

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026976.D
 Acq On : 11 Feb 2022 18:47
 Operator : JC/MD
 Sample : N1519-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 12 04:33:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

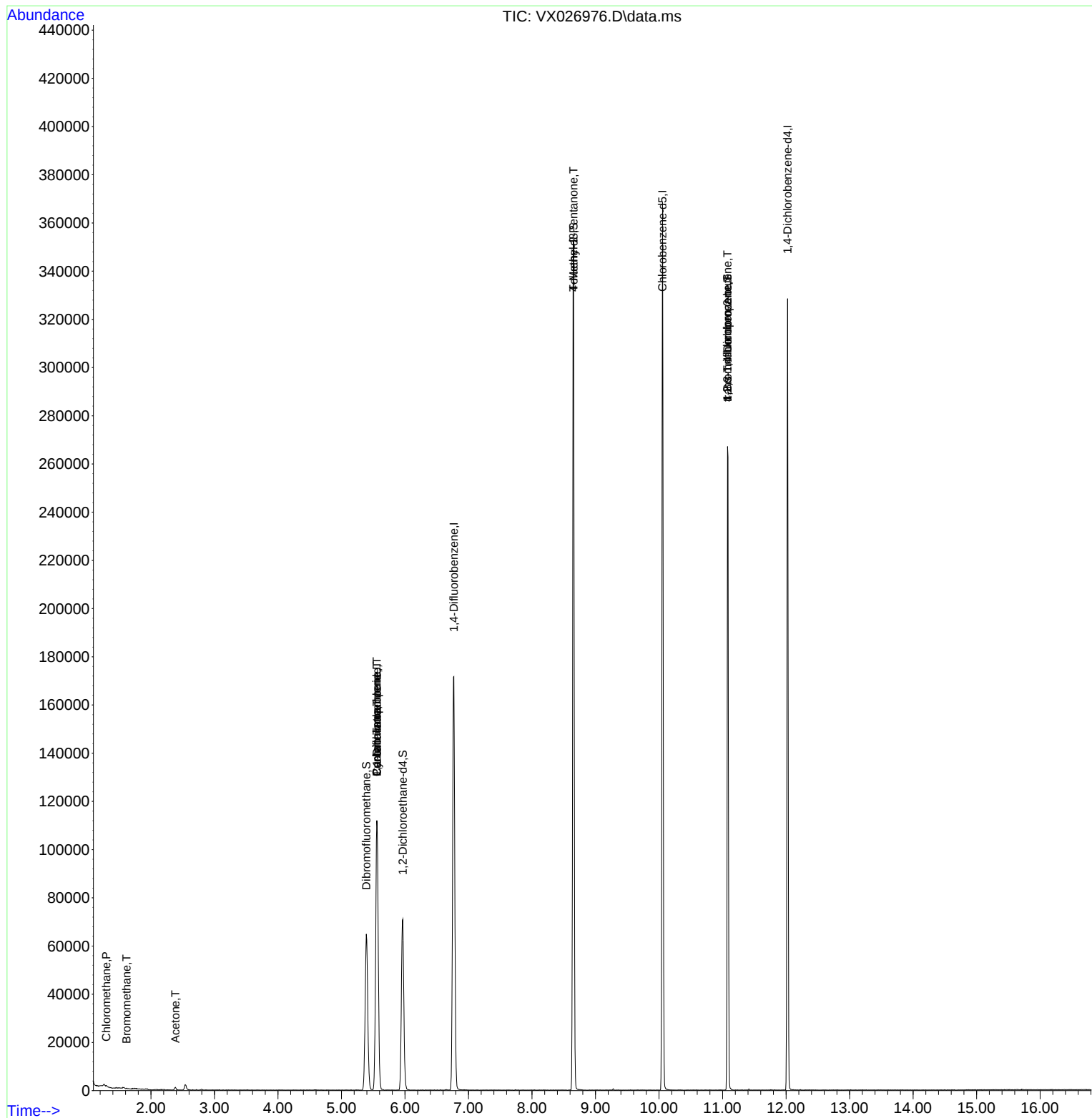
Internal Standards						
1) Pentafluorobenzene	5.556	168	105968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	178648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	70006	55.034	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.060%	
35) Dibromofluoromethane	5.391	113	56449	53.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.080%	
50) Toluene-d8	8.653	98	210080	53.771	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.540%	
62) 4-Bromofluorobenzene	11.079	95	75689	55.027	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	336	0.313	ug/l #	81
5) Bromomethane	1.617	94	102	0.214	ug/l	92
16) Acetone	2.386	43	1358	2.431	ug/l	95
31) Cyclohexane	5.556	56	2230	1.103	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8365	4.982	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11141	6.327	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	931	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37664	25.637	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	37664	78.112	ug/l #	3

