

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012880.D
 Acq On : 08 Mar 2023 18:46
 Operator : KP/MD
 Sample : 01829-10
 Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-10-20230306

Quant Time: Mar 09 00:39:25 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)

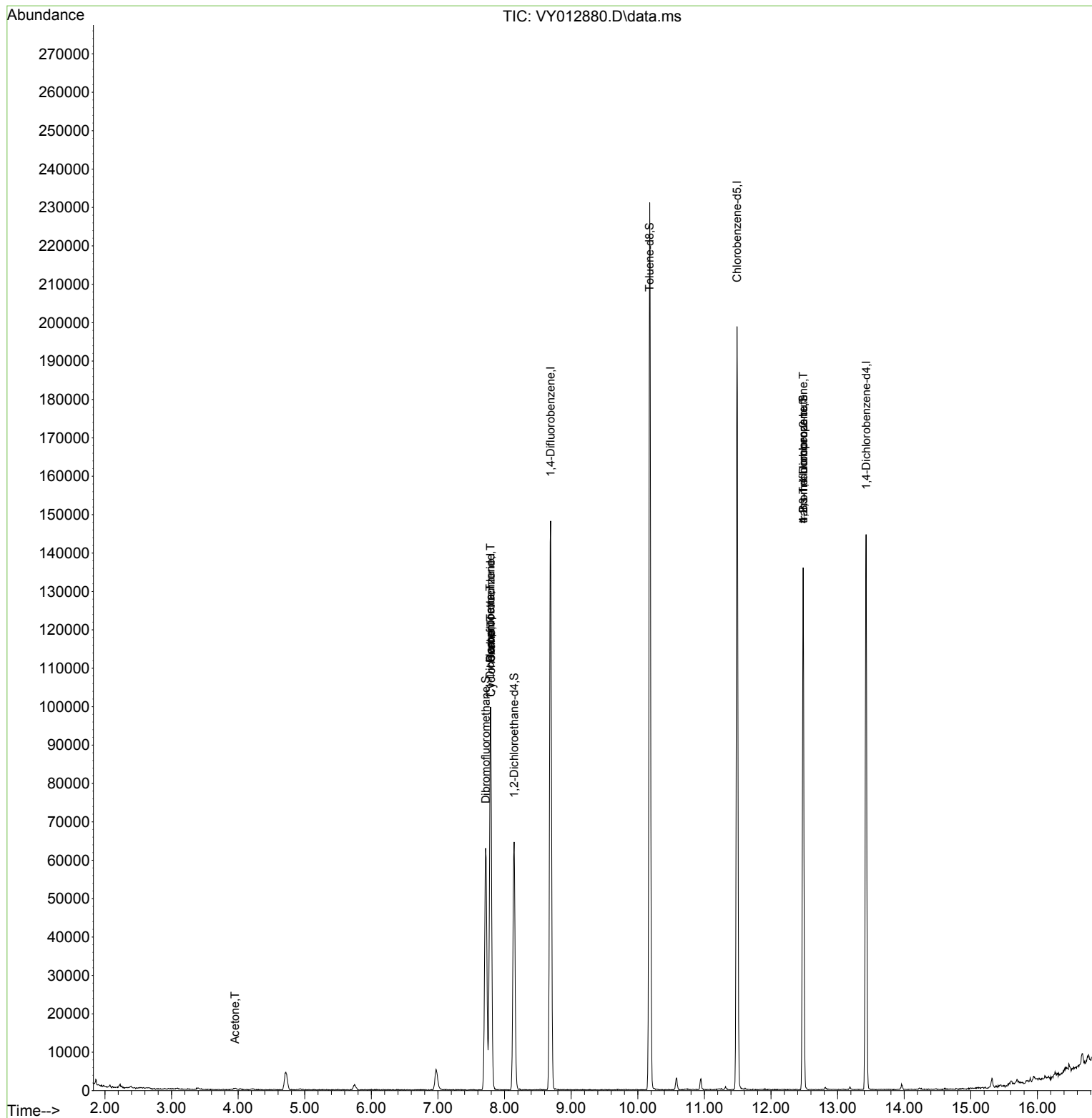
Internal Standards						
1) Pentafluorobenzene	7.789	168	76387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	127874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	106360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	37401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50756	66.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.840%
35) Dibromofluoromethane	7.716	113	44246	57.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.660%
50) Toluene-d8	10.179	98	149117	52.855	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.700%
62) 4-Bromofluorobenzene	12.483	95	36979	38.834	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	120	Below Cal	#	74
16) Acetone	3.954	43	818	2.748	ug/l #	44
20) Methylene Chloride	4.704	84	3412	Below Cal		94
31) Cyclohexane	7.795	56	1597	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5582	4.316	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7551	5.654	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	19934	44.632	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	19934	92.479	ug/l #	13

