

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032819.D
 Acq On : 15 Nov 2022 13:53
 Operator : JC/MD
 Sample : N5612-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 16 03:33:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

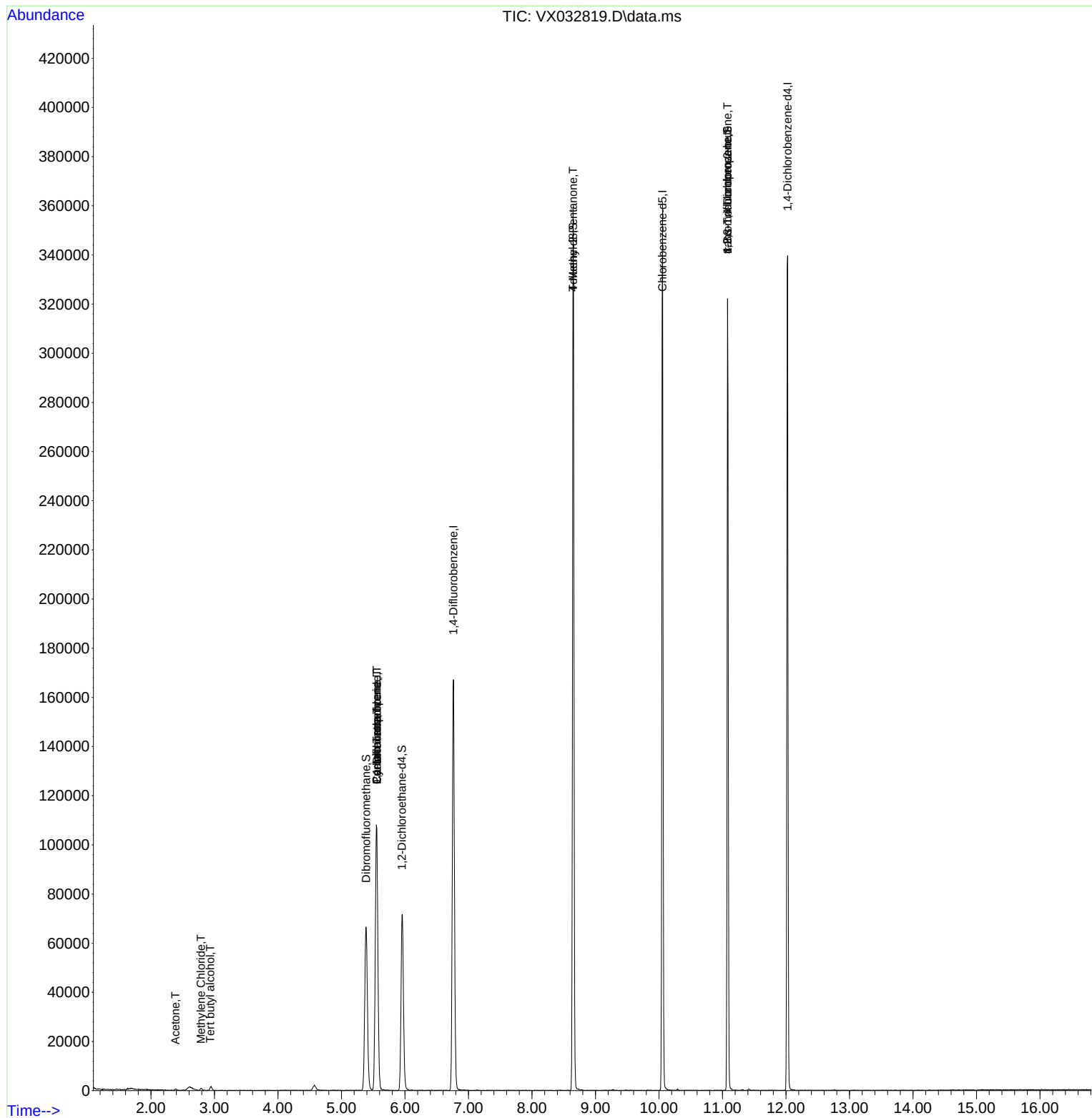
Internal Standards						
1) Pentafluorobenzene	5.556	168	103177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71307	49.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.480%
35) Dibromofluoromethane	5.385	113	57927	47.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	8.647	98	212073	49.887	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.780%
62) 4-Bromofluorobenzene	11.079	95	80924	48.732	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.935	59	874	4.189	ug/l #	72
16) Acetone	2.386	43	773	1.484	ug/l	89
20) Methylene Chloride	2.788	84	474	0.397	ug/l #	87
31) Cyclohexane	5.556	56	2160	1.243	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	8318	4.886	ug/l #	48
38) Carbon Tetrachloride	5.556	117	10698	5.666	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	947	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42679	26.832	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42679	85.380	ug/l #	6