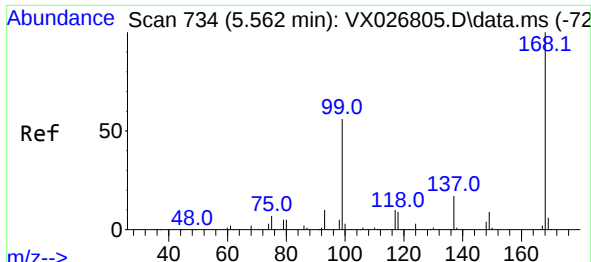
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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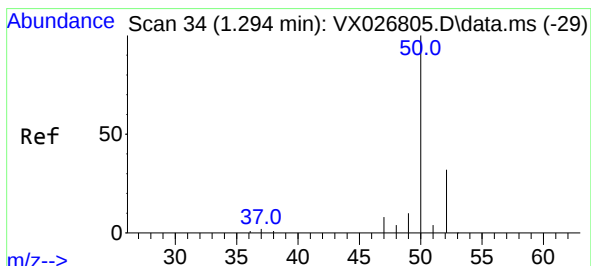
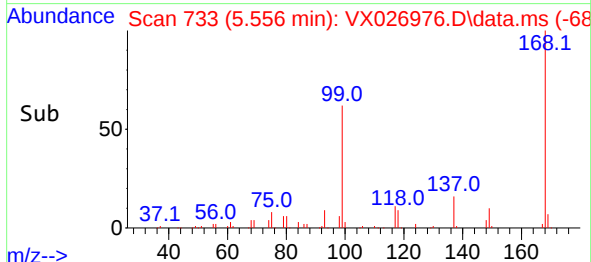
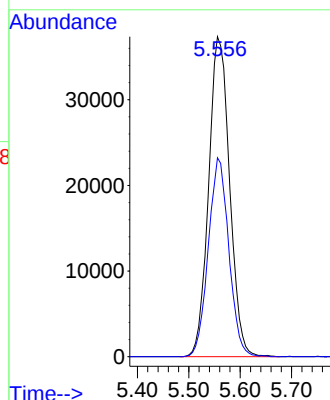
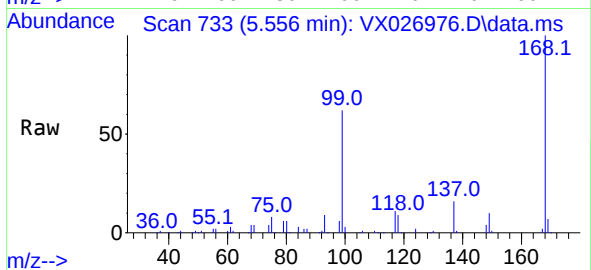




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

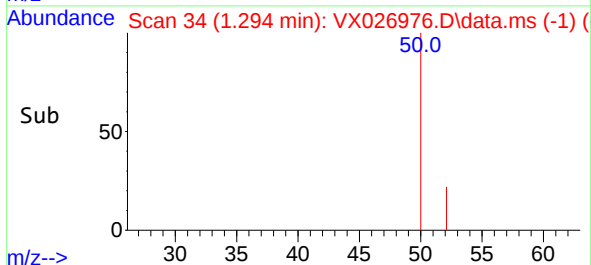
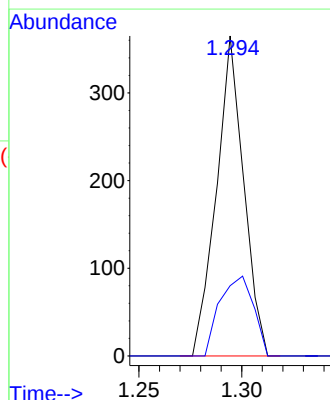
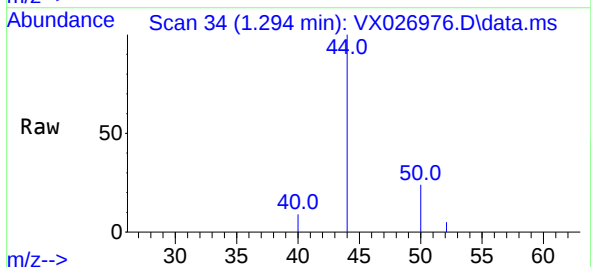
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

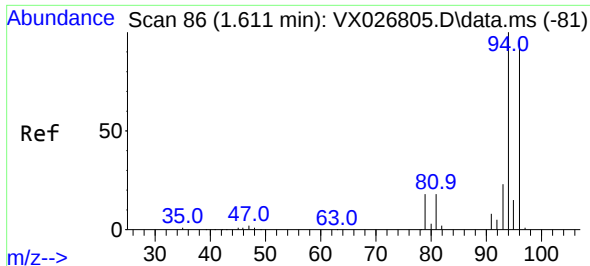
Tgt Ion:168 Resp: 105968
Ion Ratio Lower Upper
168 100
99 62.1 50.3 75.5



#3
Chloromethane
Concen: 0.313 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