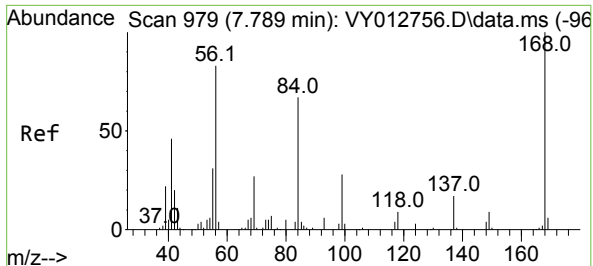
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SS-10-20230306

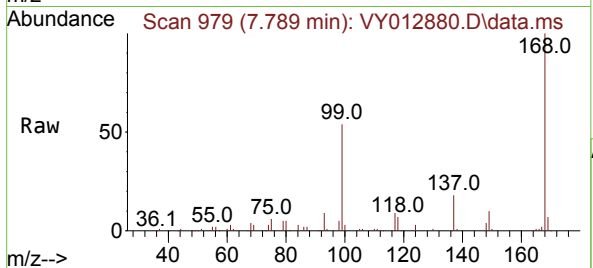
Quant Time: Mar 09 00:39:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
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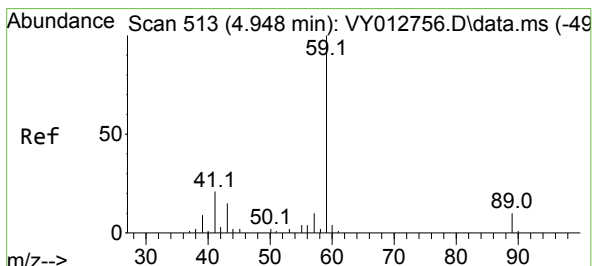
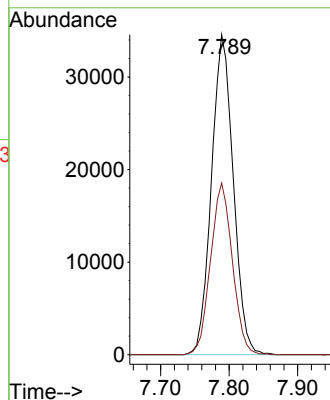
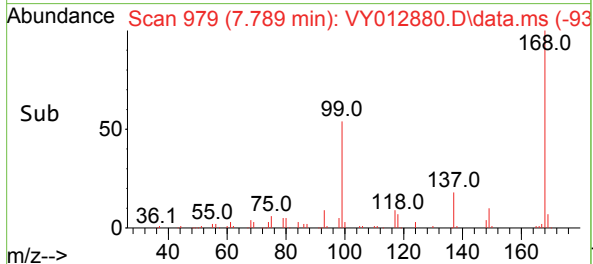


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306

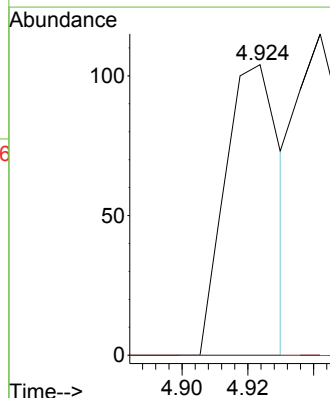
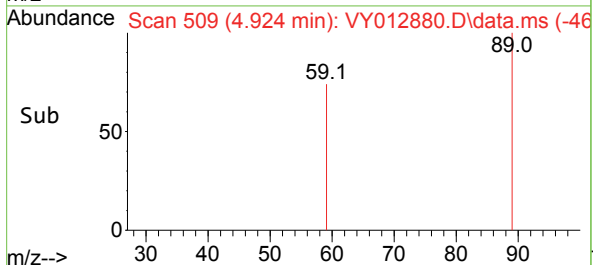
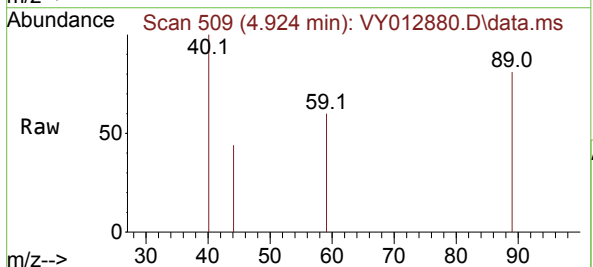


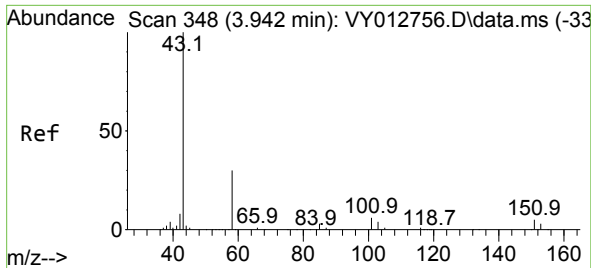
Tgt Ion:168 Resp: 76387
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

