

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012822.D
 Acq On : 06 Mar 2023 14:43
 Operator : KP/MD
 Sample : 01764-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CS-A-CRUSHED-STONE-PILE-1

Quant Time: Mar 07 04:24:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

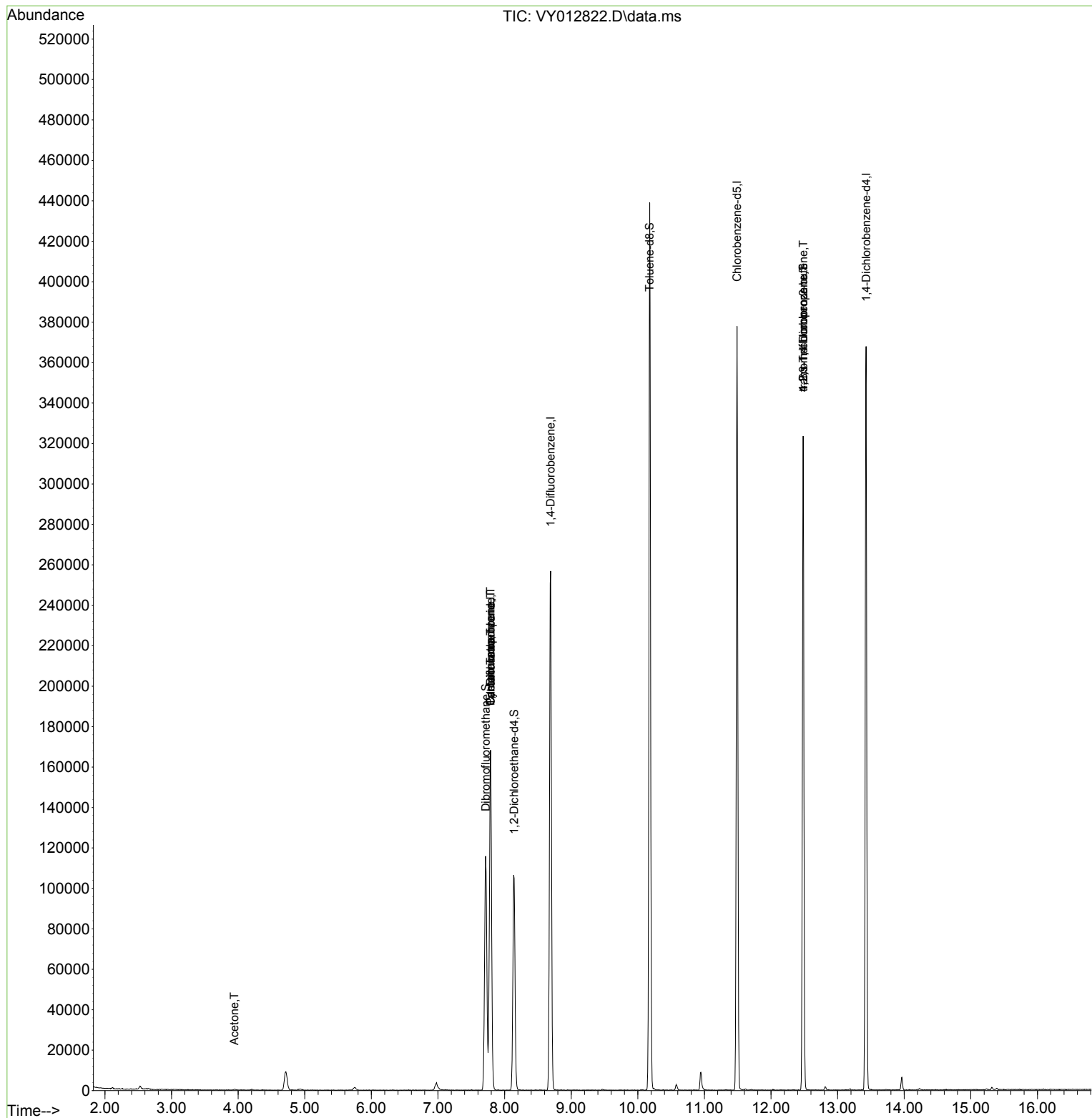
Internal Standards						
1) Pentafluorobenzene	7.789	168	131875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82136	62.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.460%	
35) Dibromofluoromethane	7.716	113	80840	60.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.180%	
50) Toluene-d8	10.179	98	277917	56.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.940%	
62) 4-Bromofluorobenzene	12.483	95	89043	54.082	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.160%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	710	Below Cal	#	74
16) Acetone	3.942	43	784	1.526	ug/l #	84
20) Methylene Chloride	4.704	84	6920	Below Cal	#	85
31) Cyclohexane	7.789	56	2892	1.153	ug/l #	14
36) 1,1-Dichloropropene	7.789	75	9878	4.418	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12502	5.414	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	46988	42.219	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46988	87.478	ug/l #	13

