

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012882.D
 Acq On : 08 Mar 2023 19:33
 Operator : KP/MD
 Sample : 01829-12
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-10-20230306MSD

Quant Time: Mar 09 00:40:03 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)

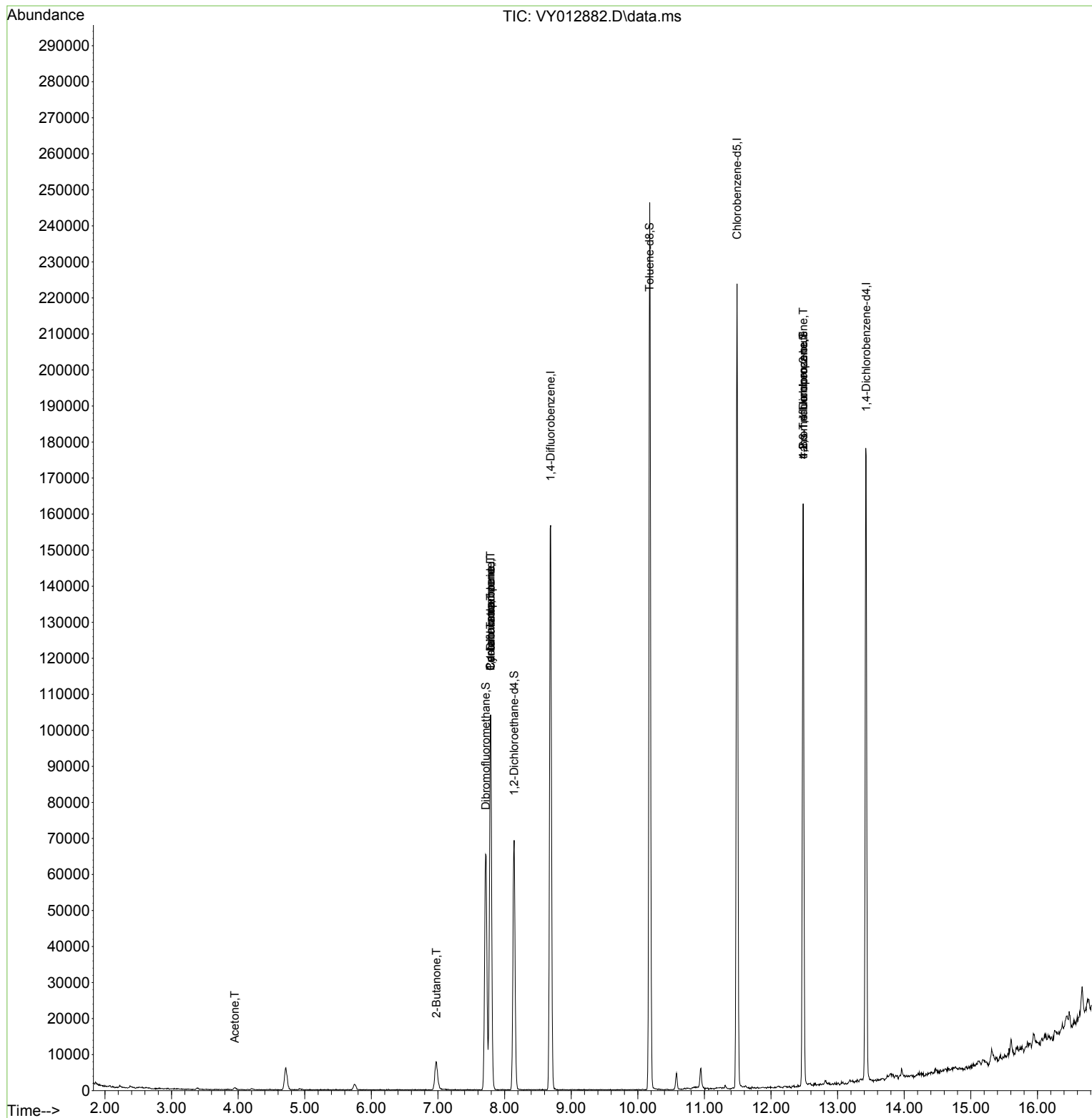
Internal Standards						
1) Pentafluorobenzene	7.789	168	81062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	118493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53450	66.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.820%
35) Dibromofluoromethane	7.716	113	47427	58.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.880%
50) Toluene-d8	10.179	98	161545	54.448	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.900%
62) 4-Bromofluorobenzene	12.483	95	45825	45.760	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.520%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.942	59	250	Below Cal	#	74
16) Acetone	3.948	43	1090	3.450	ug/l #	80
20) Methylene Chloride	4.716	84	4548	Below Cal		91
25) 2-Butanone	6.978	43	664	1.697	ug/l #	49
31) Cyclohexane	7.789	56	1660	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5974	4.393	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7766	5.530	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	23982	42.797	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23982	88.676	ug/l #	13