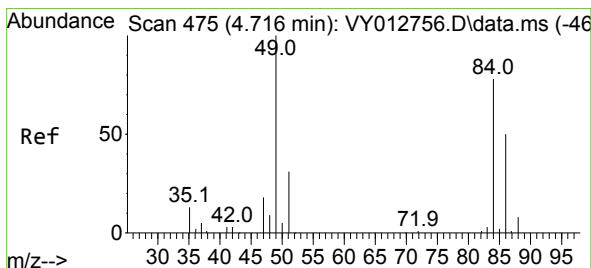
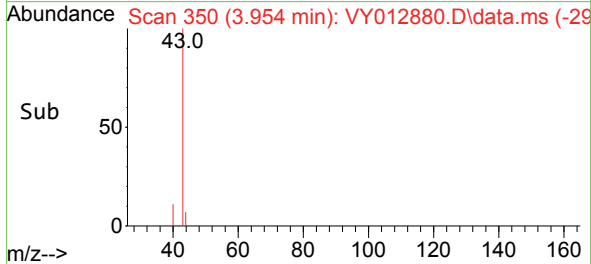
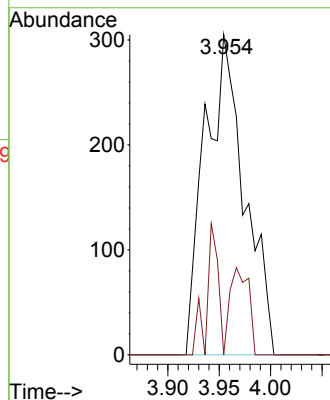
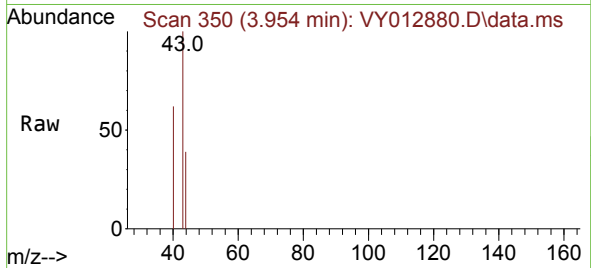




#16
Acetone
Concen: 2.748 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

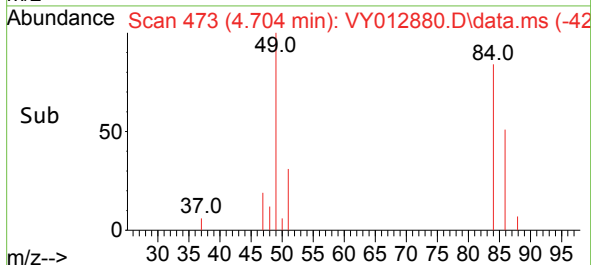
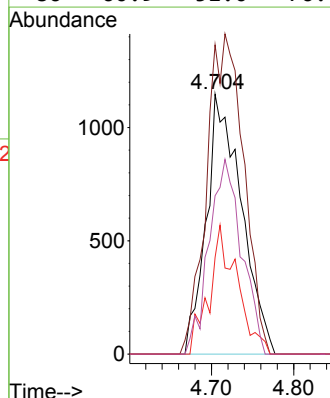
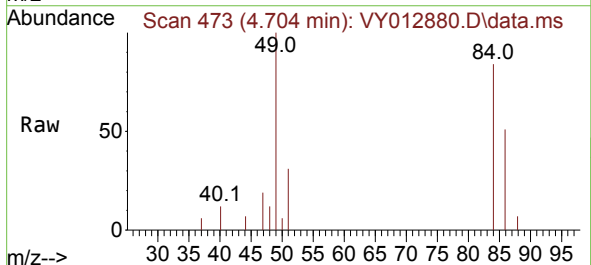
Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306

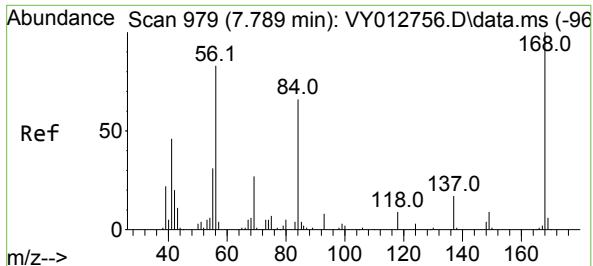
Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

Tgt Ion: 84 Resp: 3412
Ion Ratio Lower Upper
84 100
49 119.0 102.6 154.0
51 37.1 31.9 47.9
86 60.9 51.0 76.6