Tgt Ion: 50 Resp: 336
Ion Ratio Lower Upper
50 100
52 21.9 26.1 39.1#

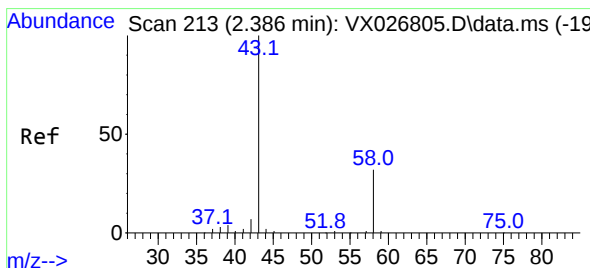
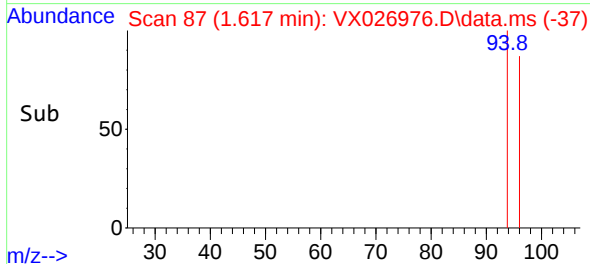
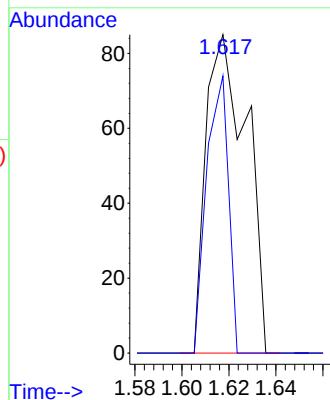
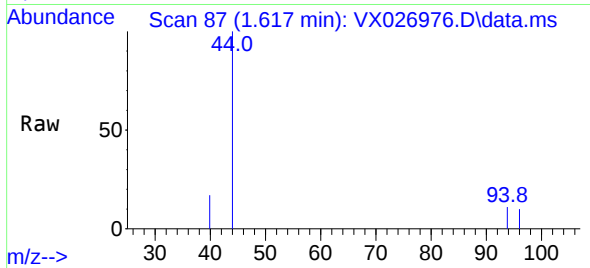




#5
Bromomethane
Concen: 0.214 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

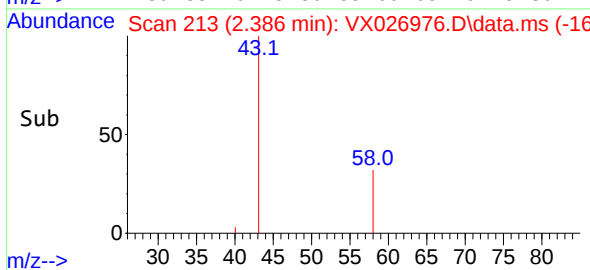
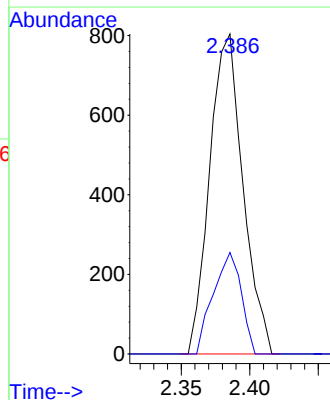
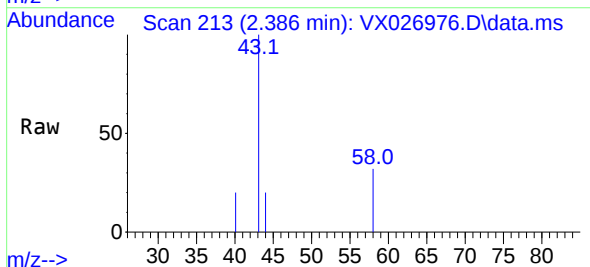
Instrument :
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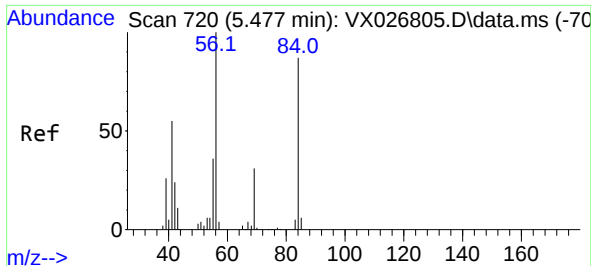
Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 87.1 75.9 113.9



#16
Acetone
Concen: 2.431 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
58 31.7 23.0 34.6

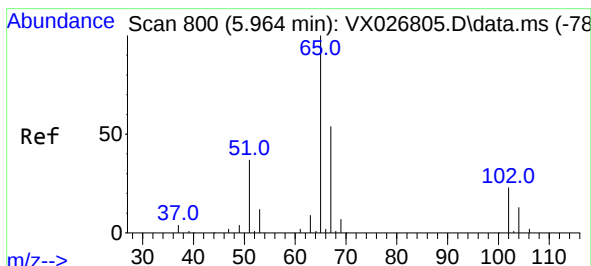
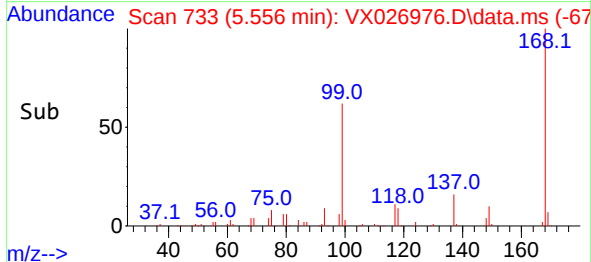
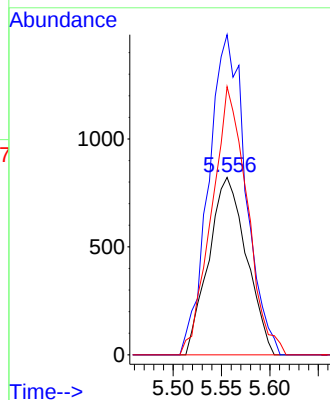
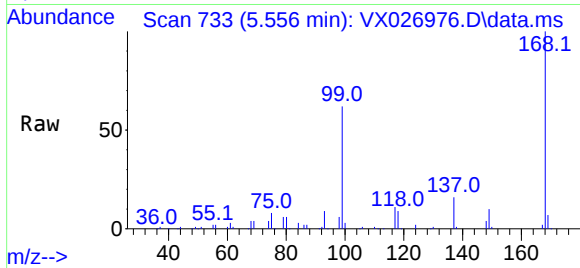