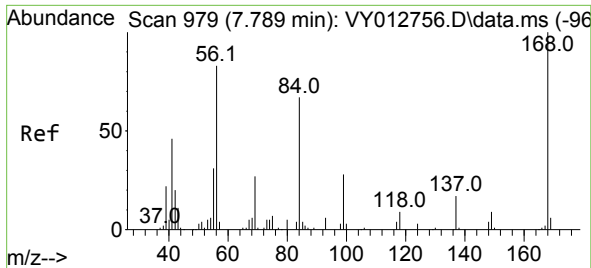
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

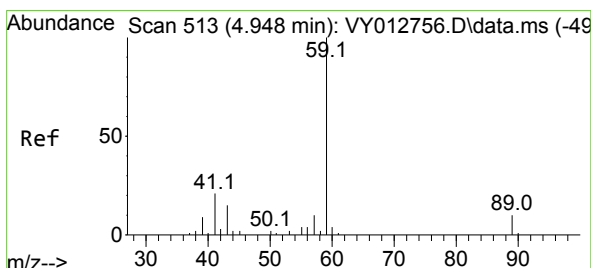
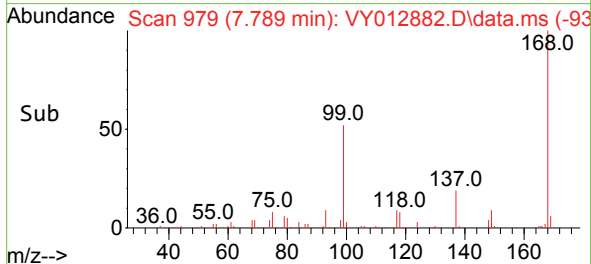
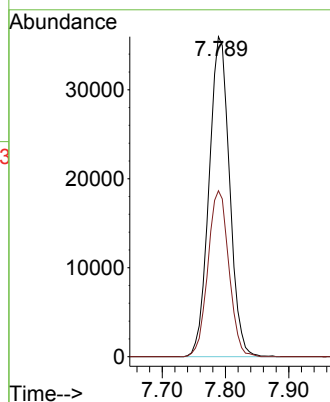
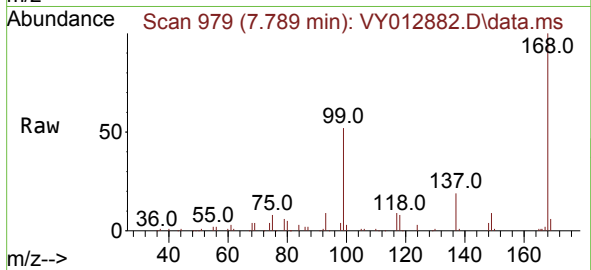




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012882.D
Acq: 08 Mar 2023 19:33