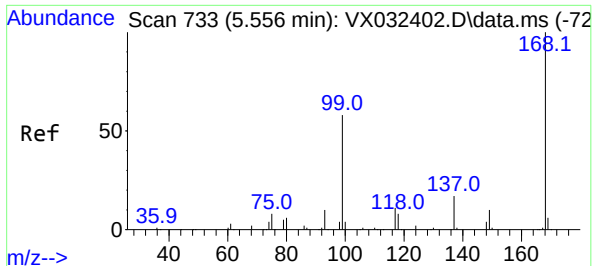
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Nov 16 03:33:36 2022
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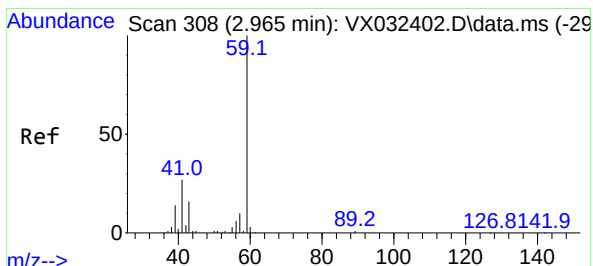
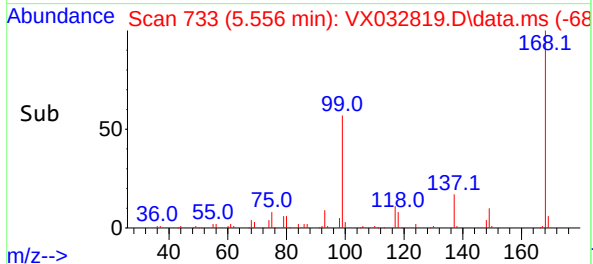
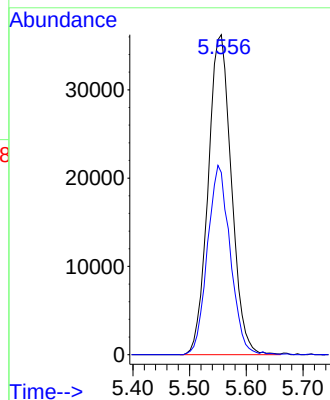
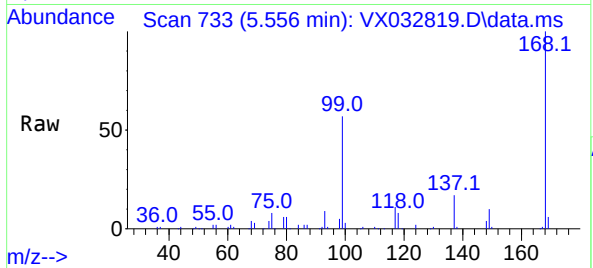




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

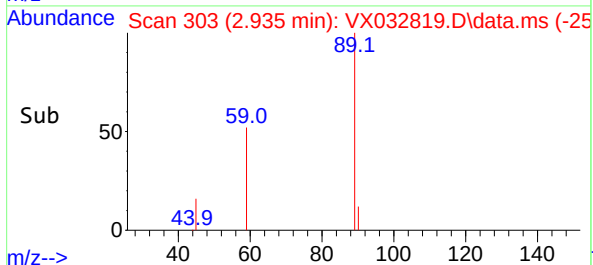
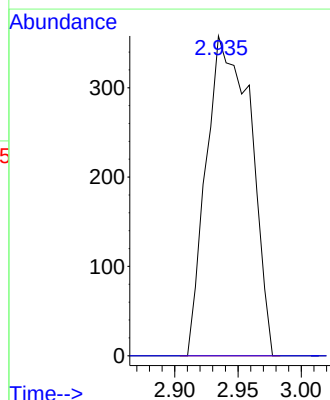
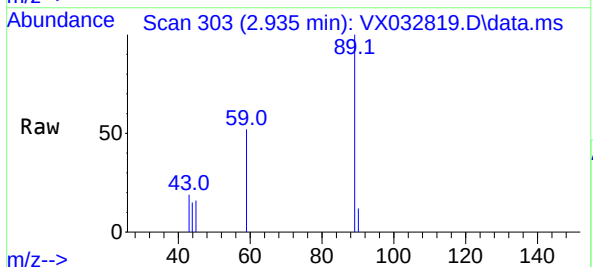
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

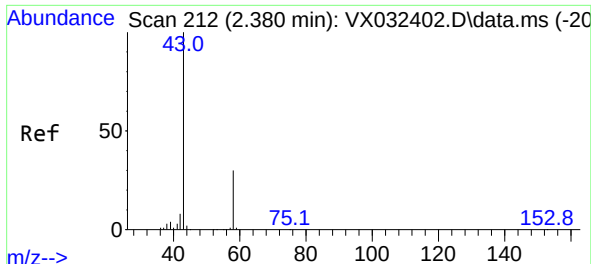
Tgt Ion:168 Resp: 103177
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 4.189 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.030 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

