

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026823.D
 Acq On : 08 Feb 2022 15:37
 Operator : JC/MD
 Sample : N1398-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Feb 09 03:04:03 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)

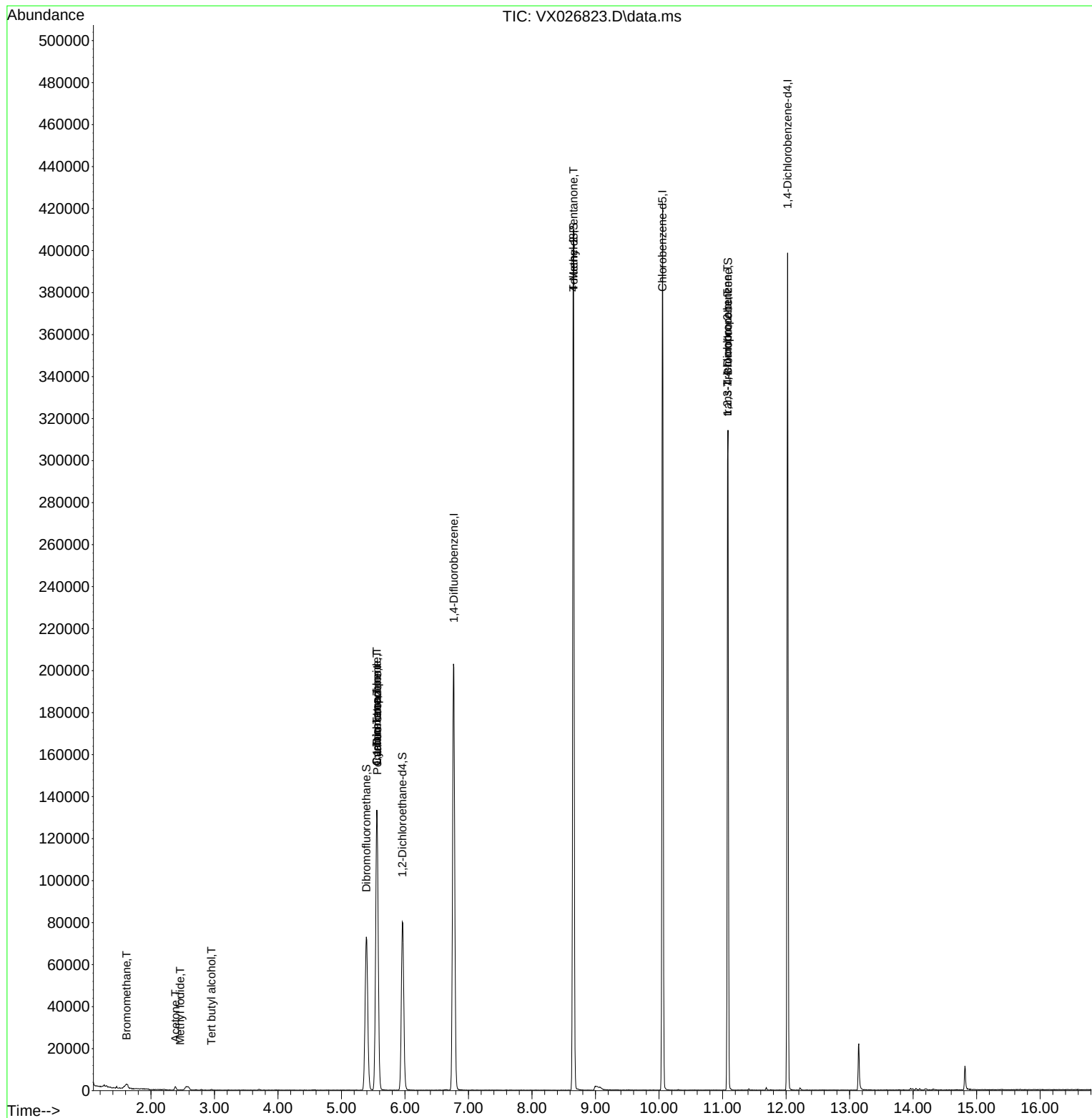
Internal Standards						
1) Pentafluorobenzene	5.562	168	128210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	213147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79393	51.586	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.180%	
35) Dibromofluoromethane	5.391	113	65691	51.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	8.653	98	242922	52.114	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	11.085	95	87487	53.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.620%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	120	0.208	ug/l	84
6) Chloroethane	1.928	64	47	Below Cal	#	43
10) Methyl Iodide	2.459	142	166	2.341	ug/l #	37
11) Tert butyl alcohol	2.952	59	137	0.493	ug/l #	75
16) Acetone	2.385	43	1937	2.866	ug/l	96
31) Cyclohexane	5.556	56	2471	1.010	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	9562	4.773	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13114	6.242	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1054	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42303	24.035	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	42303	73.442	ug/l #	3

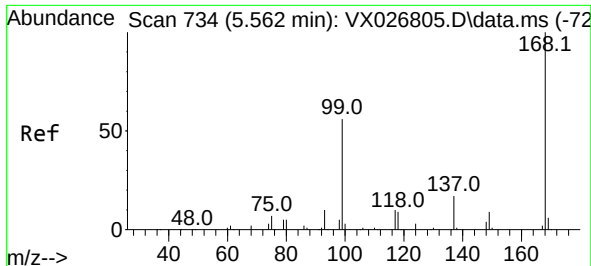
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 09 03:04:03 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