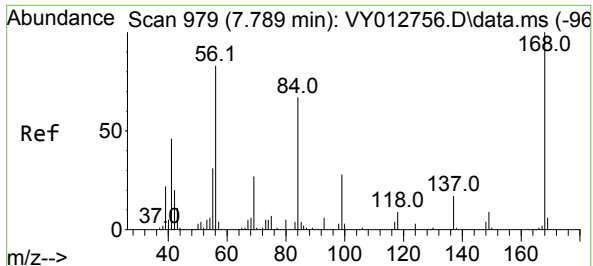
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

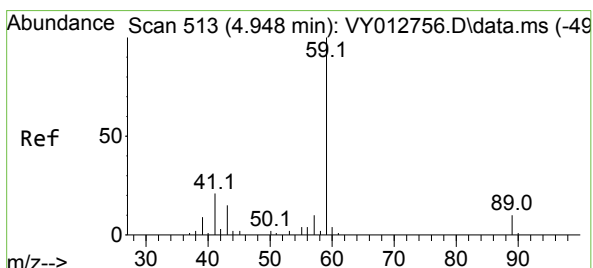
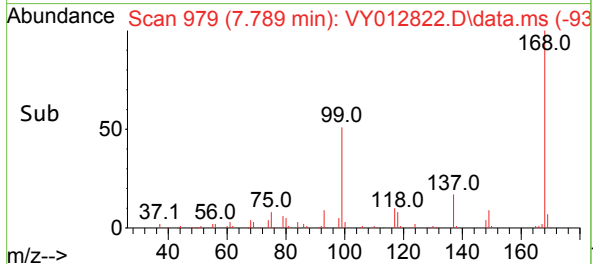
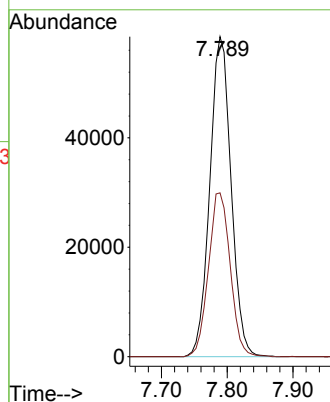
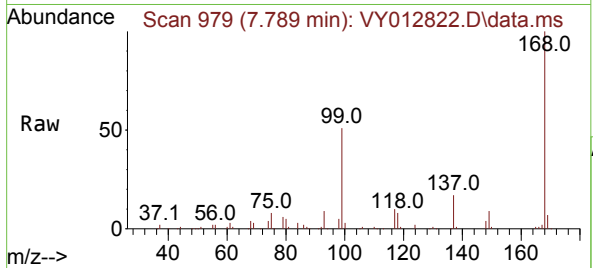




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

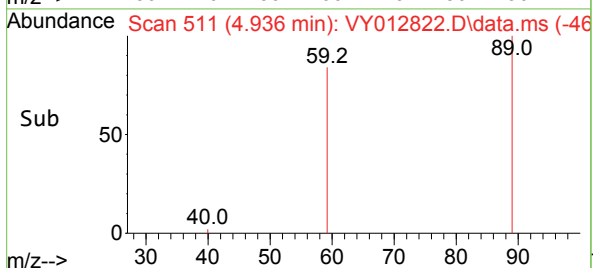
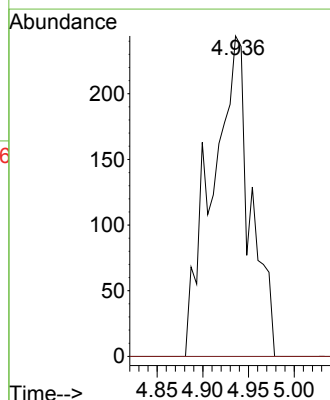
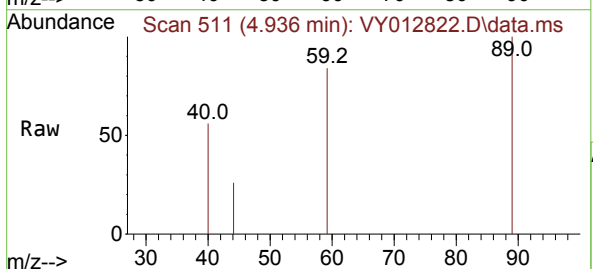
Instrument :
MSVOA_Y
ClientSampleId :
CS-A-CRUSHED-STONE-PILE-1

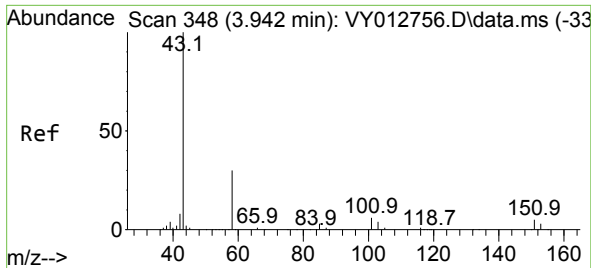
Tgt Ion:168 Resp: 131875
Ion Ratio Lower Upper
168 100
99 51.2 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