Tgt Ion: 59 Resp: 874
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

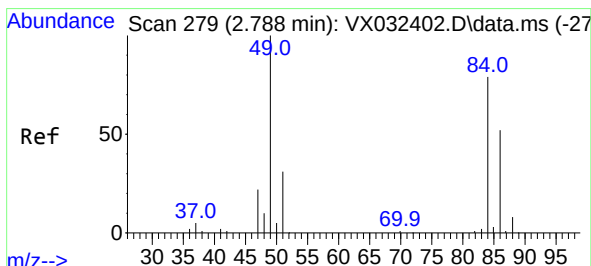
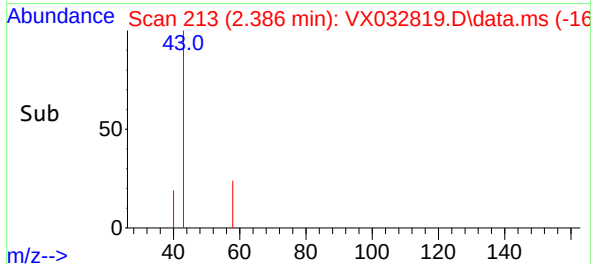
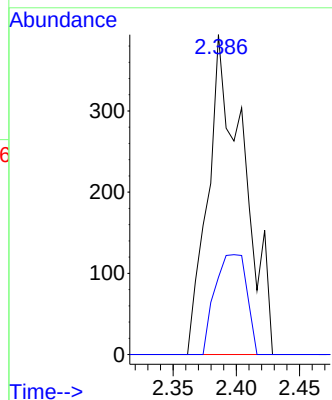
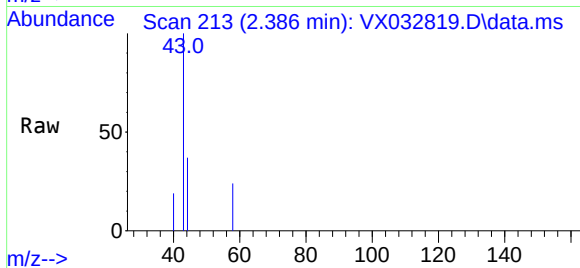




#16
Acetone
Concen: 1.484 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

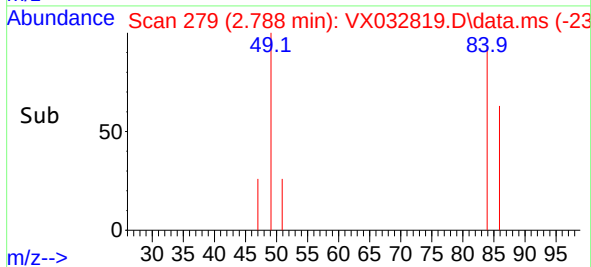
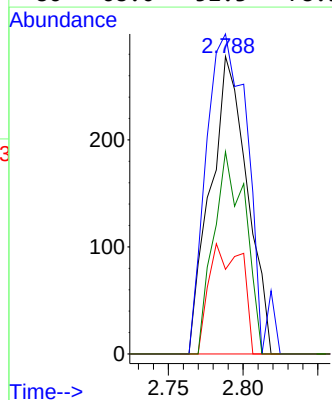
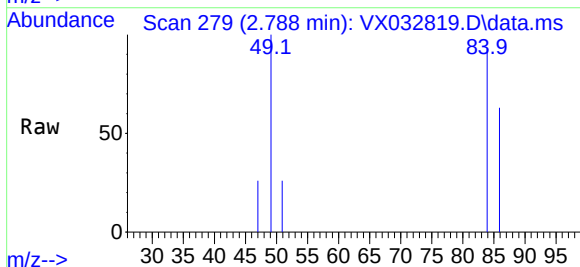
Instrument :
MSVOA_X
ClientSampleId :
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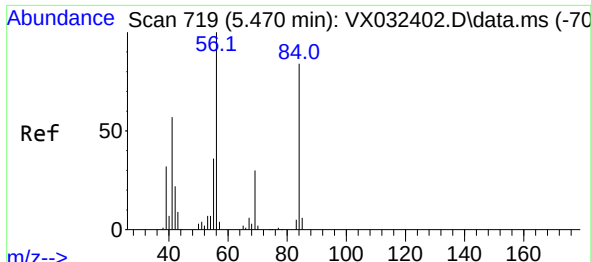
Tgt Ion: 43 Resp: 773
Ion Ratio Lower Upper
43 100
58 24.1 23.8 35.8



#20
Methylene Chloride
Concen: 0.397 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

Tgt Ion: 84 Resp: 474
Ion Ratio Lower Upper
84 100
49 107.6 101.0 151.6
51 28.4 31.1 46.7#
86 68.0 52.3 78.5

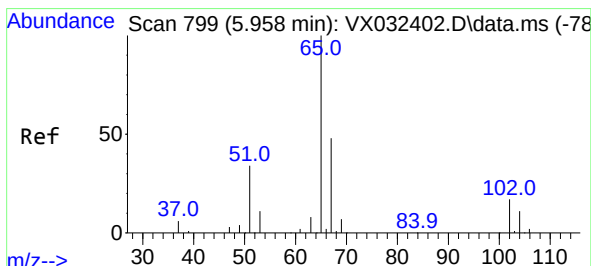
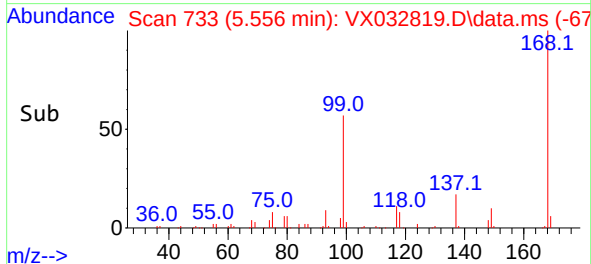
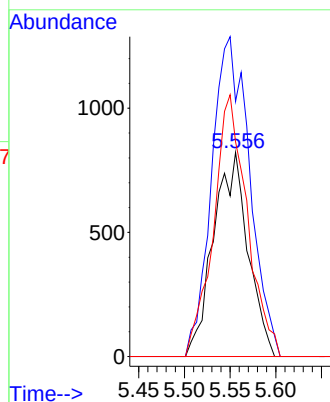
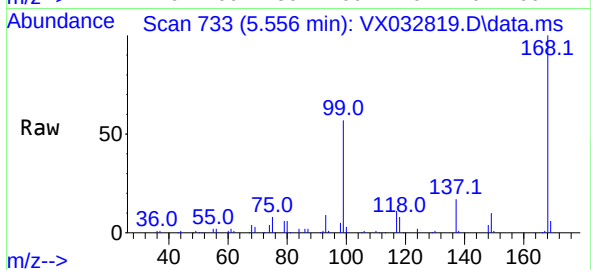