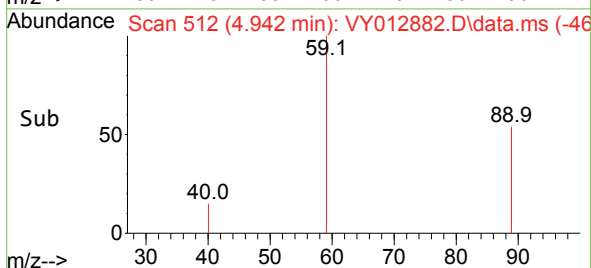
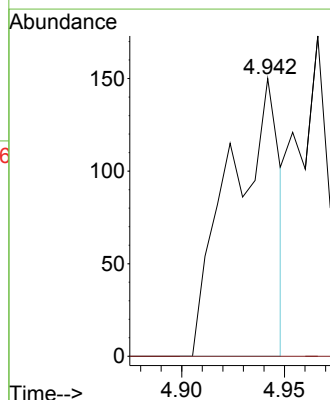
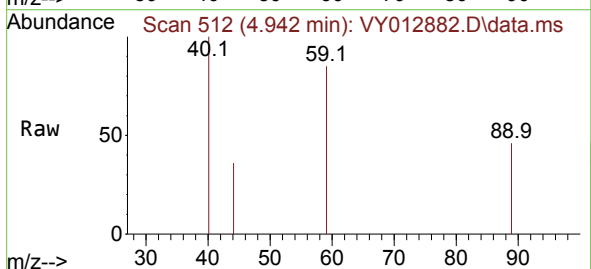
Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306MSD

Tgt Ion:168 Resp: 81062
Ion Ratio Lower Upper
168 100
99 51.9 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012882.D
Acq: 08 Mar 2023 19:33

Tgt Ion: 59 Resp: 250
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

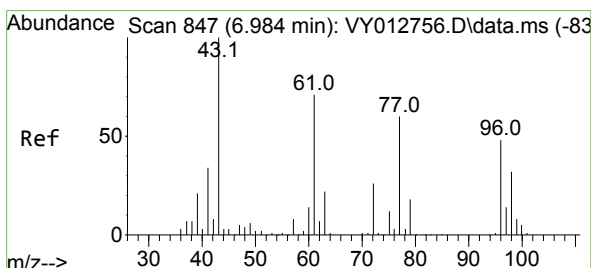
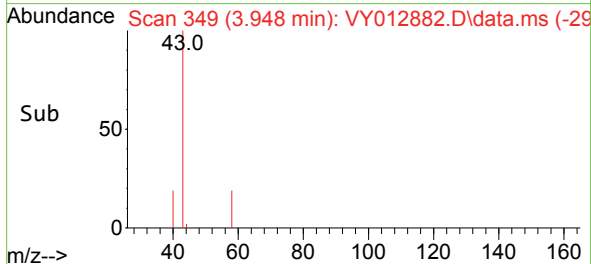
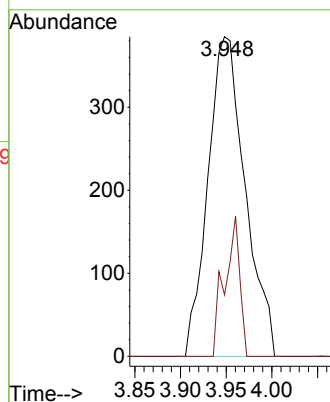
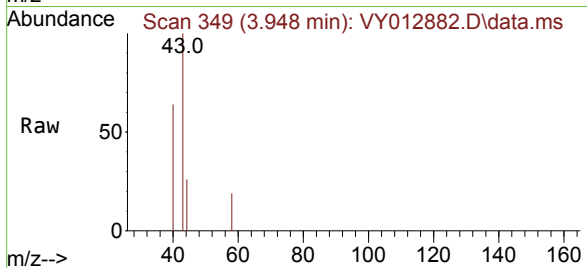




#16
Acetone
Concen: 3.450 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012882.D
Acq: 08 Mar 2023 19:33