Tgt Ion: 59 Resp: 710
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

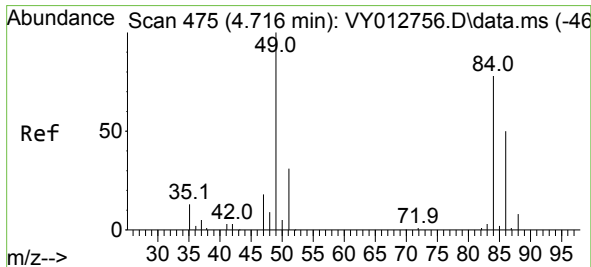
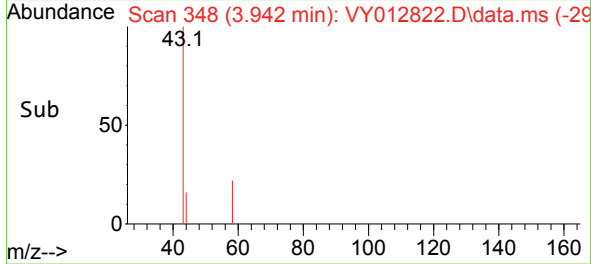
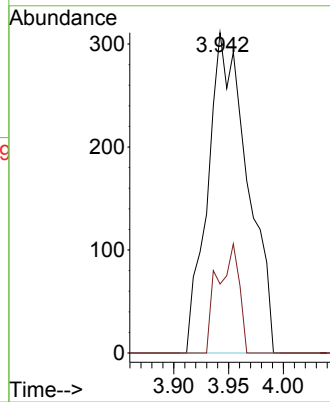
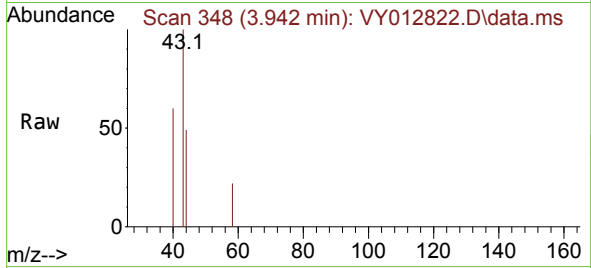




#16
Acetone
Concen: 1.526 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

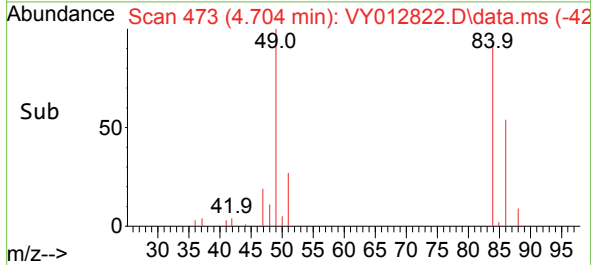
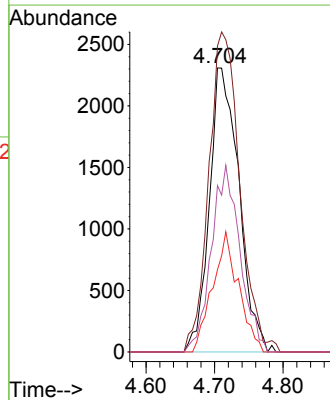
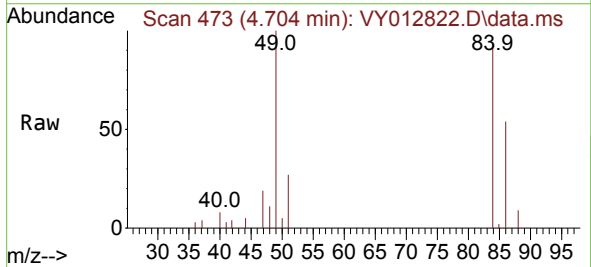
Instrument :
MSVOA_Y
ClientSampleId :
CS-A-CRUSHED-STONE-PILE-1

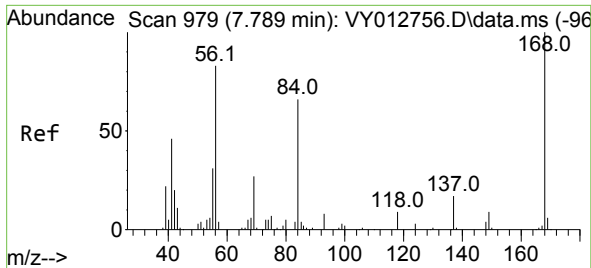
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 21.5 24.2 36.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

Tgt Ion: 84 Resp: 6920
Ion Ratio Lower Upper
84 100
49 107.7 102.6 154.0
51 29.0 31.9 47.9#
86 58.6 51.0 76.6