#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

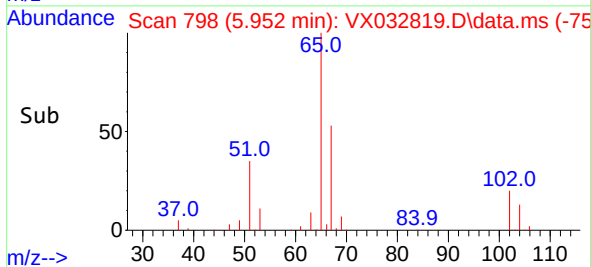
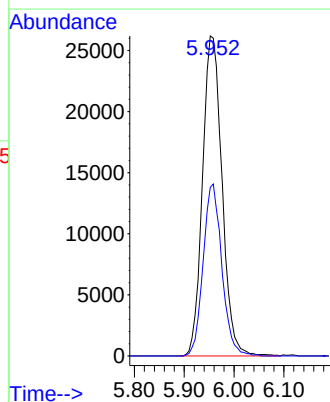
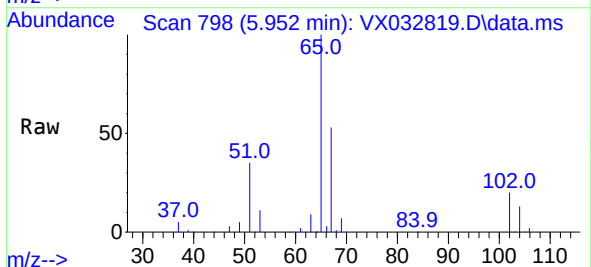
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

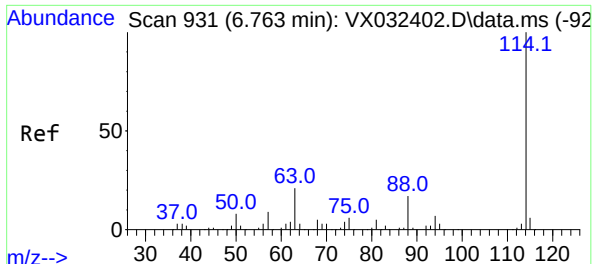
Tgt Ion: 56 Resp: 2160
Ion Ratio Lower Upper
56 100
69 124.9 24.1 36.1#
84 105.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.739 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

Tgt Ion: 65 Resp: 71307
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

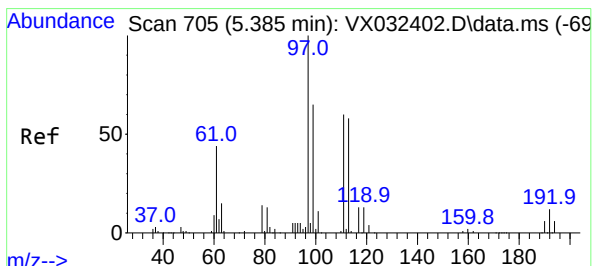
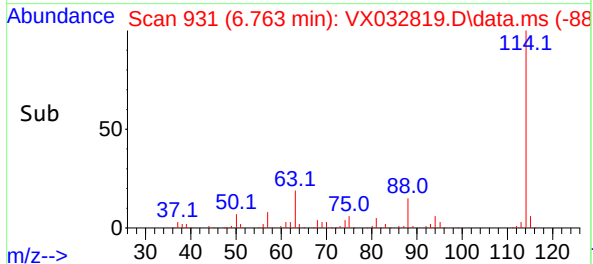
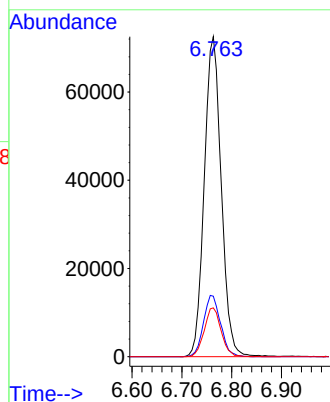
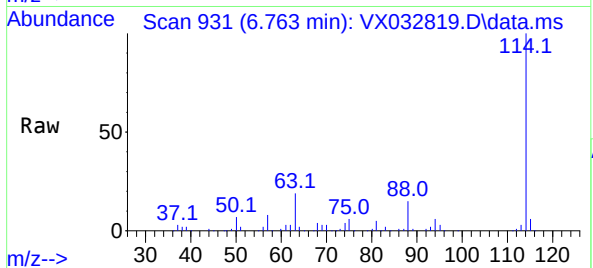