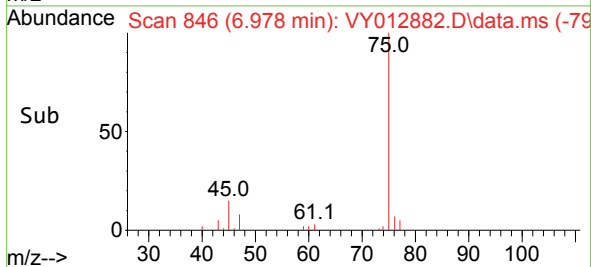
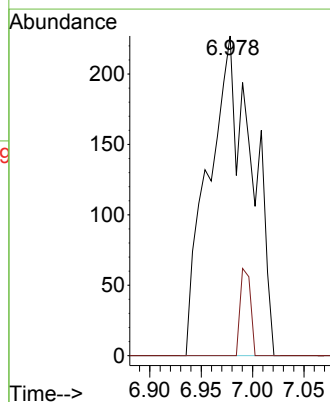
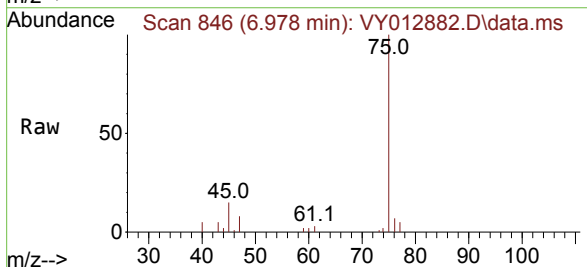
Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306MSD

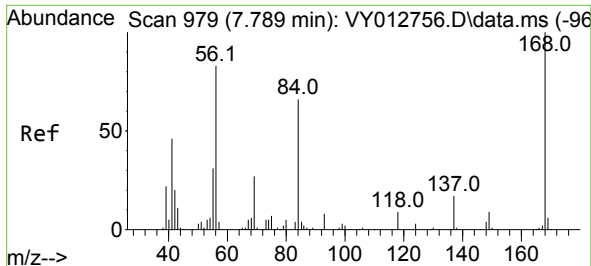
Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
58 19.2 24.2 36.2#



#25
2-Butanone
Concen: 1.697 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012882.D
Acq: 08 Mar 2023 19:33

Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#

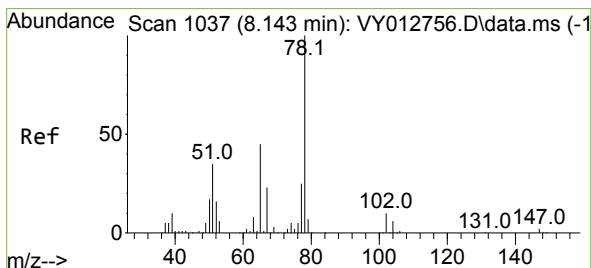
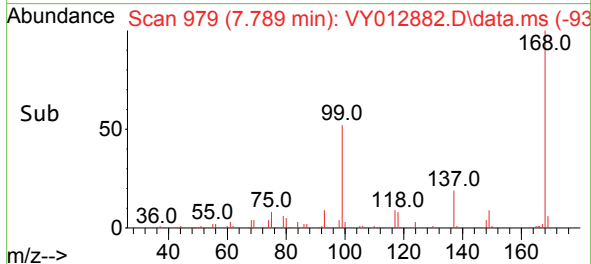
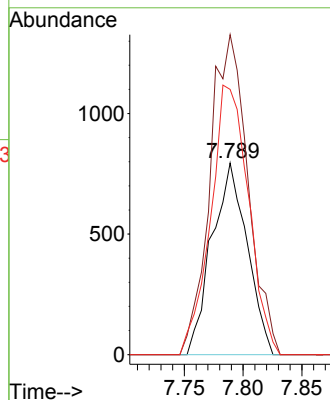
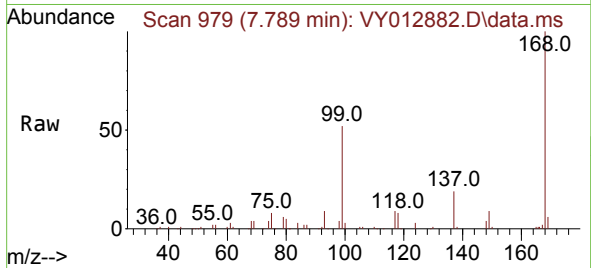