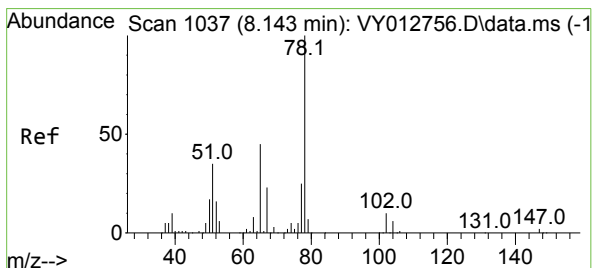
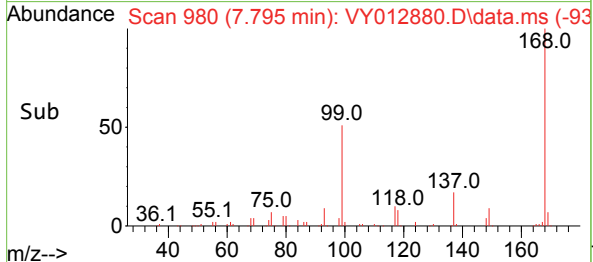
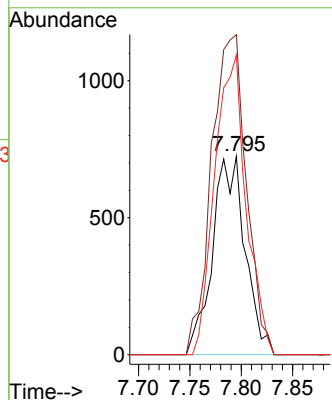
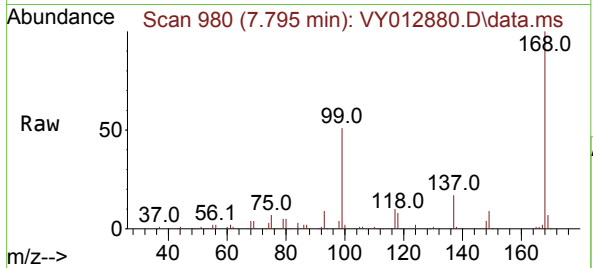




#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

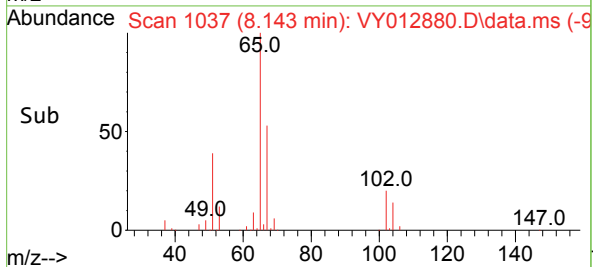
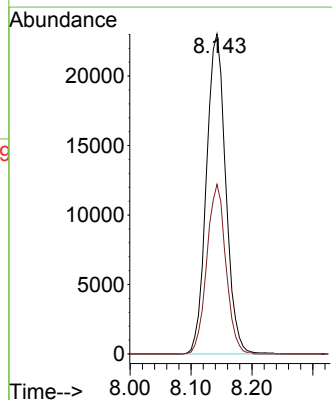
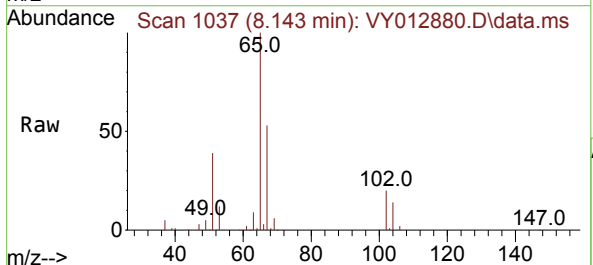
Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306

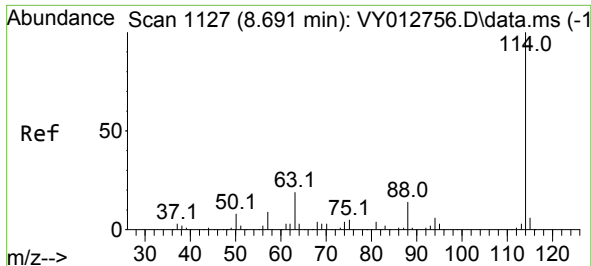
Tgt Ion: 56 Resp: 1597
Ion Ratio Lower Upper
56 100
69 161.3 25.7 38.5#
84 151.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 66.923 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