#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

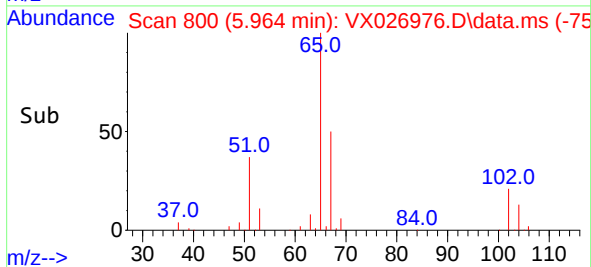
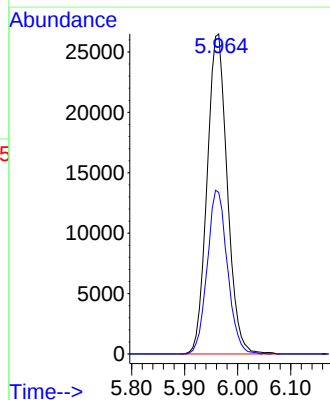
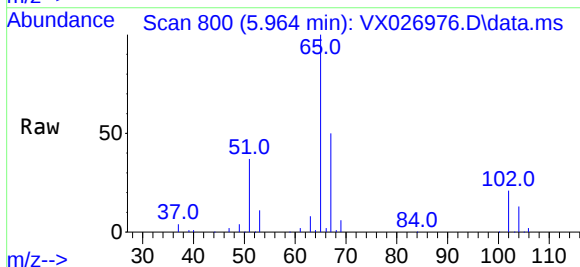
Instrument :
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ClientSampleId :
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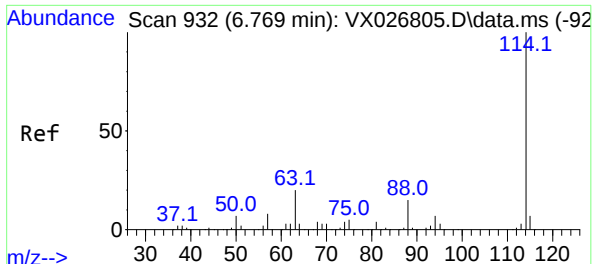
Tgt Ion: 56 Resp: 2230
Ion Ratio Lower Upper
56 100
69 180.4 25.8 38.6#
84 151.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.034 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

Tgt Ion: 65 Resp: 70006
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.8

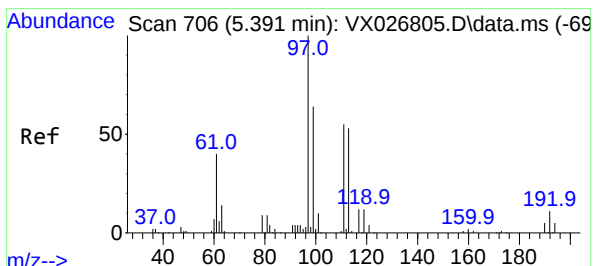
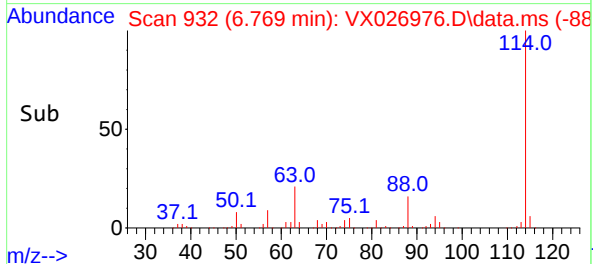
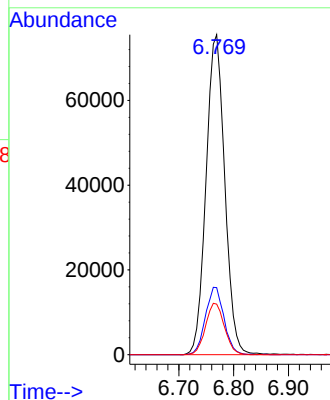
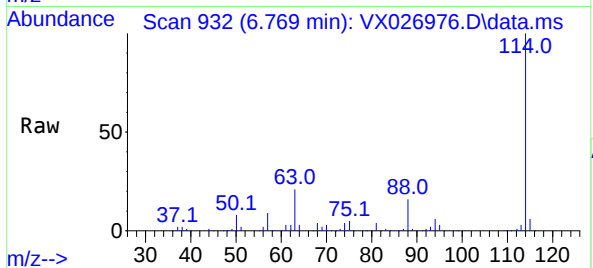