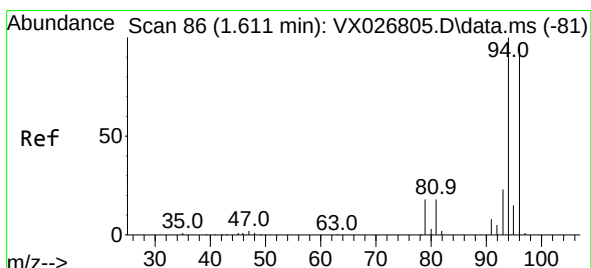
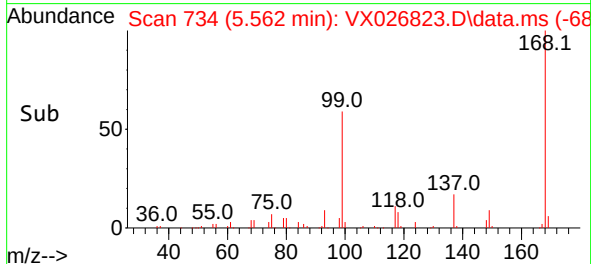
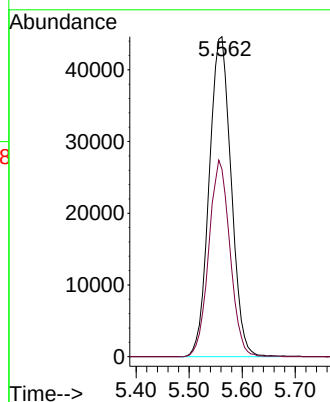
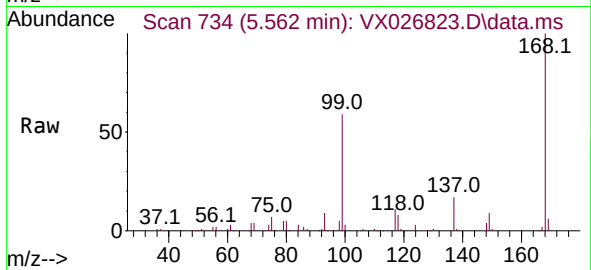




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

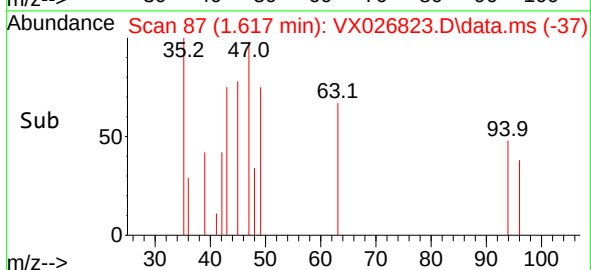
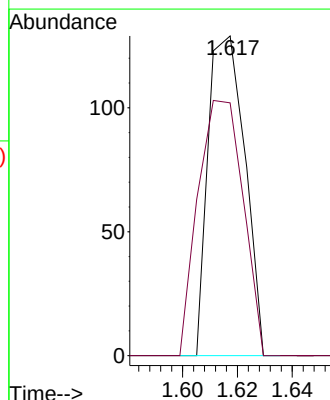
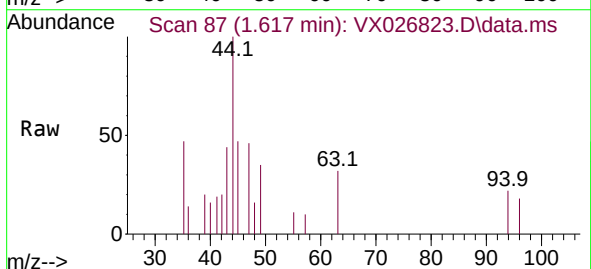
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

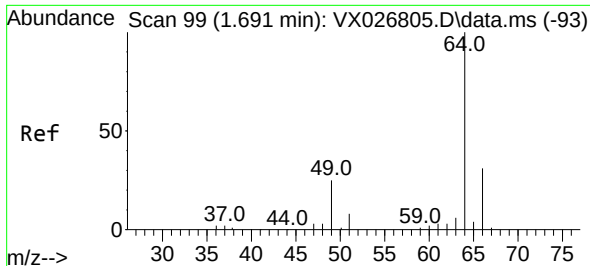
Tgt Ion:168 Resp: 128210
Ion Ratio Lower Upper
168 100
99 58.5 50.3 75.5



#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 79.1 75.9 113.9

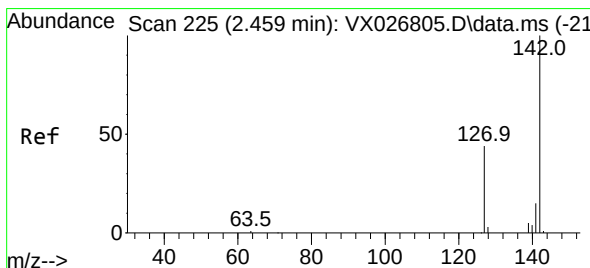
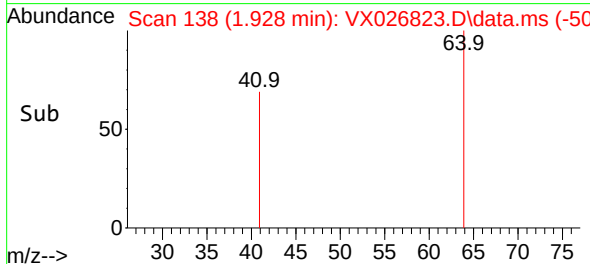
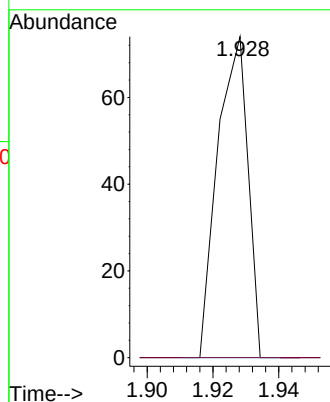
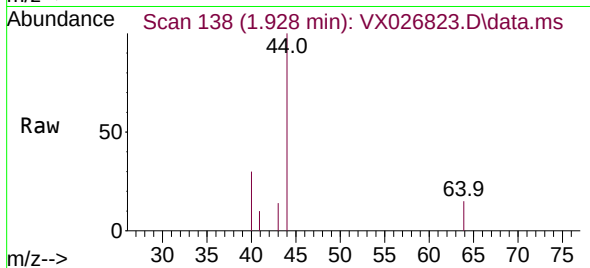




