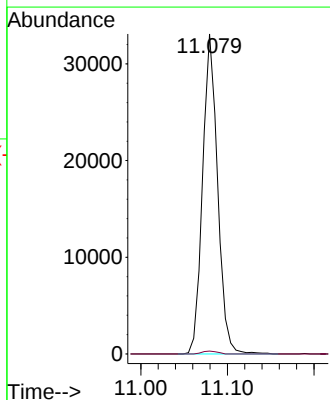
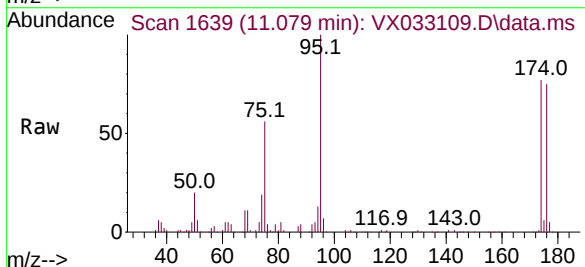
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

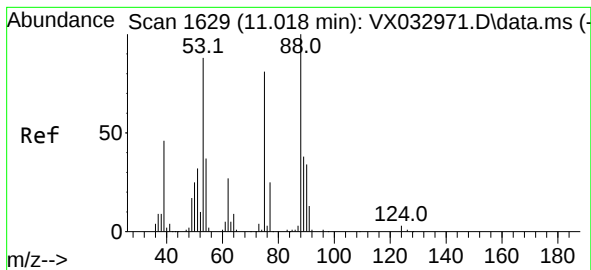
Tgt Ion:152 Resp: 84581
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 156.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 24.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033109.D
Acq: 29 Nov 2022 11:53

Tgt Ion: 75 Resp: 39841
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.846 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033109.D
 Acq: 29 Nov 2022 11:53

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

Tgt Ion: 75 Resp: 39841
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