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

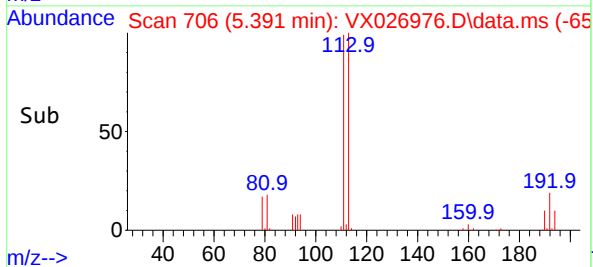
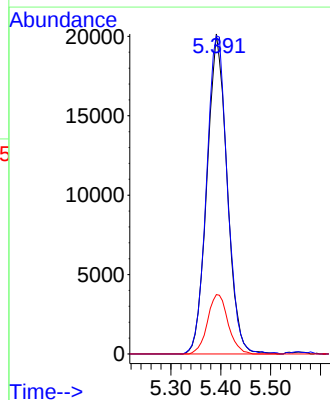
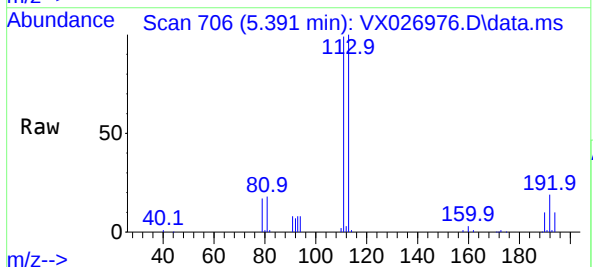
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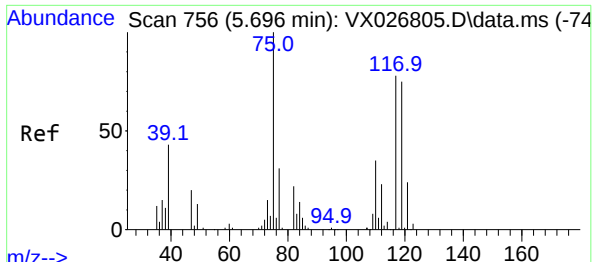
Tgt Ion:114 Resp: 178648
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 15.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 53.036 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

Tgt Ion:113 Resp: 56449
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.0 15.0 22.4

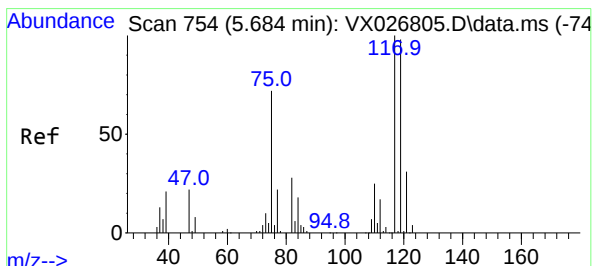
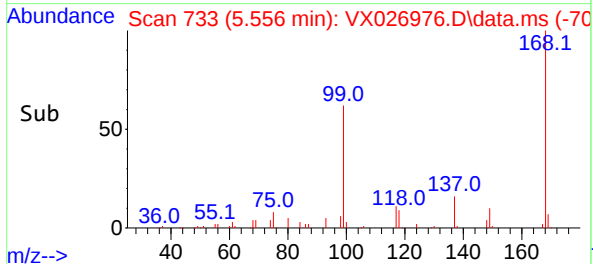
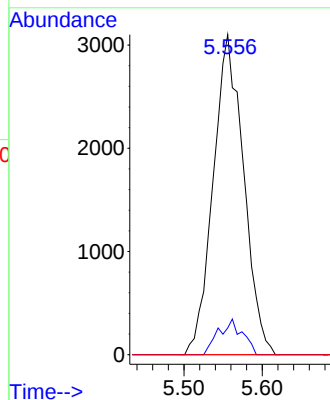
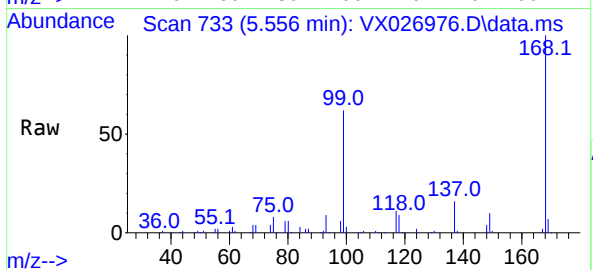




#36
1,1-Dichloropropene
Concen: 4.982 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