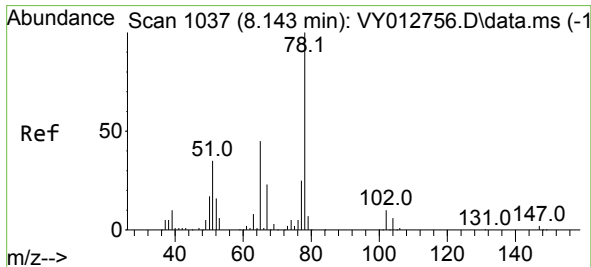
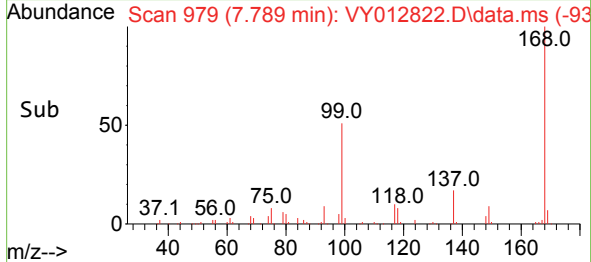
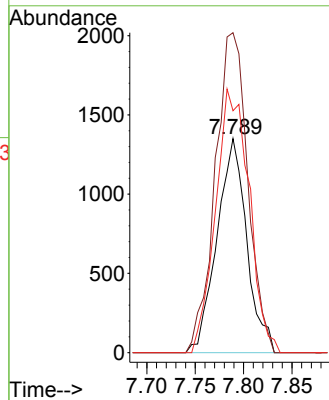
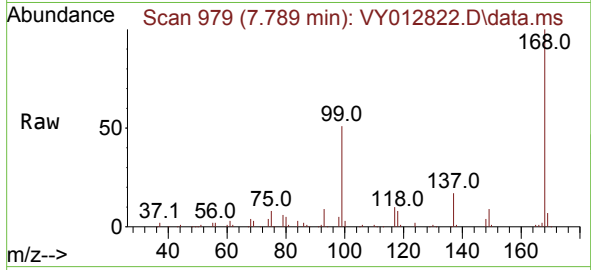




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

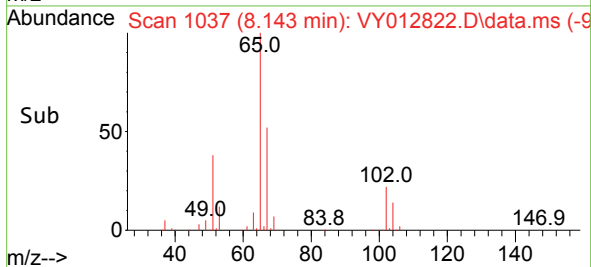
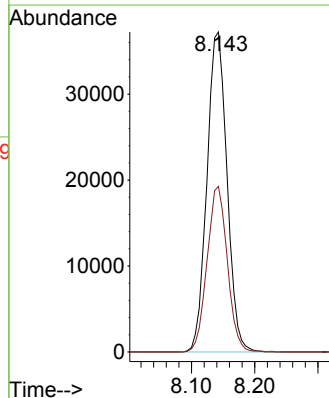
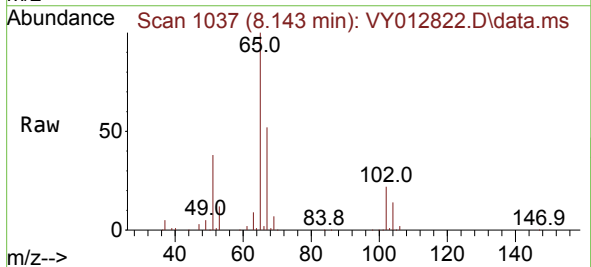
Instrument :
MSVOA_Y
ClientSampleId :
CS-A-CRUSHED-STONE-PILE-1

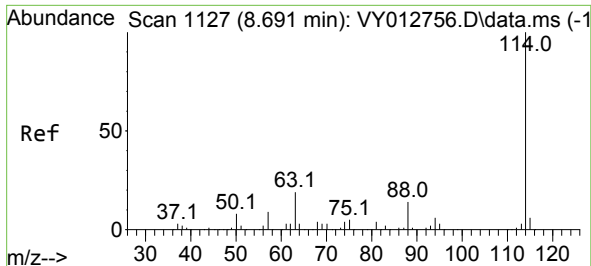
Tgt Ion: 56 Resp: 2892
Ion Ratio Lower Upper
56 100
69 149.4 25.7 38.5#
84 113.0 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 62.730 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