Tgt Ion: 65 Resp: 50756
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

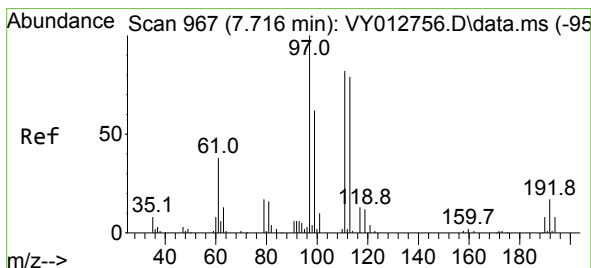
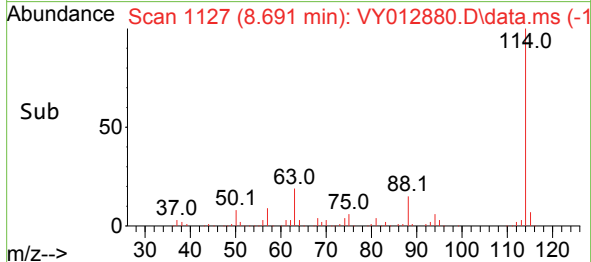
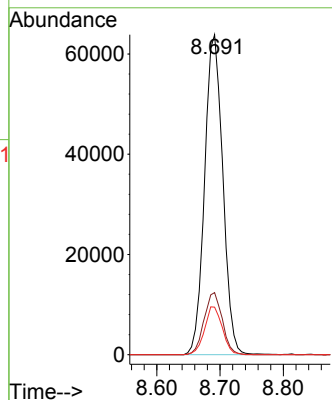
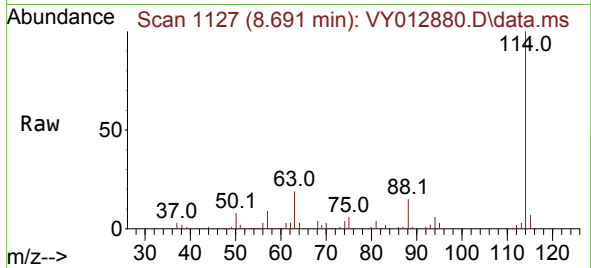




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

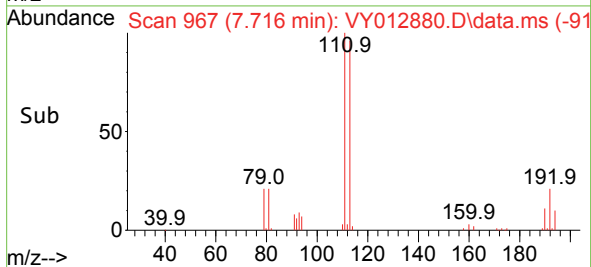
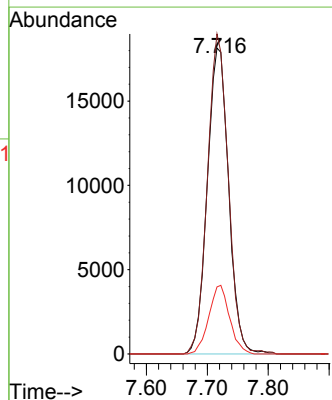
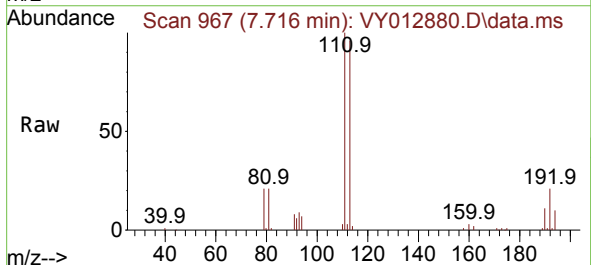
Instrument :
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SS-10-20230306

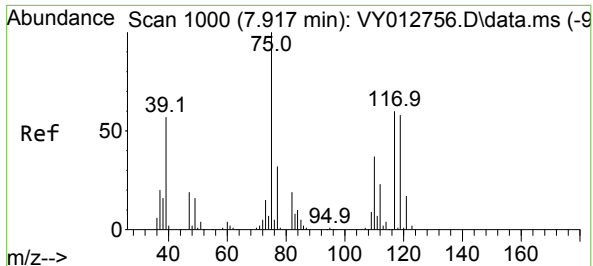
Tgt Ion:114 Resp: 127874
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 14.8 0.0 28.6



#35
Dibromofluoromethane
Concen: 57.334 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

Tgt Ion:113 Resp: 44246
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 21.9 16.8 25.2

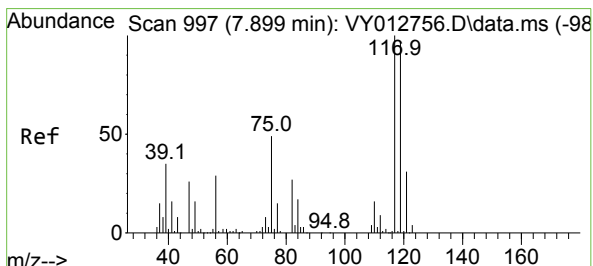
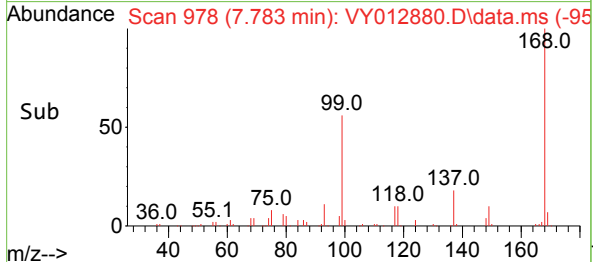
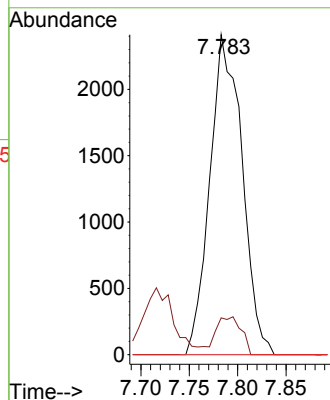
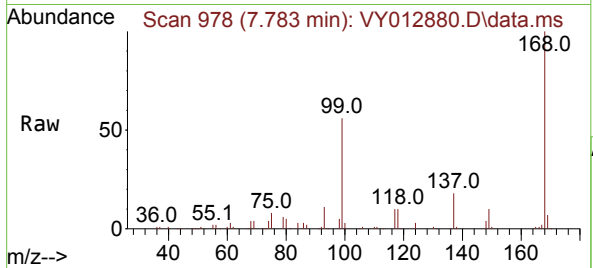