#6
Chloroethane
Concen: Below Cal
RT: 1.928 min Scan# 11
Delta R.T. 0.237 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

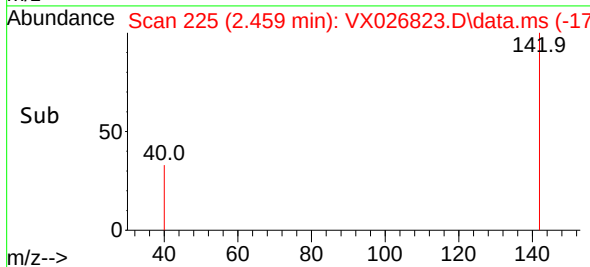
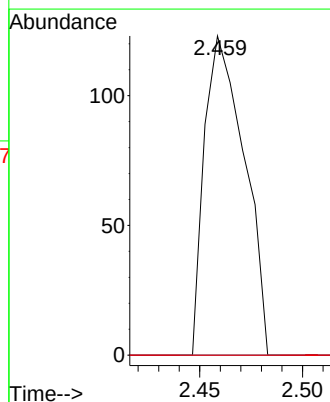
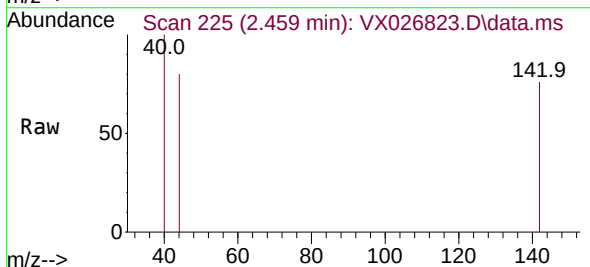
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

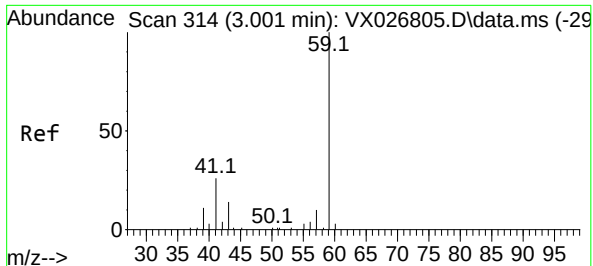
Tgt Ion: 64 Resp: 47
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 2.341 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

Tgt Ion: 142 Resp: 166
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

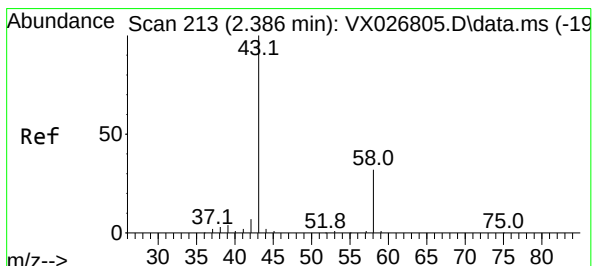
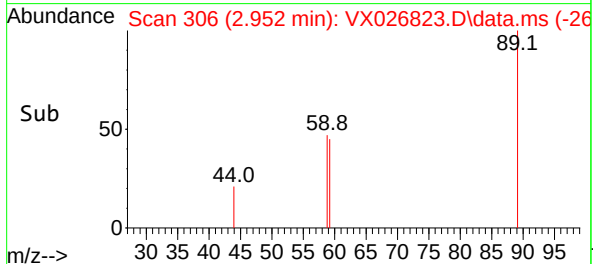
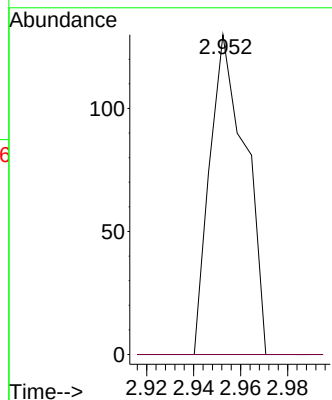
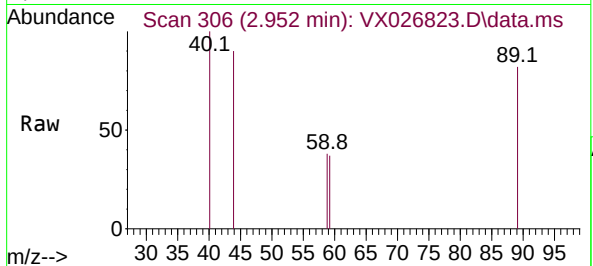




#11
Tert butyl alcohol
Concen: 0.493 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.049 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