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

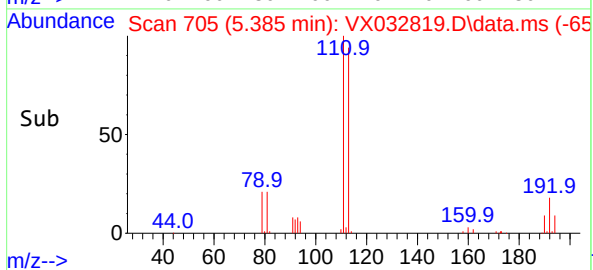
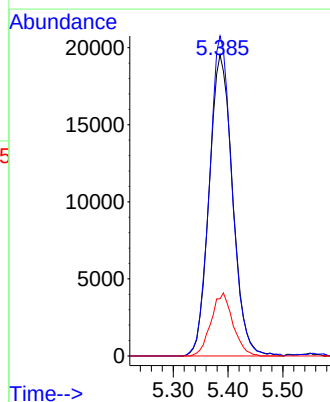
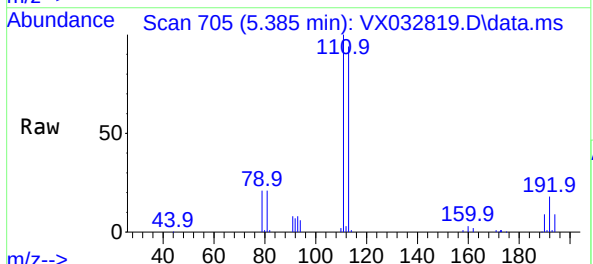
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

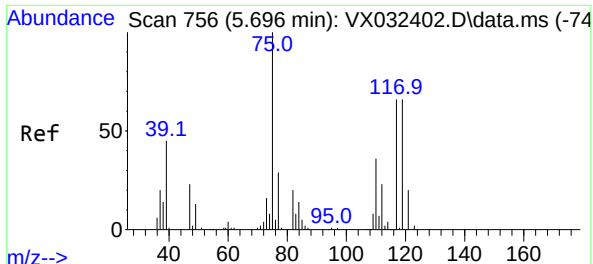
Tgt Ion:114 Resp: 171392
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.382 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

Tgt Ion:113 Resp: 57927
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.5 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.886 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX032819.D

Acq: 15 Nov 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

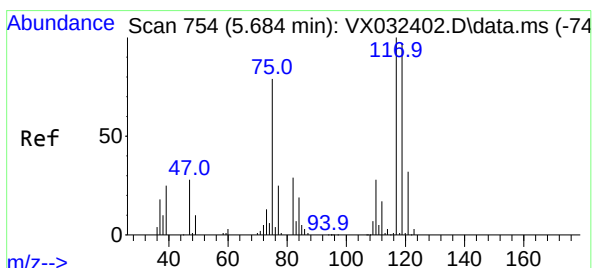
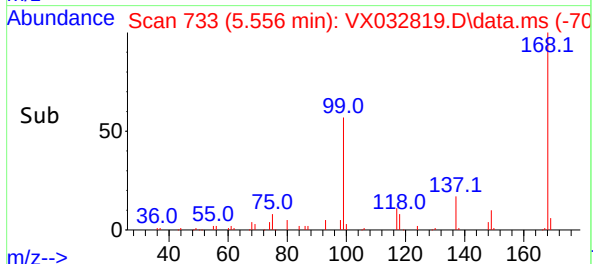
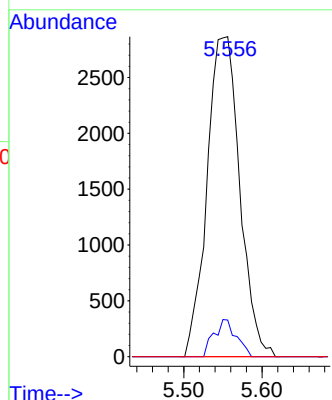
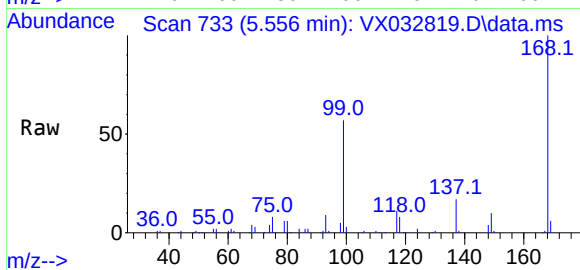
Tgt Ion: 75 Resp: 8318

Ion Ratio Lower Upper

75 100

110 7.9 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.666 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX032819.D