#36
1,1-Dichloropropene
Concen: 4.316 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

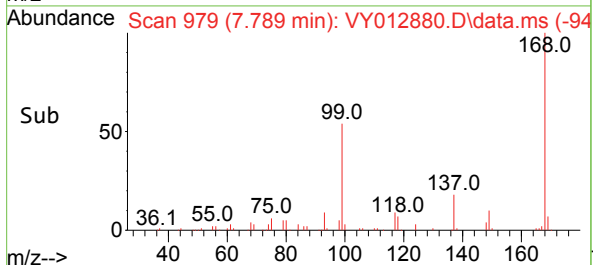
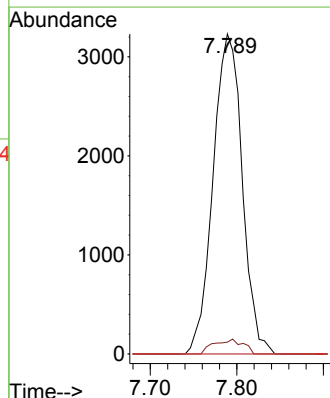
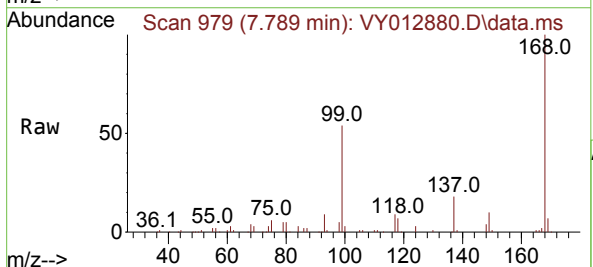
Instrument :
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ClientSampleId :
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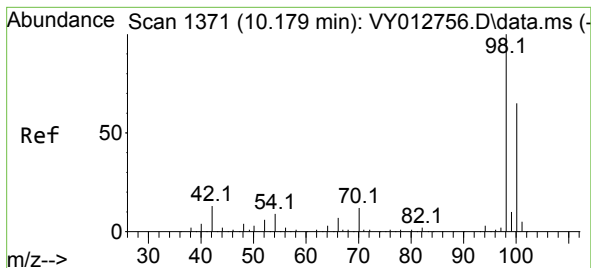
Tgt Ion: 75 Resp: 5582
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.654 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

Tgt Ion: 117 Resp: 7551
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 24.7 37.1#

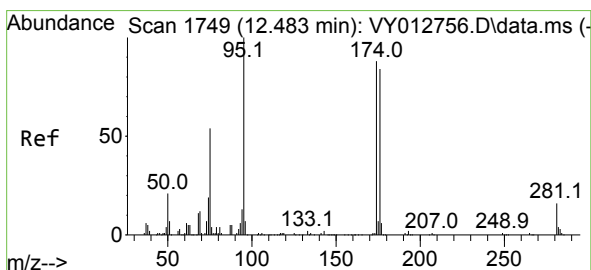
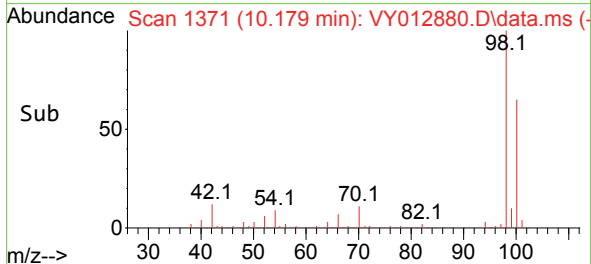
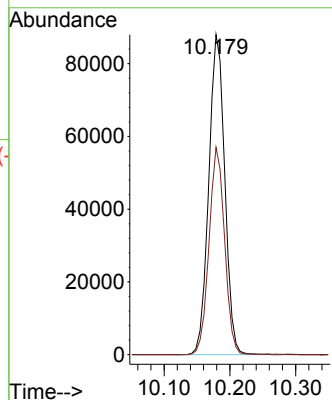
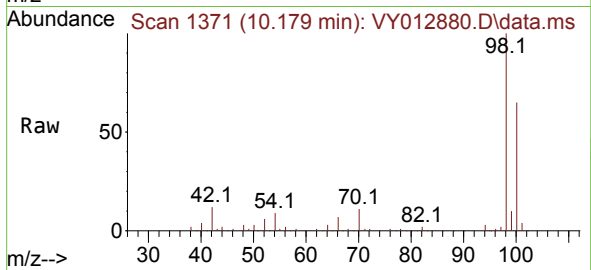