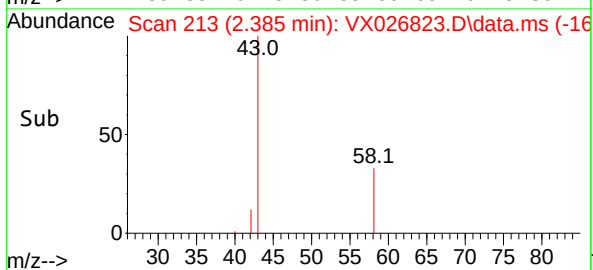
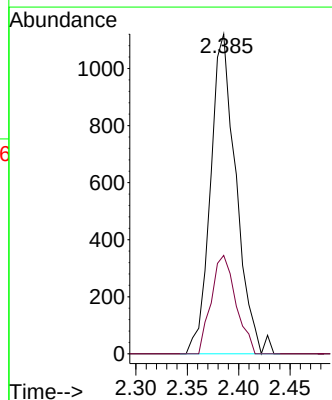
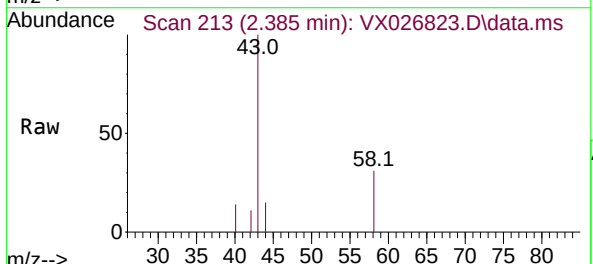
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

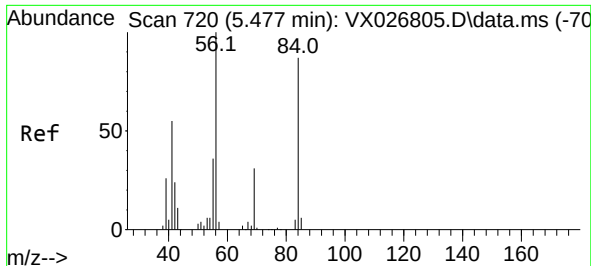
Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 2.866 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

Tgt Ion: 43 Resp: 1937
Ion Ratio Lower Upper
43 100
58 30.8 23.0 34.6

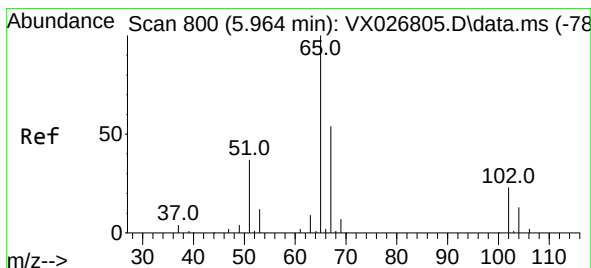
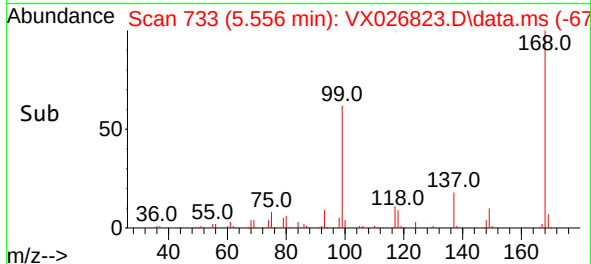
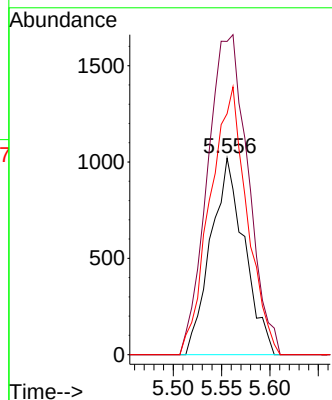
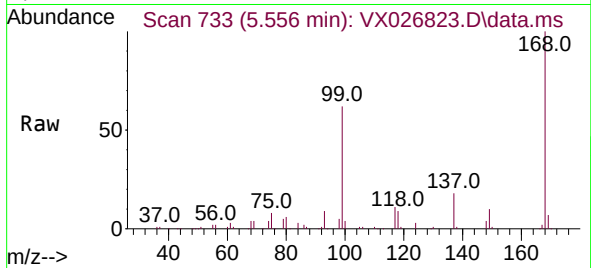




#31
Cyclohexane
Concen: 1.010 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

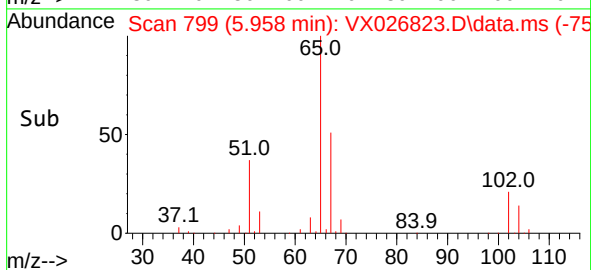
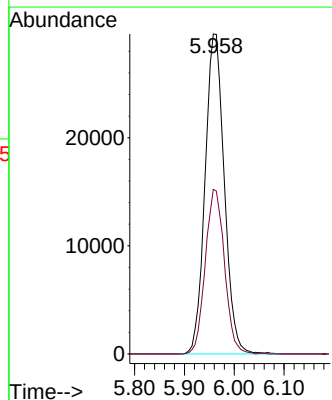
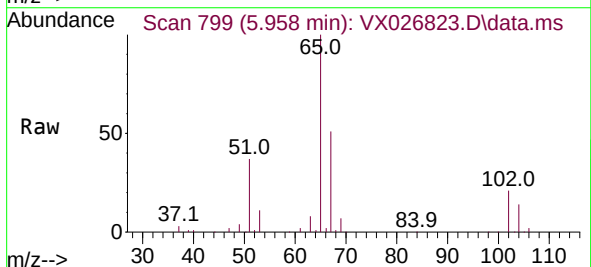
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

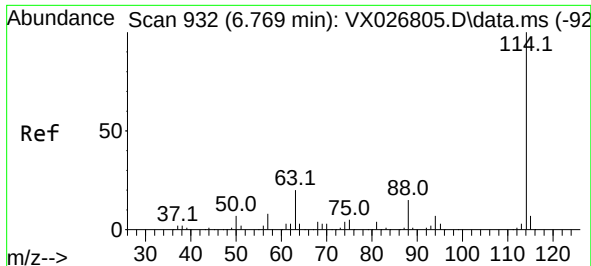
Tgt Ion: 56 Resp: 2471
Ion Ratio Lower Upper
56 100
69 159.3 25.8 38.6#
84 122.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 51.586 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