Acq: 15 Nov 2022 13:53

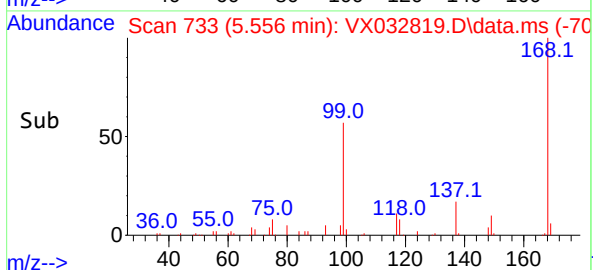
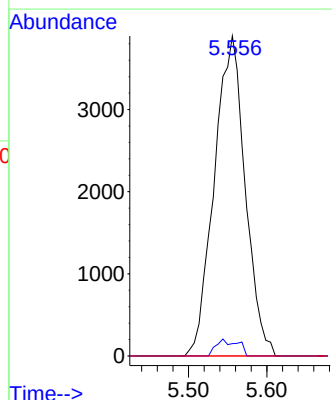
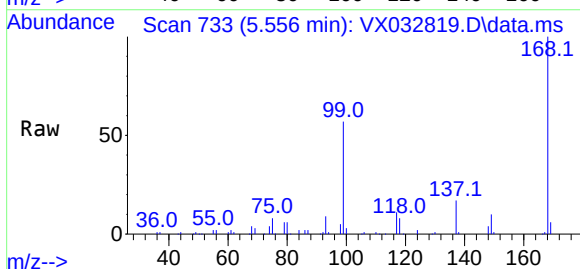
Tgt Ion: 117 Resp: 10698

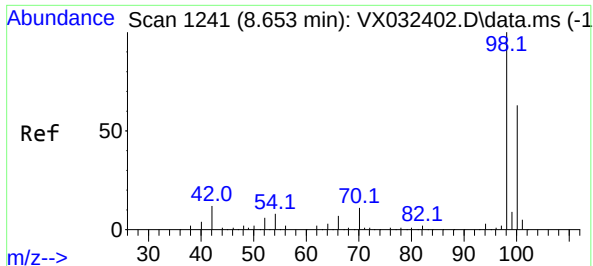
Ion Ratio Lower Upper

117 100

119 3.9 77.2 115.8#

121 0.0 25.8 38.6#

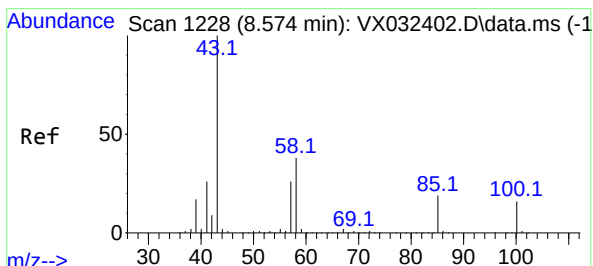
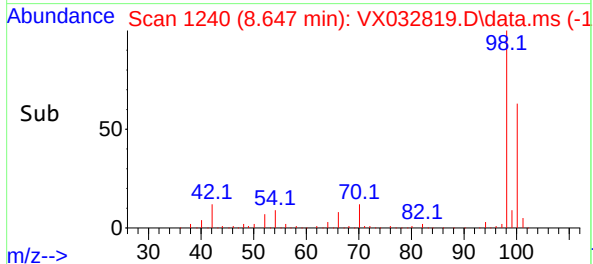
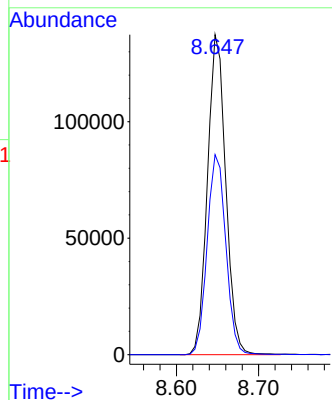
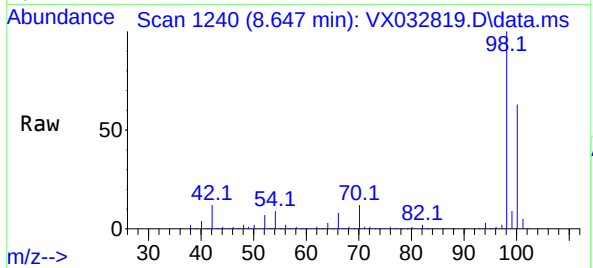




#50
Toluene-d8
Concen: 49.887 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