#50
Toluene-d8
Concen: 52.855 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

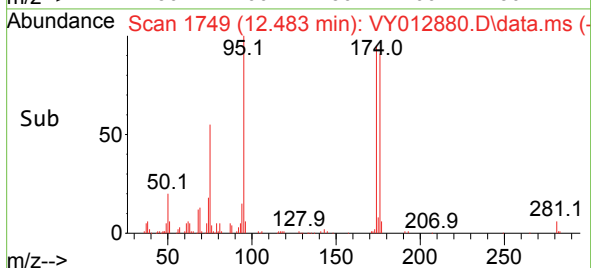
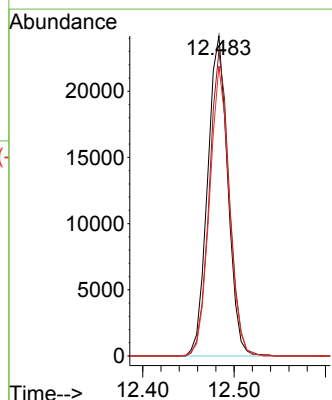
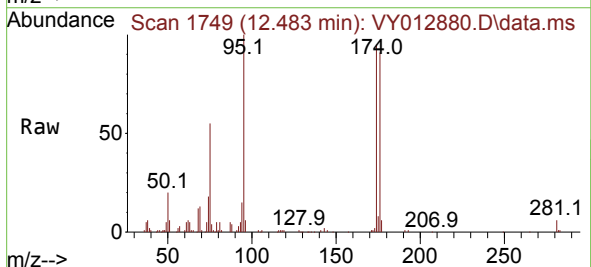
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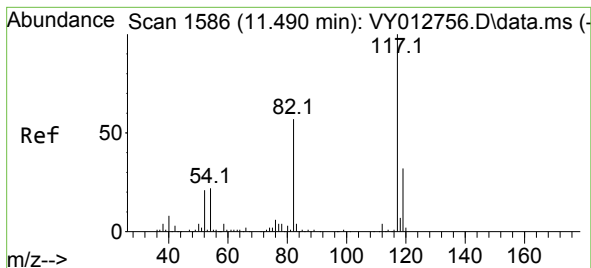
Tgt Ion: 98 Resp: 149117
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 38.834 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

Tgt Ion: 95 Resp: 36979
Ion Ratio Lower Upper
95 100
174 94.5 0.0 176.6
176 88.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012880.D

Acq: 08 Mar 2023 18:46

Instrument :

MSVOA_Y

ClientSampleId :

SS-10-20230306

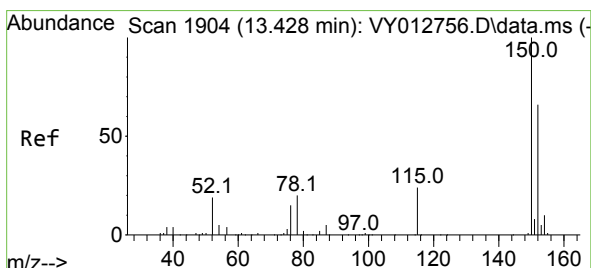
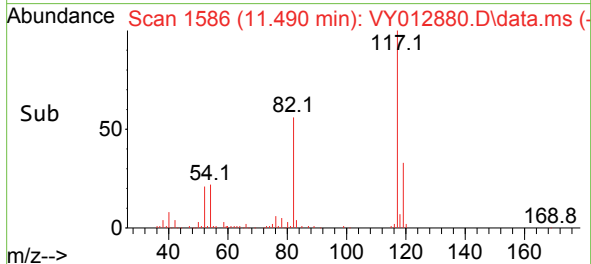
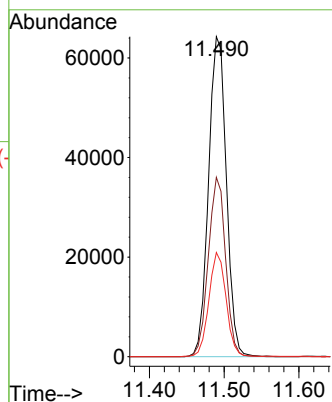
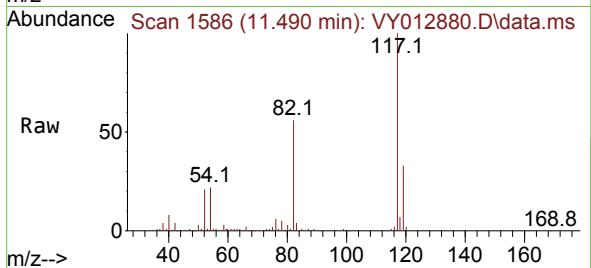
Tgt Ion:117 Resp: 106360