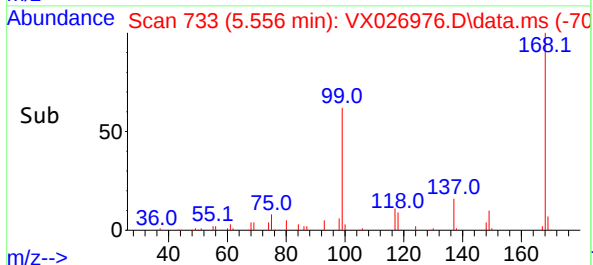
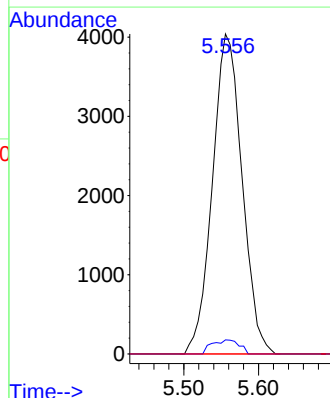
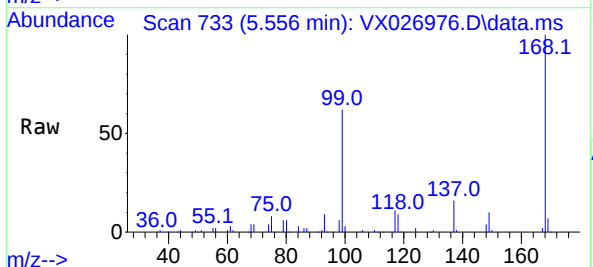
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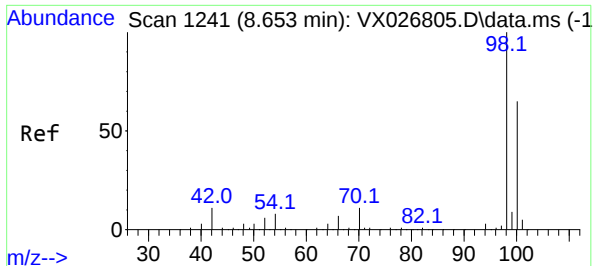
Tgt Ion: 75 Resp: 8365
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.327 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

Tgt Ion: 117 Resp: 11141
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#

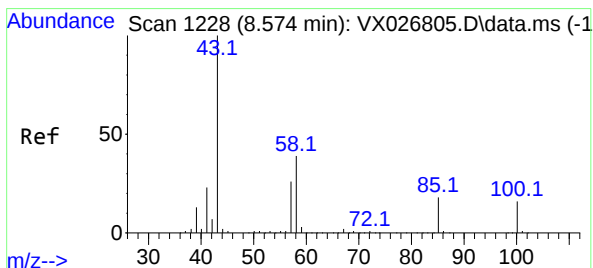
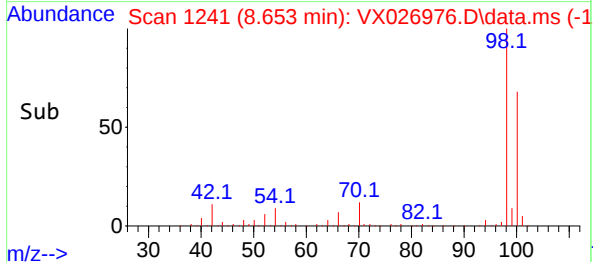
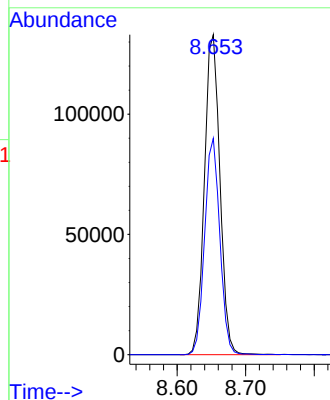
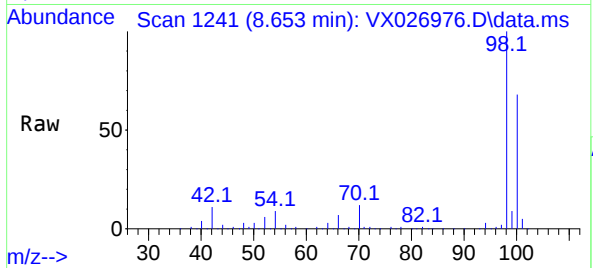




#50
Toluene-d8
Concen: 53.771 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