Tgt Ion: 65 Resp: 82136
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

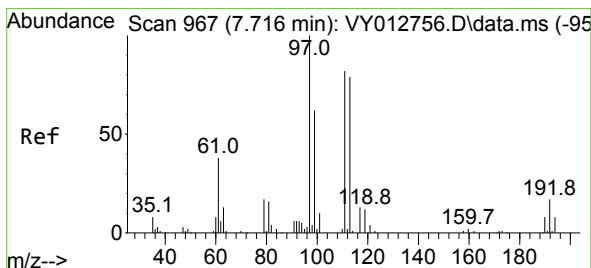
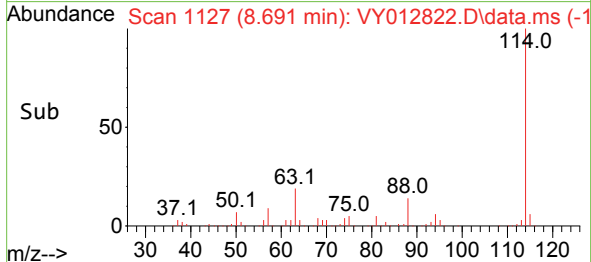
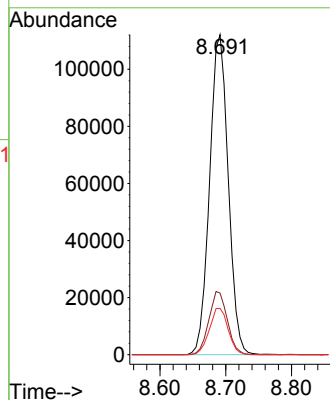
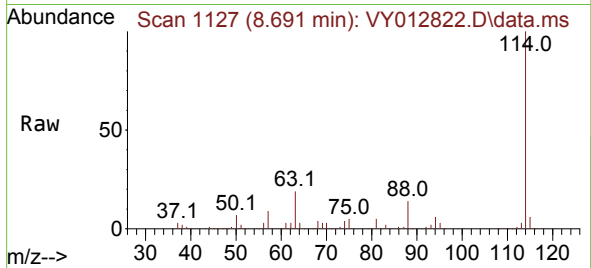




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

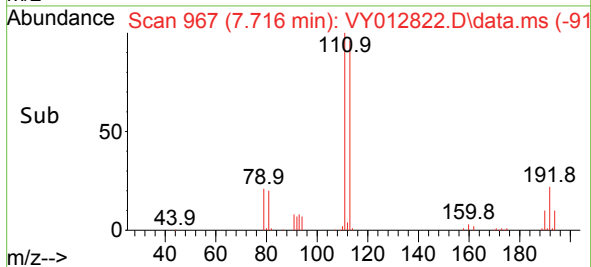
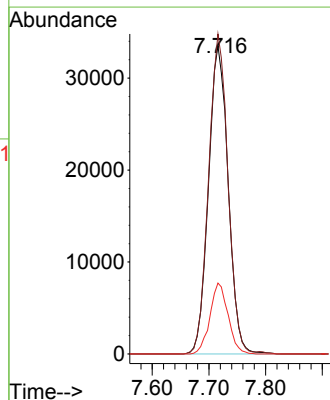
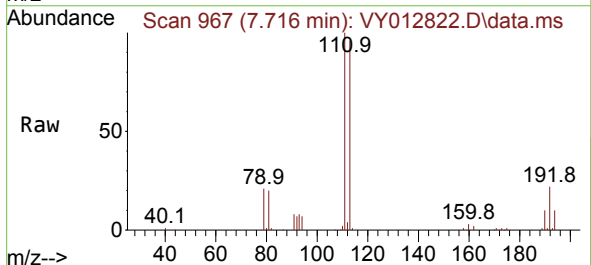
Instrument :
MSVOA_Y
ClientSampleId :
CS-A-CRUSHED-STONE-PILE-1

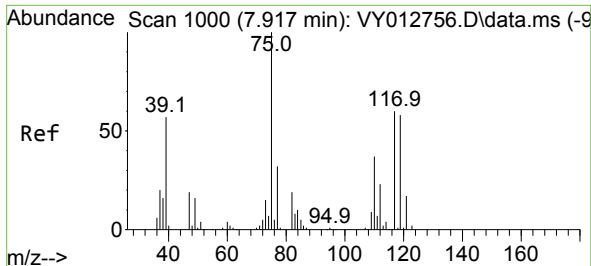
Tgt Ion:114 Resp: 221096
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 14.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 60.586 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

Tgt Ion:113 Resp: 80840
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 21.2 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.418 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012822.D

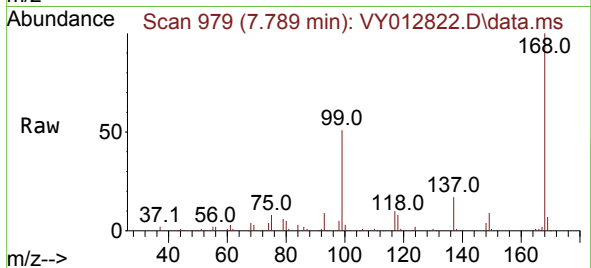
Acq: 06 Mar 2023 14:43

Instrument :

MSVOA_Y

ClientSampleId :