Tgt Ion: 65 Resp: 79393
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.8

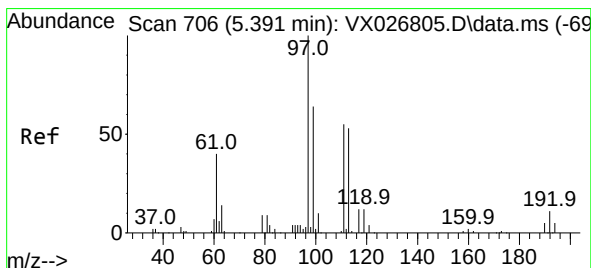
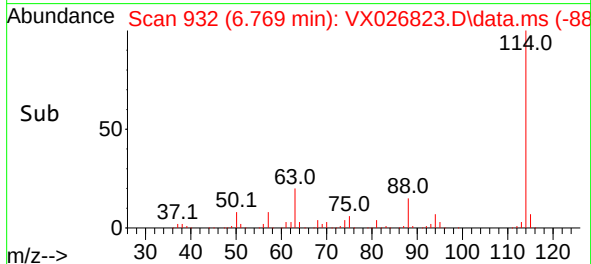
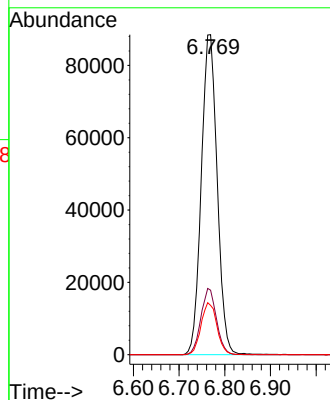
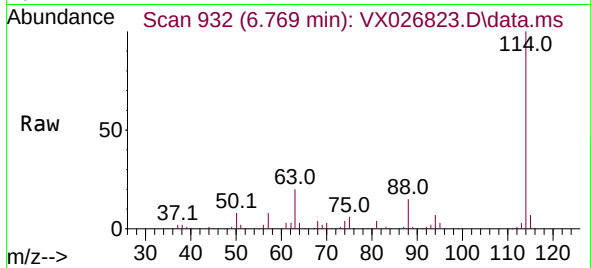




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

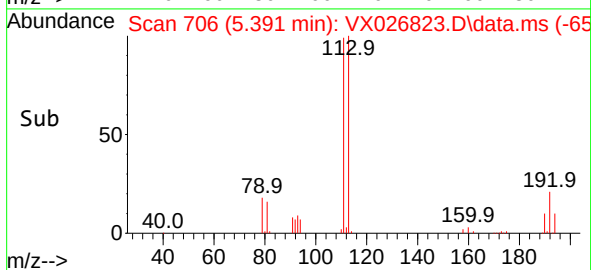
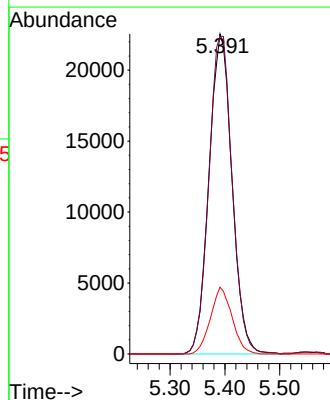
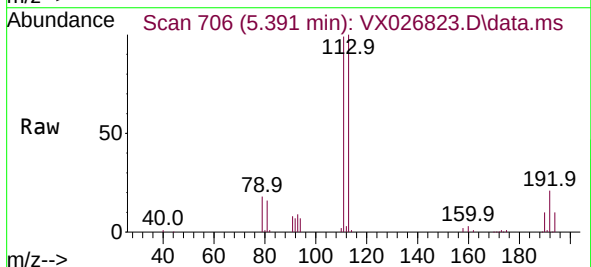
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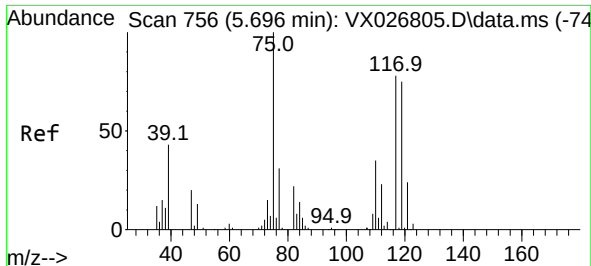
Tgt Ion:114 Resp: 213147
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.8
88 15.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.730 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

Tgt Ion:113 Resp: 65691
Ion Ratio Lower Upper
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111 101.0 81.2 121.8
192 19.6 15.0 22.4