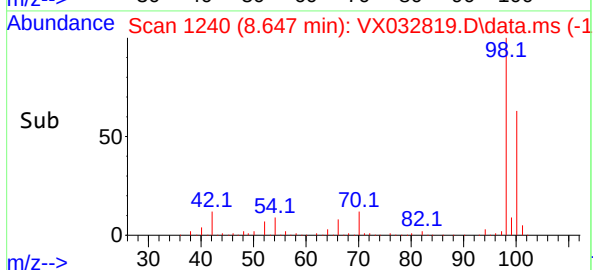
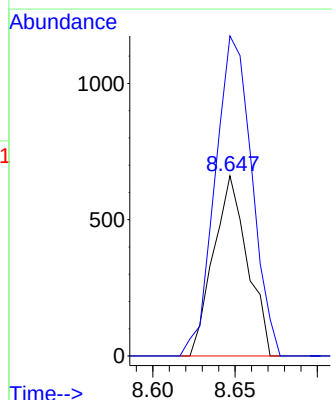
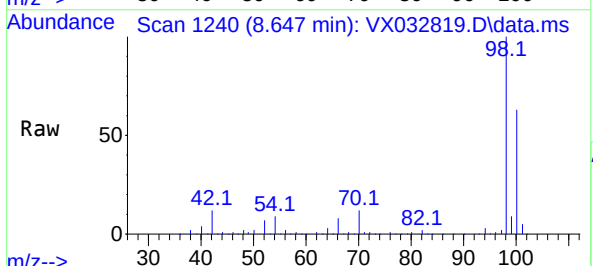
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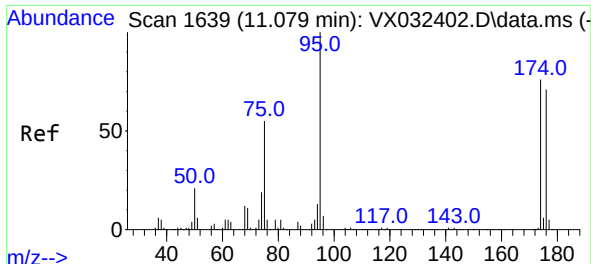
Tgt Ion: 98 Resp: 212073
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.553 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 192.6 30.9 46.3#

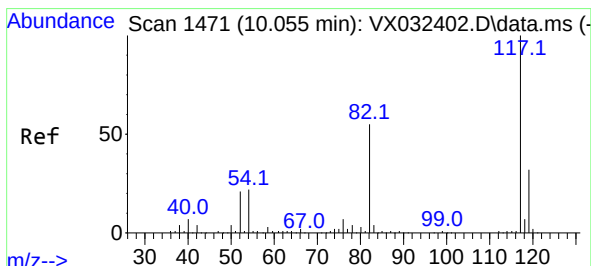
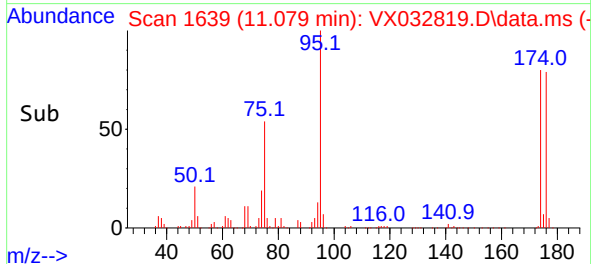
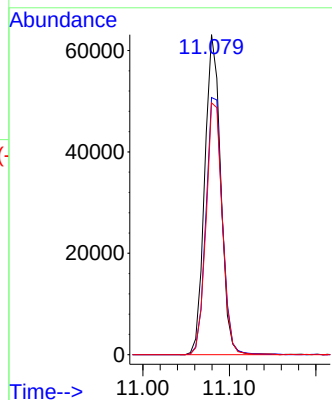
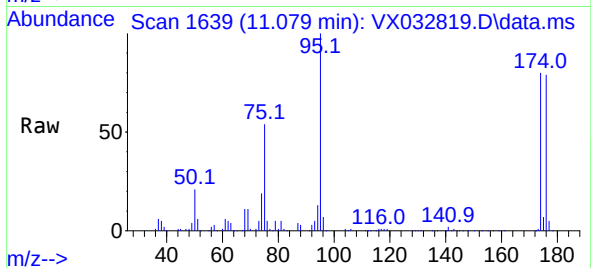




#62
4-Bromofluorobenzene
Concen: 48.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

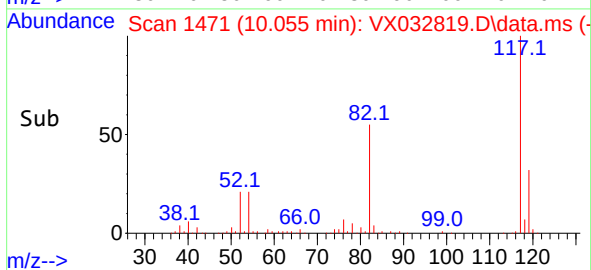
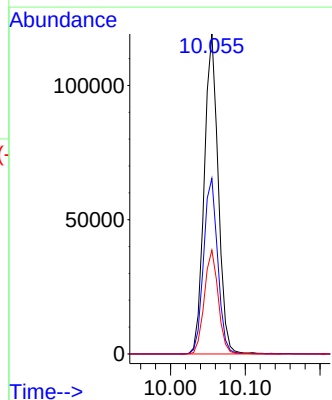
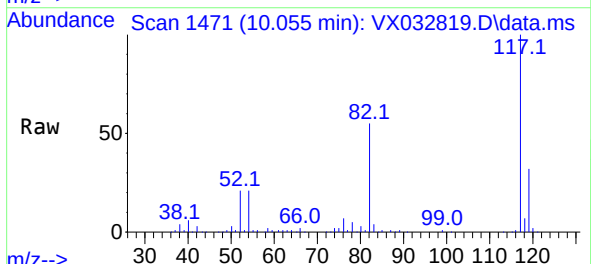
Instrument :
MSVOA_X
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STORAGE-BLANK-SOIL-REF-6