Ion Ratio Lower Upper

117 100

82 56.0 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: VY012880.D

Acq: 08 Mar 2023 18:46

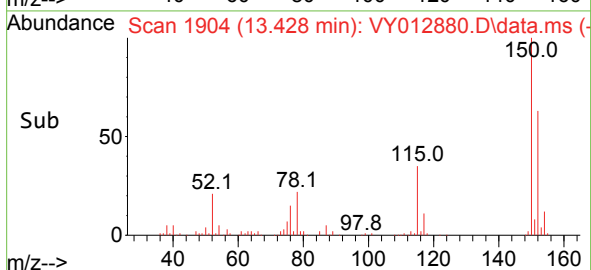
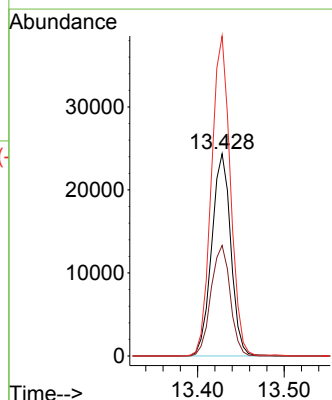
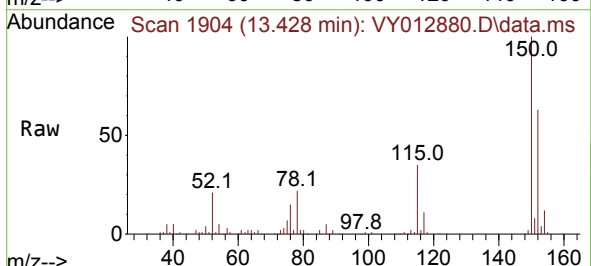
Tgt Ion:152 Resp: 37401

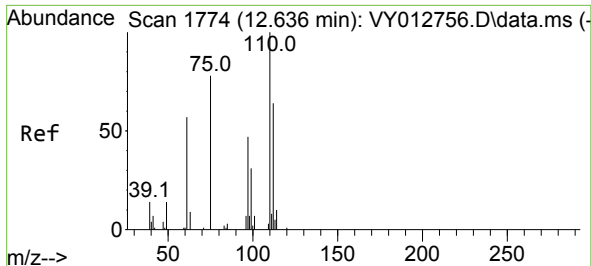
Ion Ratio Lower Upper

152 100

115 54.9 27.1 81.3

150 156.8 0.0 347.8

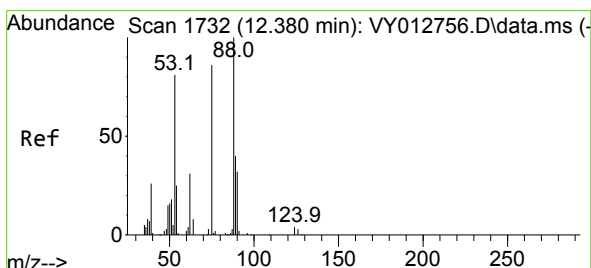
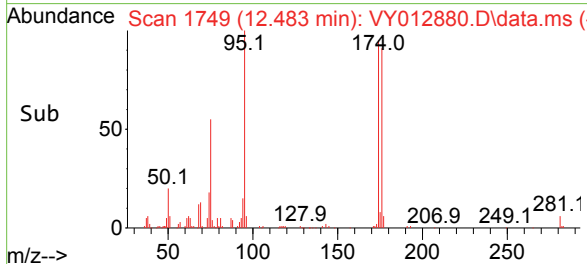
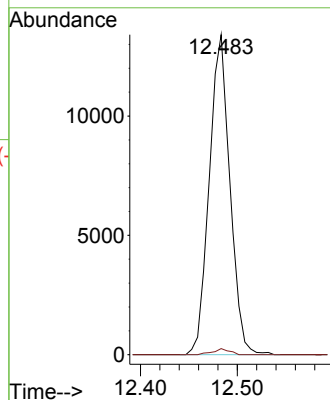
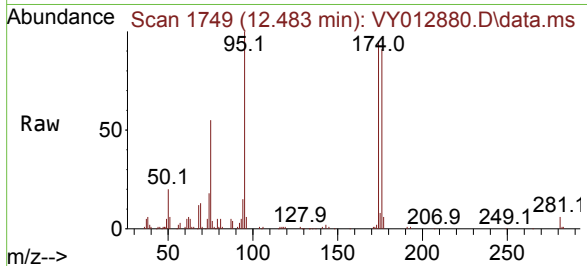




#76
1,2,3-Trichloropropane
Concen: 44.632 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306

Tgt Ion: 75 Resp: 19934
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.479 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012880.D
Acq: 08 Mar 2023 18:46

Tgt Ion: 75 Resp: 19934
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