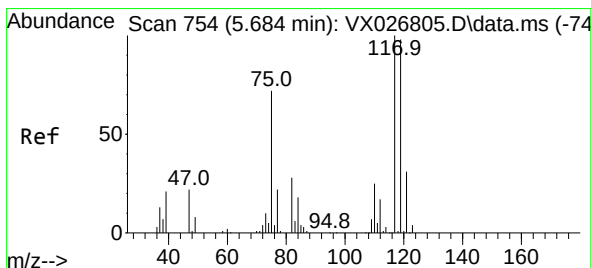
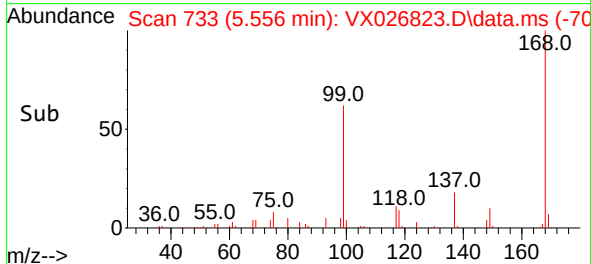
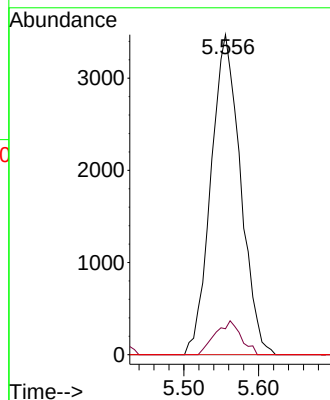
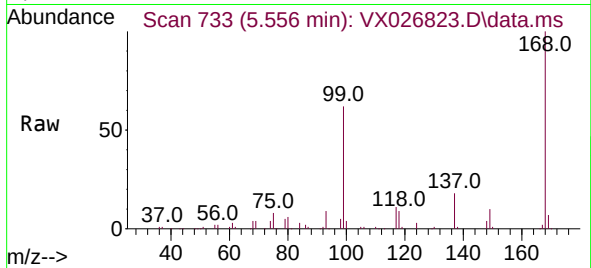




#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

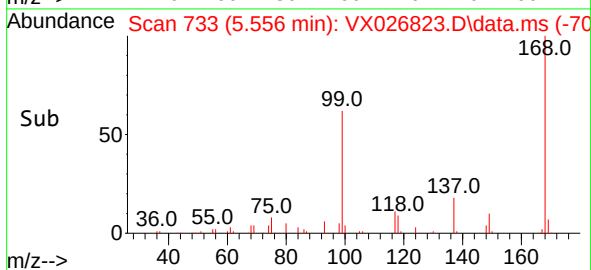
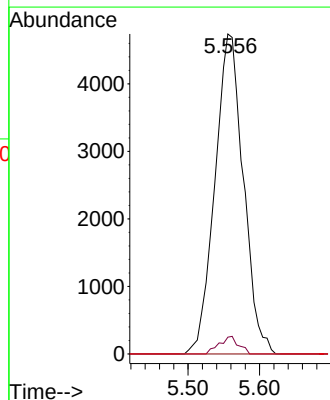
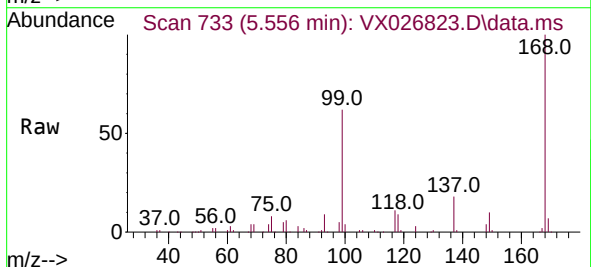
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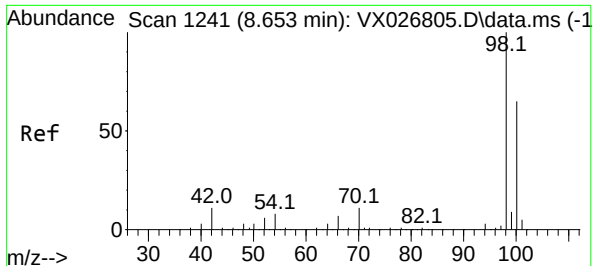
Tgt Ion: 75 Resp: 9562
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.242 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

Tgt Ion: 117 Resp: 13114
Ion Ratio Lower Upper
117 100
119 5.3 74.7 112.1#
121 0.0 25.4 38.0#

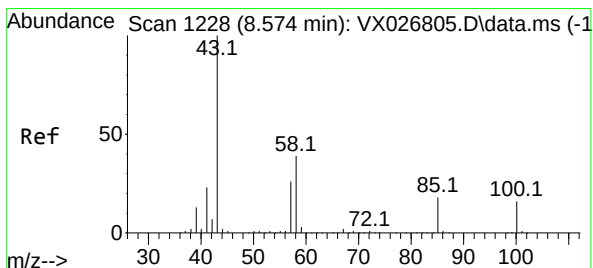
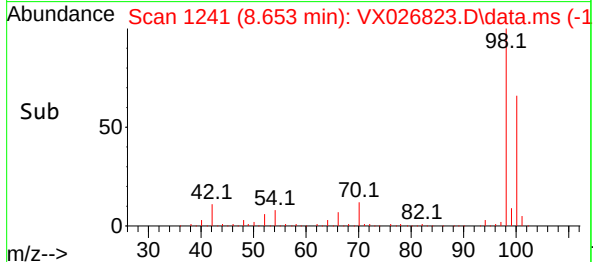
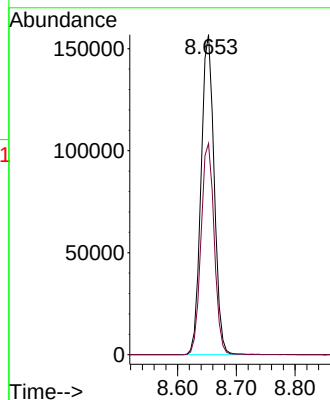
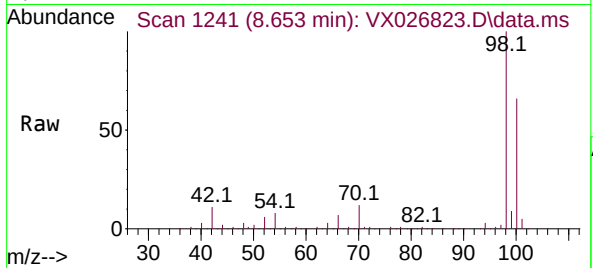