CS-A-CRUSHED-STONE-PILE-1



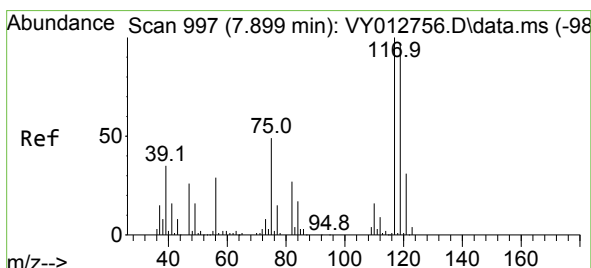
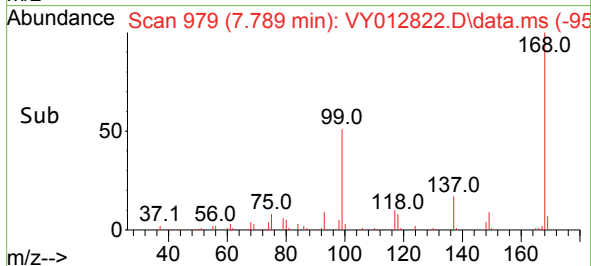
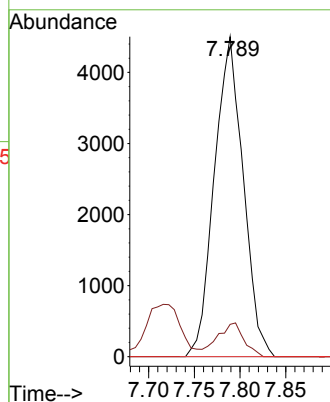
Tgt Ion: 75 Resp: 9878

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.414 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012822.D

Acq: 06 Mar 2023 14:43

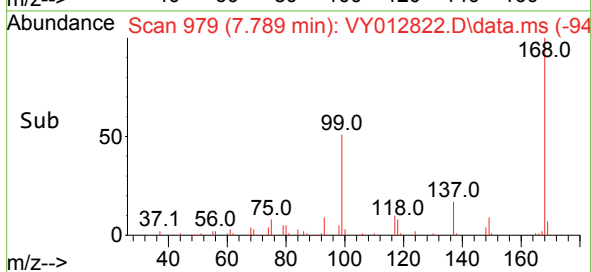
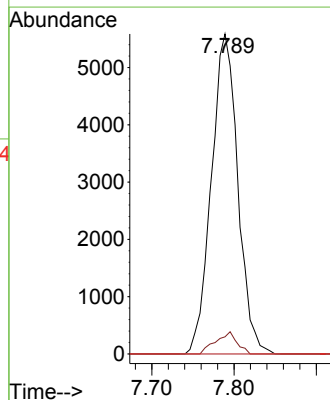
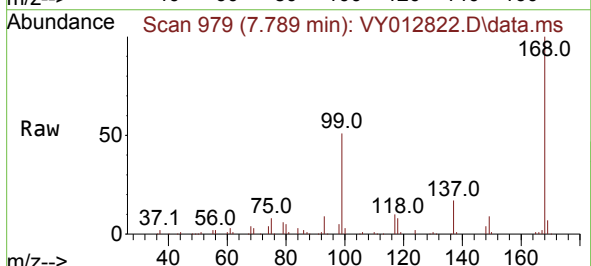
Tgt Ion: 117 Resp: 12502

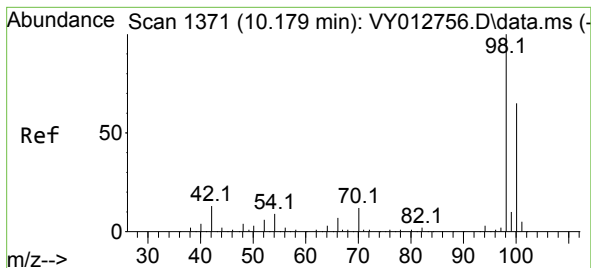
Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

121 0.0 24.7 37.1#

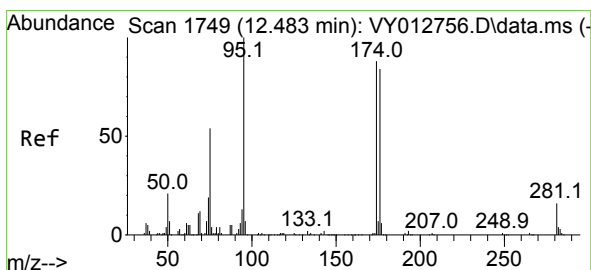
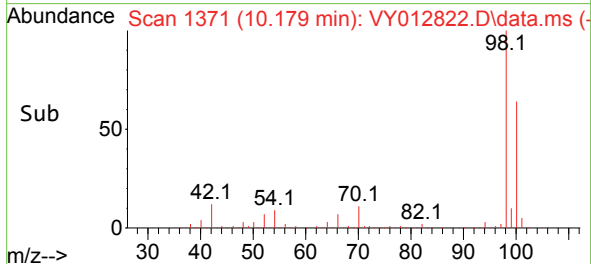
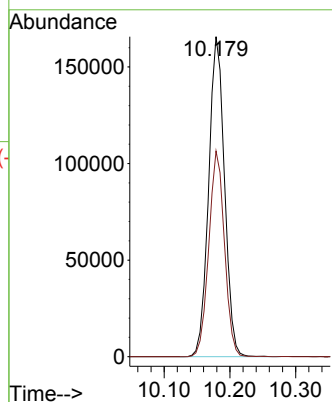
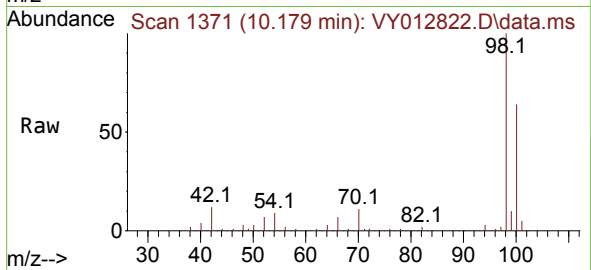