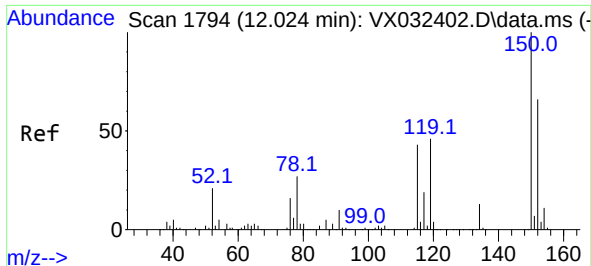
Tgt Ion: 95 Resp: 80924
Ion Ratio Lower Upper
95 100
174 82.6 0.0 164.0
176 79.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

Tgt Ion: 117 Resp: 154659
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.5 25.7 38.5

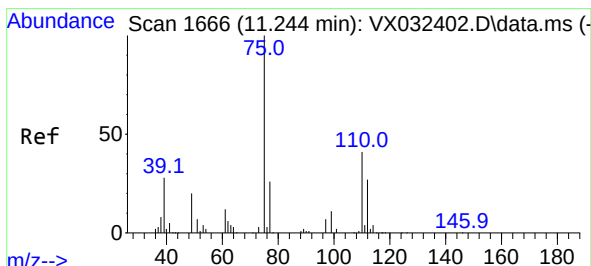
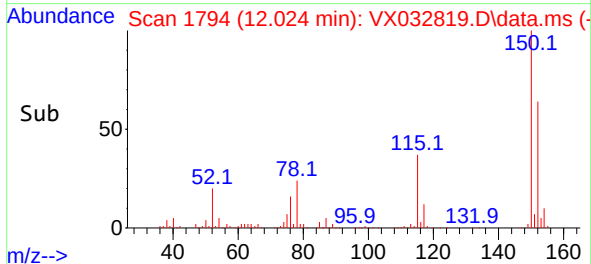
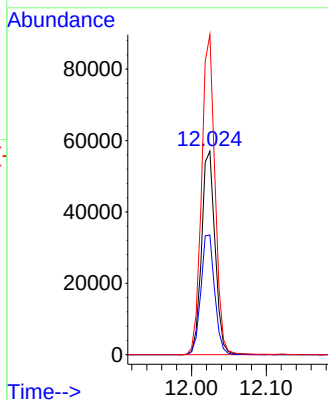
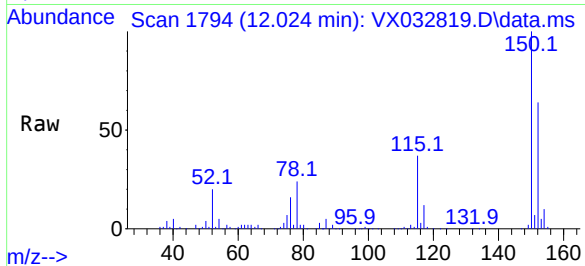




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

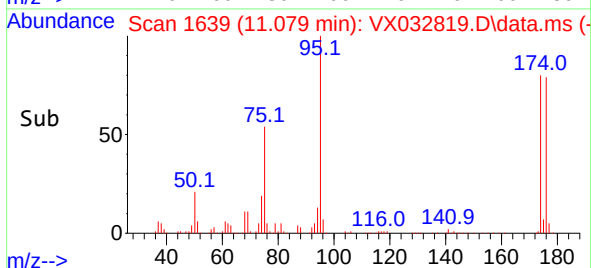
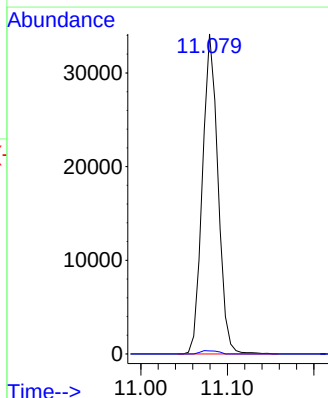
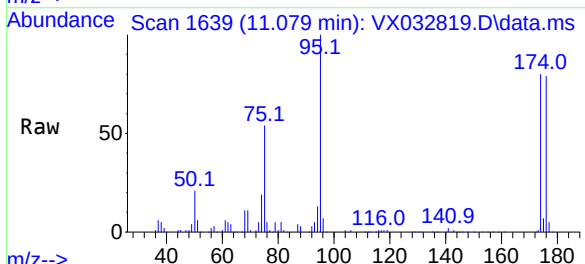
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

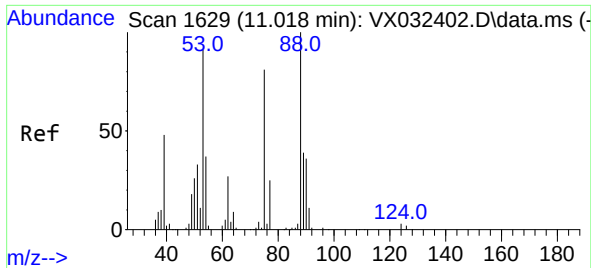
Tgt Ion:152 Resp: 71496
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 156.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.832 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032819.D
Acq: 15 Nov 2022 13:53

Tgt Ion: 75 Resp: 42679
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.380 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032819.D
 Acq: 15 Nov 2022 13:53

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

Tgt Ion: 75 Resp: 42679
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