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012882.D
Acq: 08 Mar 2023 19:33

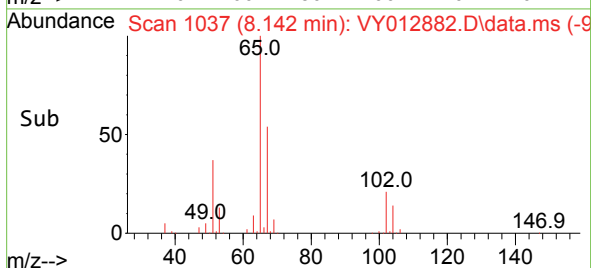
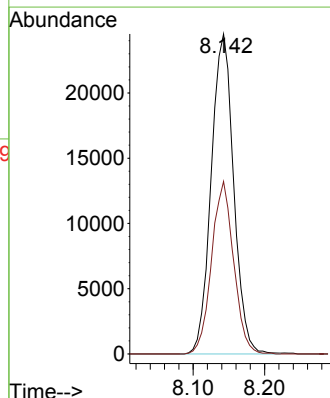
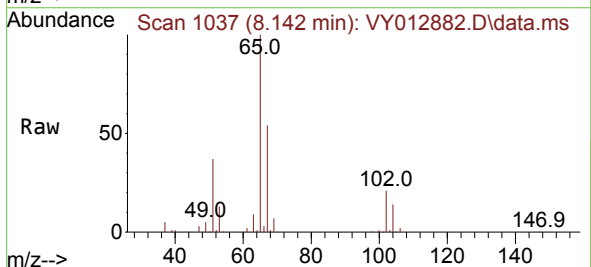
Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306MSD

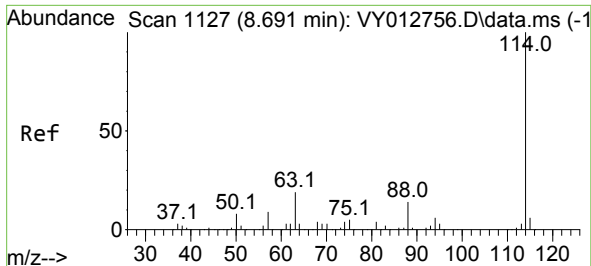
Tgt Ion: 56 Resp: 1660
Ion Ratio Lower Upper
56 100
69 166.9 25.7 38.5#
84 138.4 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 66.411 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012882.D
Acq: 08 Mar 2023 19:33

Tgt Ion: 65 Resp: 53450
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0

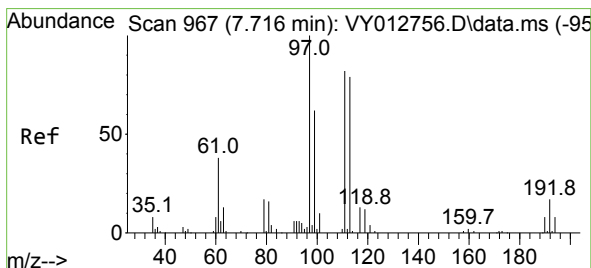
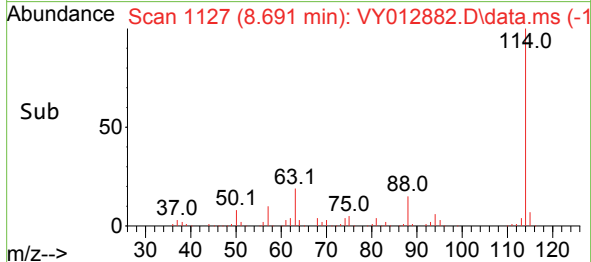
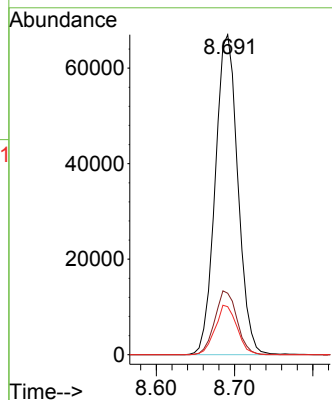
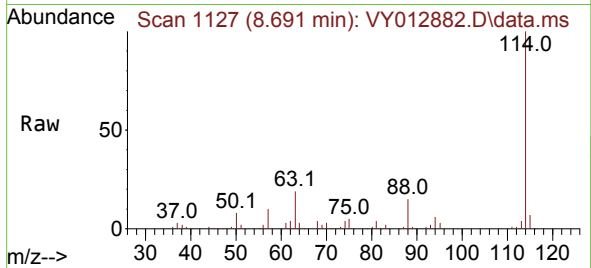