#50
Toluene-d8
Concen: 52.114 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

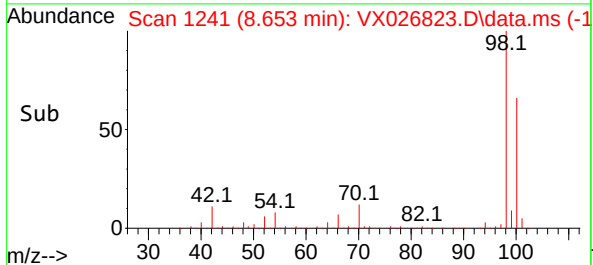
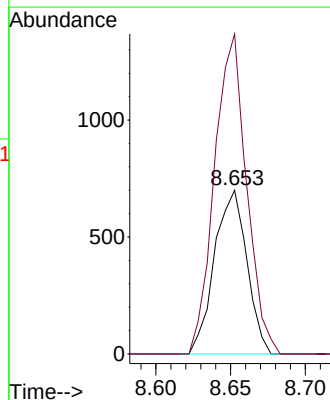
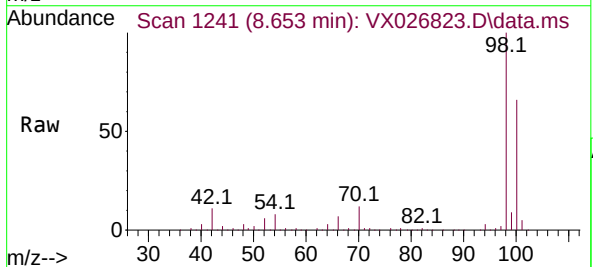
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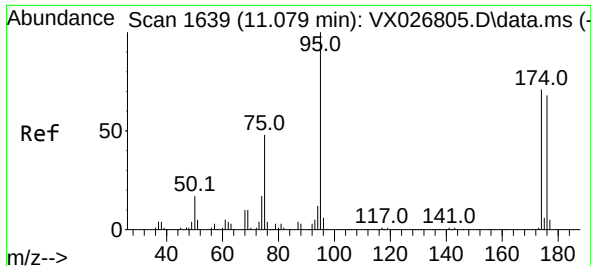
Tgt Ion: 98 Resp: 242922
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 193.4 30.5 45.7#

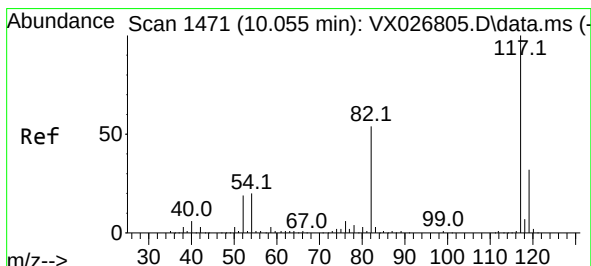
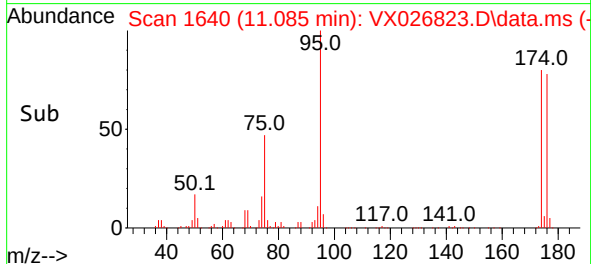
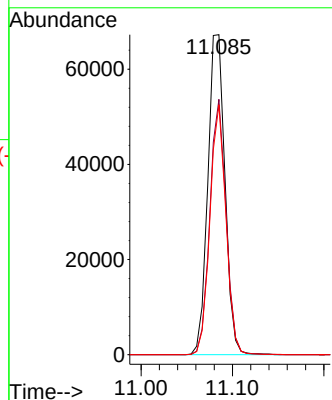
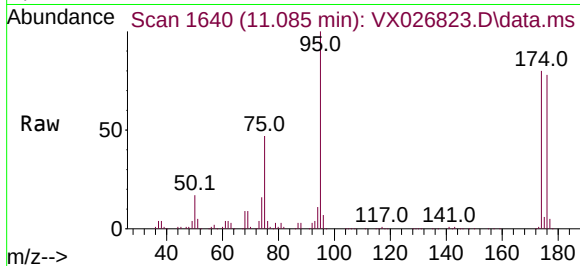




#62
4-Bromofluorobenzene
Concen: 53.309 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

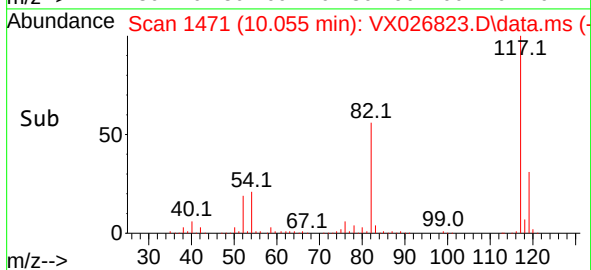
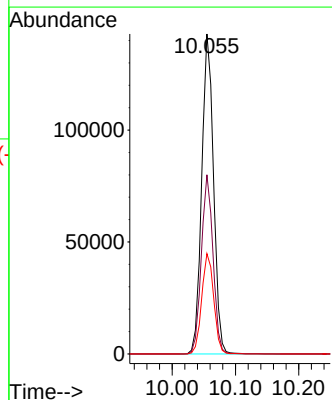
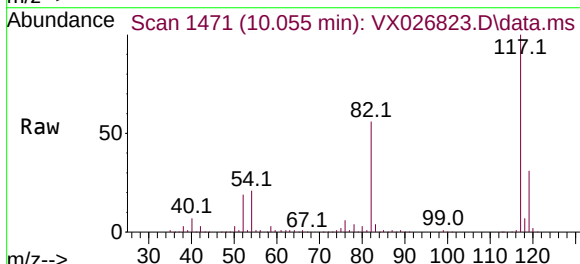
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