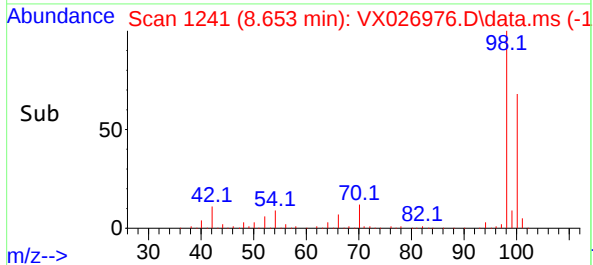
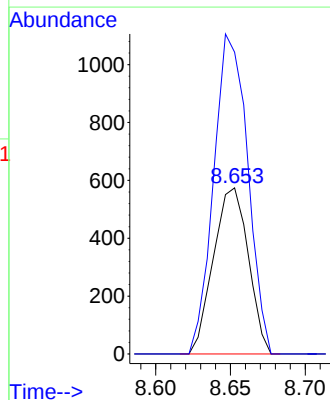
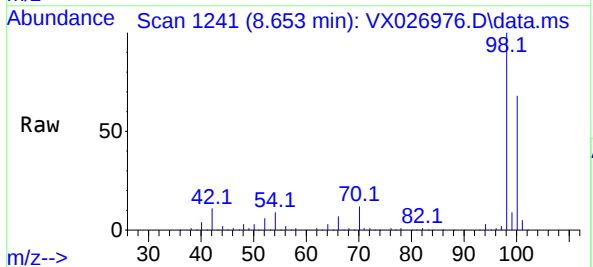
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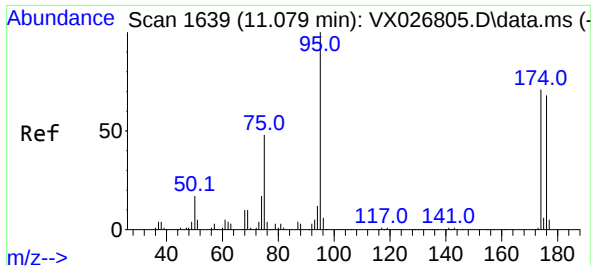
Tgt Ion: 98 Resp: 210080
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
58 187.4 30.5 45.7#

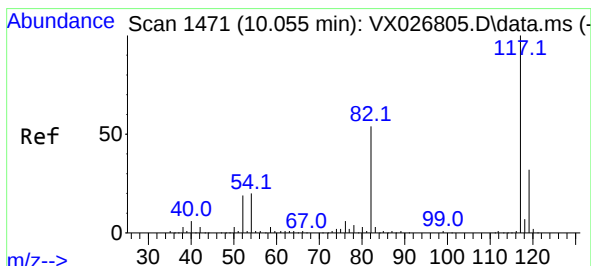
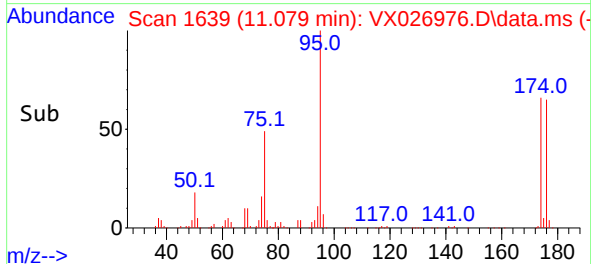
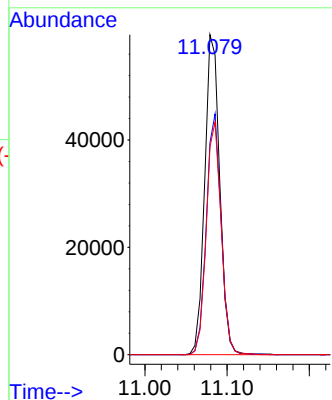
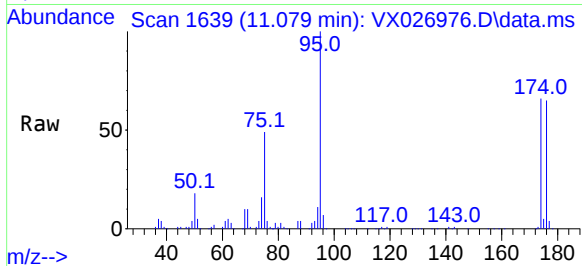




#62
4-Bromofluorobenzene
Concen: 55.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

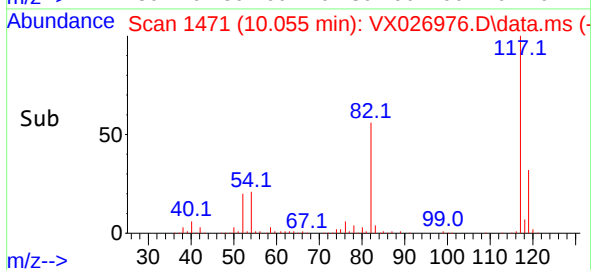
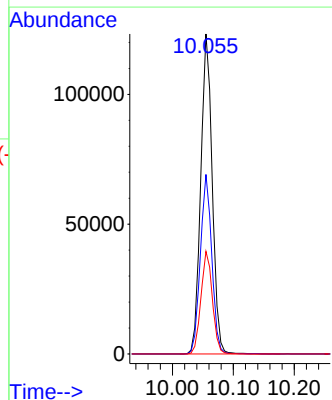
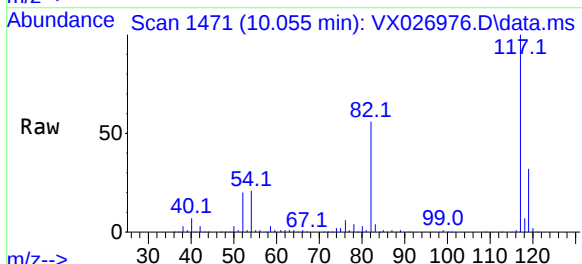
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