#50
Toluene-d8
Concen: 56.974 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

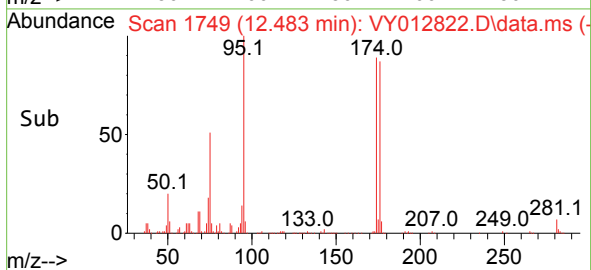
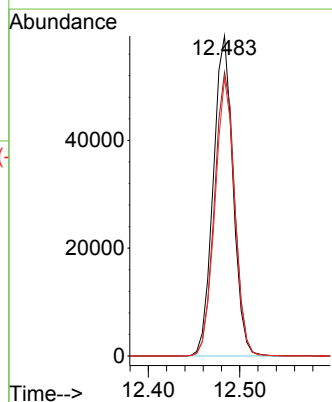
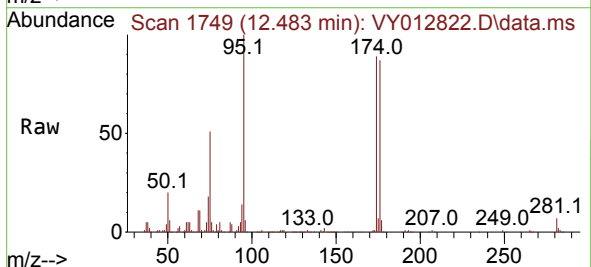
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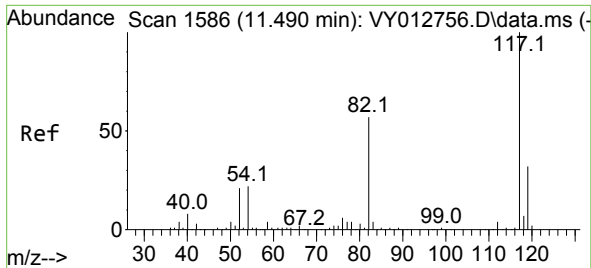
Tgt Ion: 98 Resp: 277917
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 54.082 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

Tgt Ion: 95 Resp: 89043
Ion Ratio Lower Upper
95 100
174 91.2 0.0 176.6
176 87.0 0.0 170.2

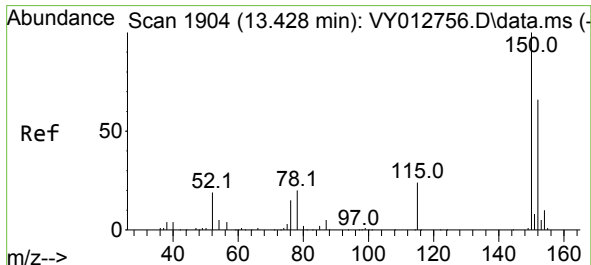
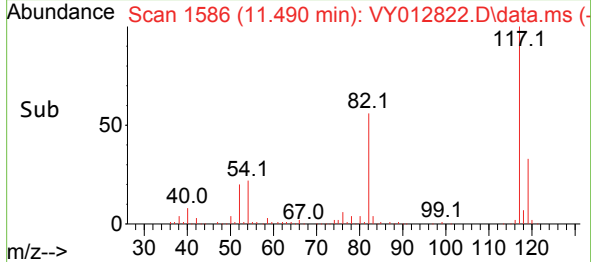
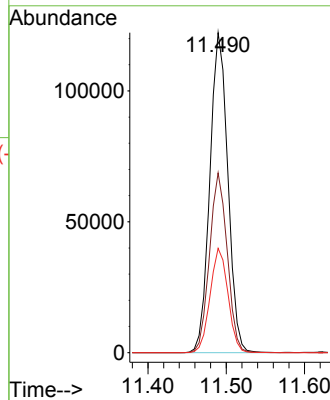
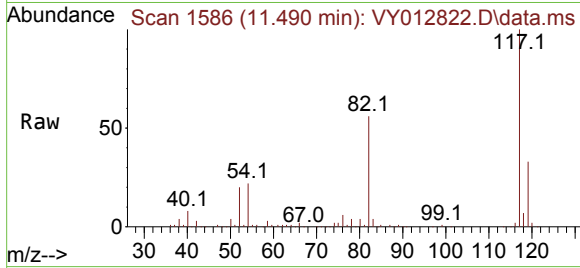