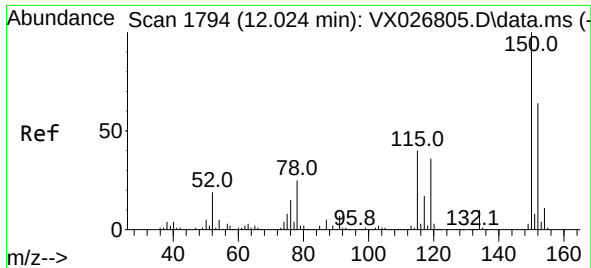
Tgt Ion: 95 Resp: 87487
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 72.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026823.D
Acq: 08 Feb 2022 15:37

Tgt Ion: 117 Resp: 185944
Ion Ratio Lower Upper
117 100
82 56.0 45.2 67.8
119 31.4 26.2 39.2

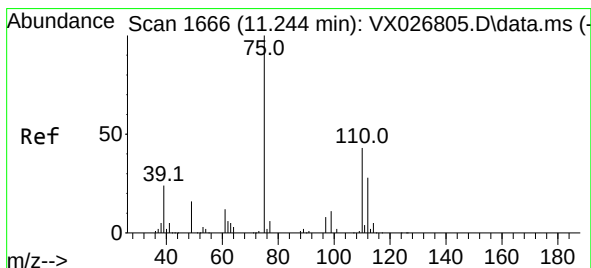
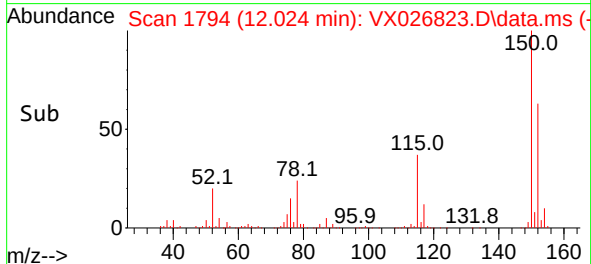
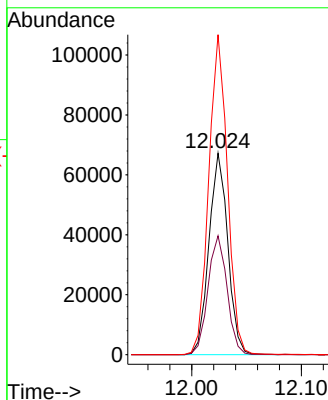
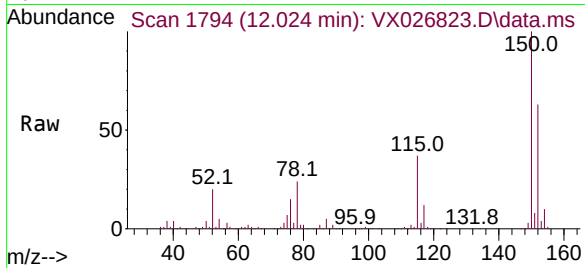




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026823.D
 Acq: 08 Feb 2022 15:37

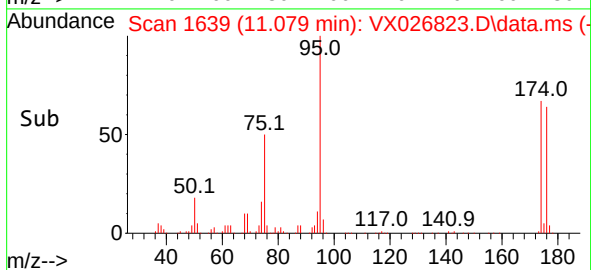
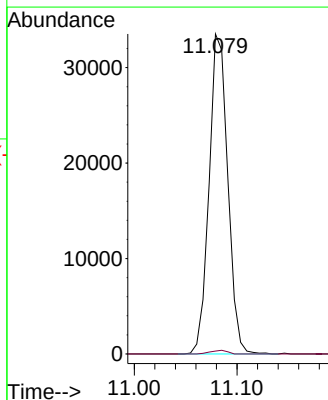
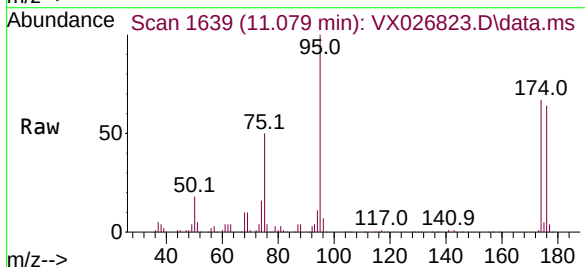
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

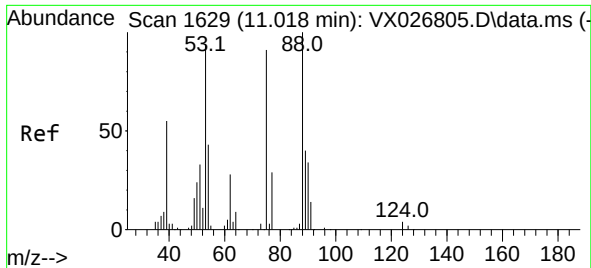
Tgt Ion:152 Resp: 80404
 Ion Ratio Lower Upper
 152 100
 115 59.6 44.2 132.6
 150 157.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.035 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026823.D
 Acq: 08 Feb 2022 15:37

Tgt Ion: 75 Resp: 42303
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.442 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026823.D
 Acq: 08 Feb 2022 15:37

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

Tgt Ion: 75 Resp: 42303
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