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012882.D
Acq: 08 Mar 2023 19:33

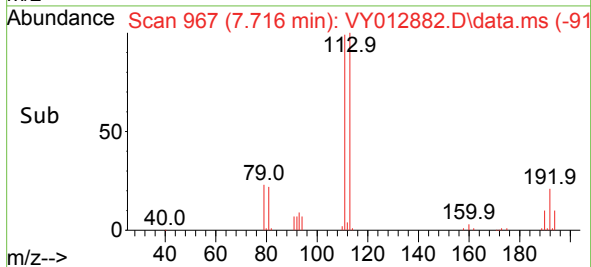
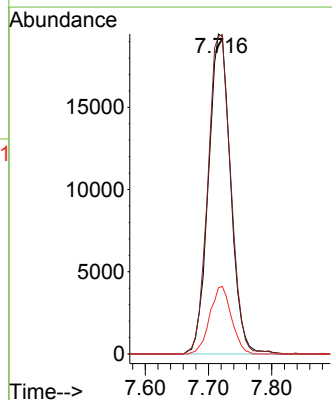
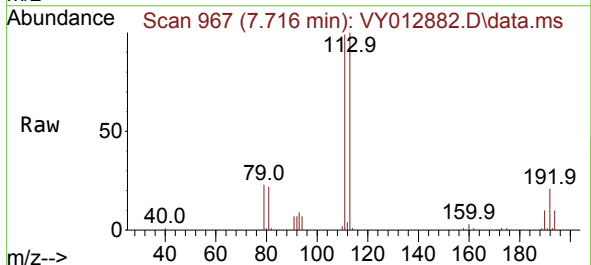
Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306MSD

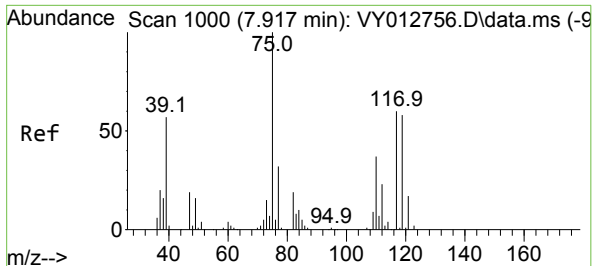
Tgt Ion:114 Resp: 134478
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 15.0 0.0 28.6



#35
Dibromofluoromethane
Concen: 58.438 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012882.D
Acq: 08 Mar 2023 19:33

Tgt Ion:113 Resp: 47427
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.393 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012882.D