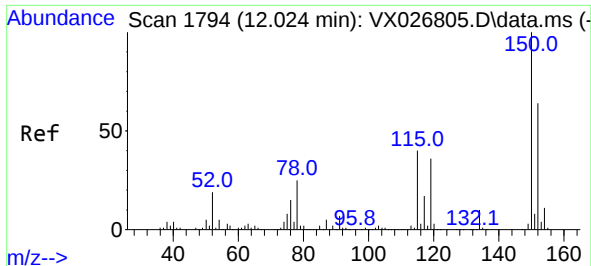
Tgt Ion: 95 Resp: 75689
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.6
176 71.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

Tgt Ion: 117 Resp: 161499
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 32.0 26.2 39.2

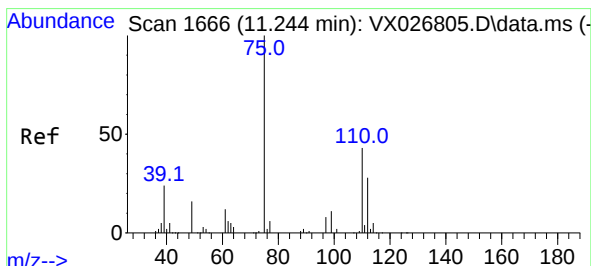
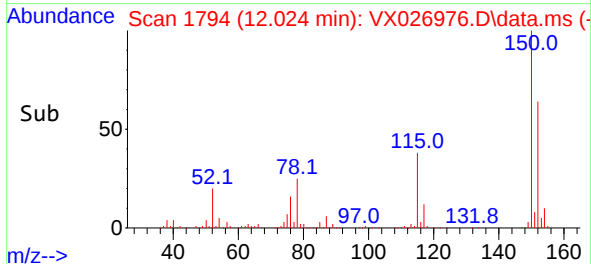
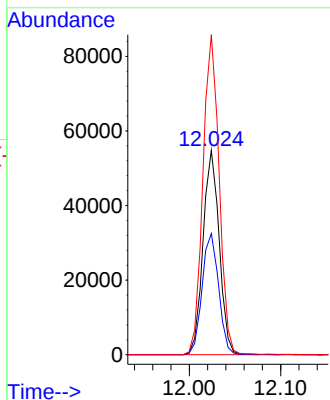
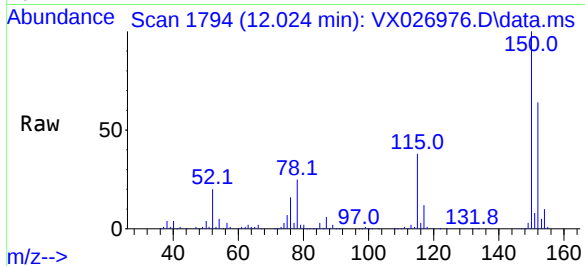




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

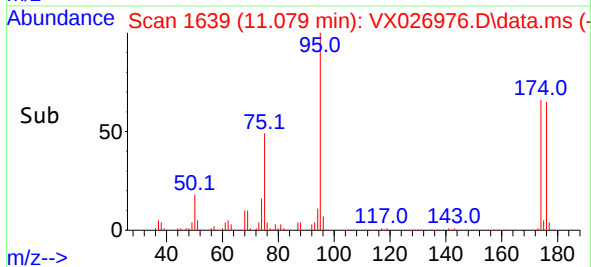
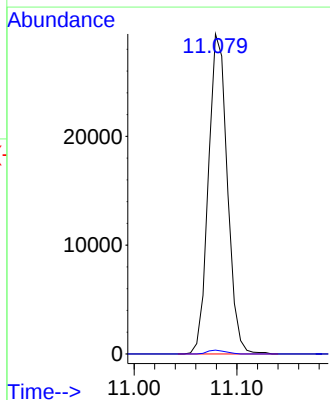
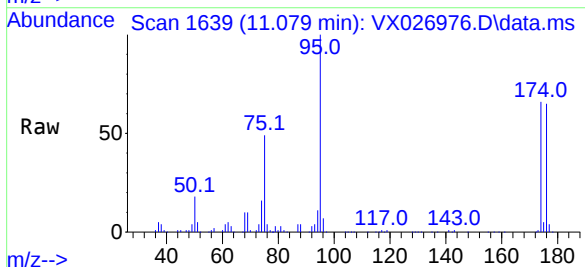
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

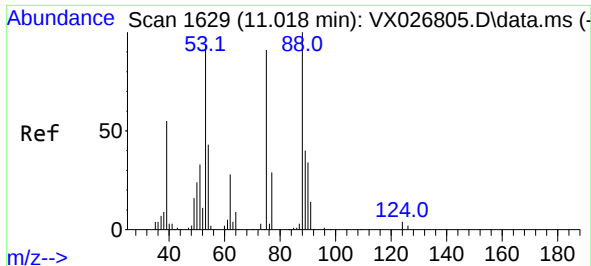
Tgt Ion:152 Resp: 67113
Ion Ratio Lower Upper
152 100
115 60.5 44.2 132.6
150 157.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.637 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026976.D
Acq: 11 Feb 2022 18:47

Tgt Ion: 75 Resp: 37664
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.112 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026976.D
 Acq: 11 Feb 2022 18:47

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

Tgt Ion: 75 Resp: 37664
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