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

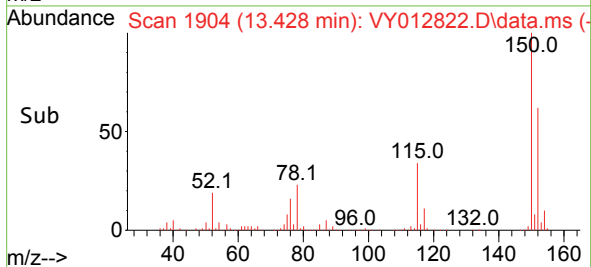
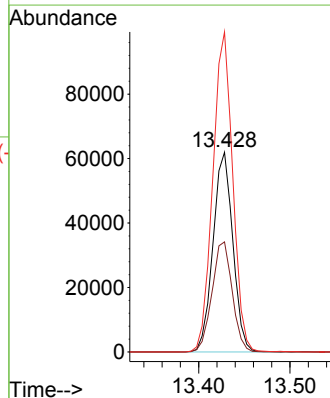
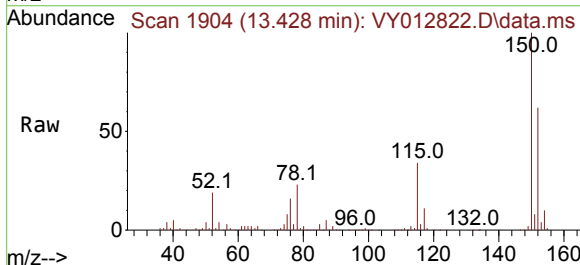
Instrument :
MSVOA_Y
ClientSampleId :
CS-A-CRUSHED-STONE-PILE-1

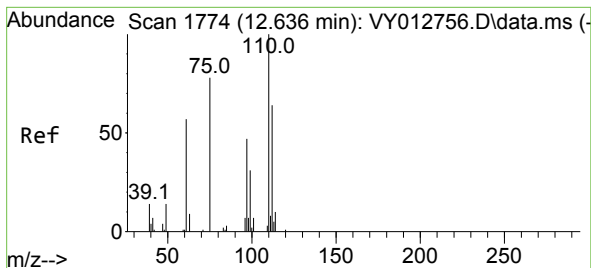
Tgt Ion:117 Resp: 194712
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

Tgt Ion:152 Resp: 93201
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 160.8 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 42.219 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012822.D

Acq: 06 Mar 2023 14:43

Instrument :

MSVOA_Y

ClientSampleId :

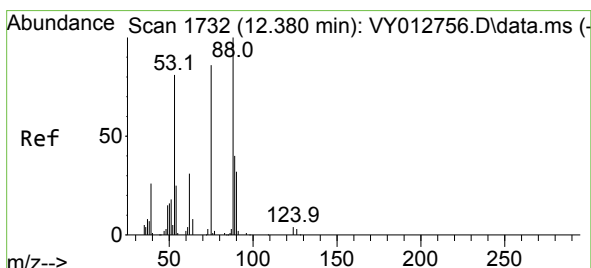
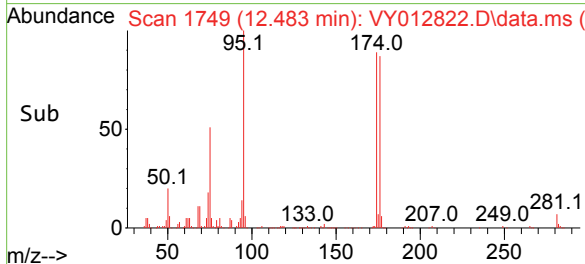
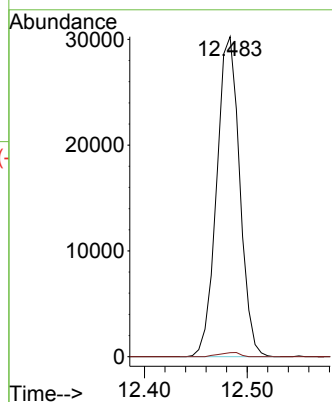
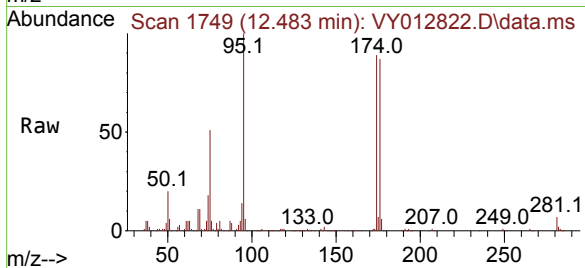
CS-A-CRUSHED-STONE-PILE-1

Tgt Ion: 75 Resp: 46988

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.478 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY012822.D

Acq: 06 Mar 2023 14:43

Tgt Ion: 75 Resp: 46988

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.0#

89 0.0 36.6 55.0#