Acq: 08 Mar 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

SS-10-20230306MSD

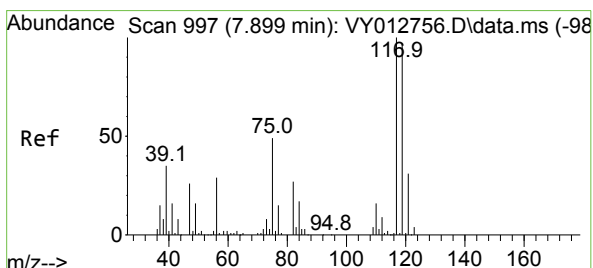
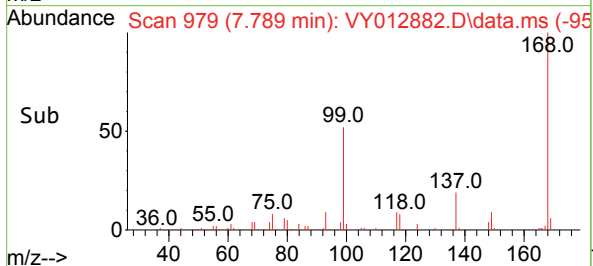
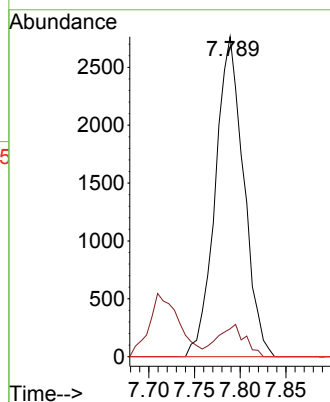
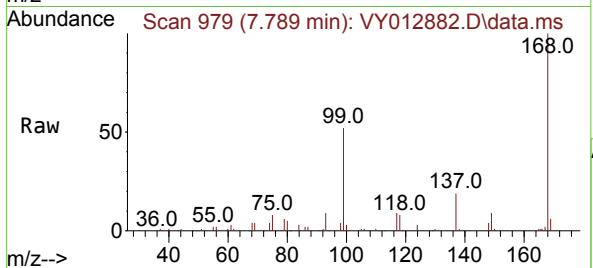
Tgt Ion: 75 Resp: 5974

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.530 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012882.D

Acq: 08 Mar 2023 19:33

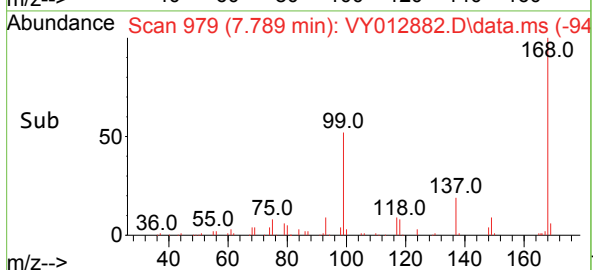
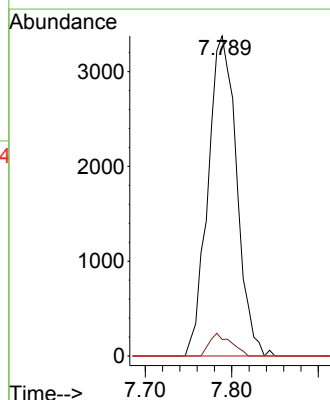
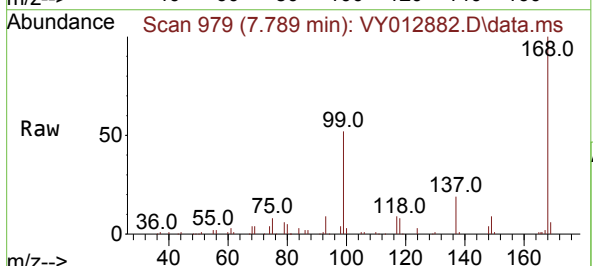
Tgt Ion: 117 Resp: 7766

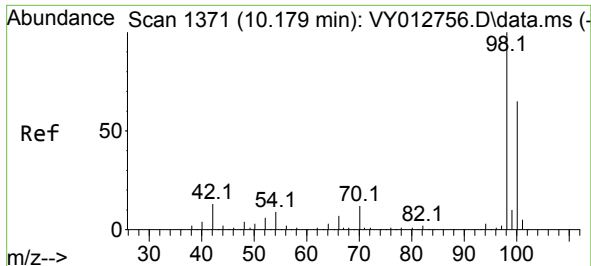
Ion Ratio Lower Upper

117 100

119 5.2 77.2 115.8#

121 0.0 24.7 37.1#

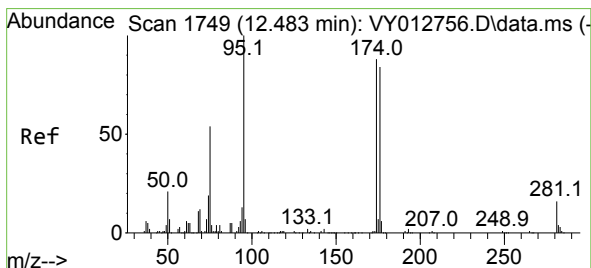
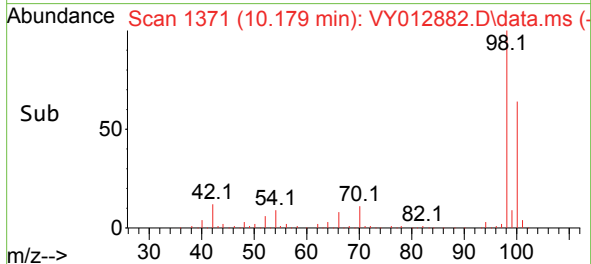
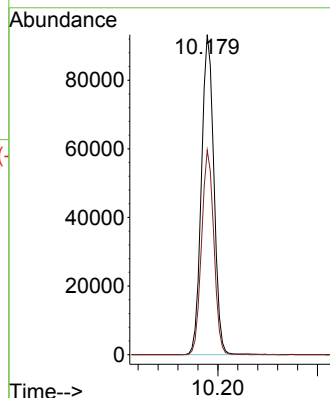
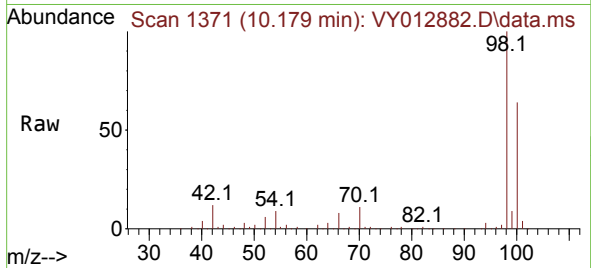




#50
Toluene-d8
Concen: 54.448 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012882.D
Acq: 08 Mar 2023 19:33

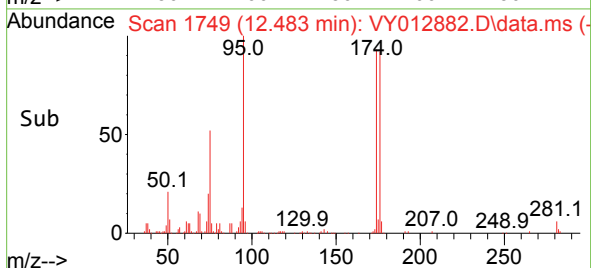
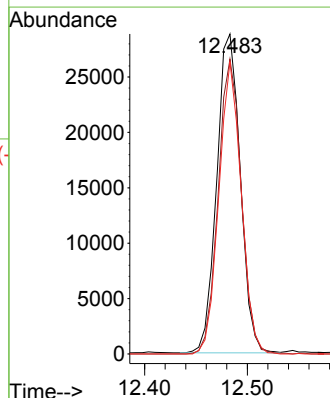
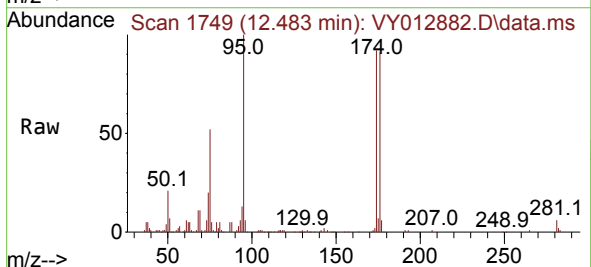
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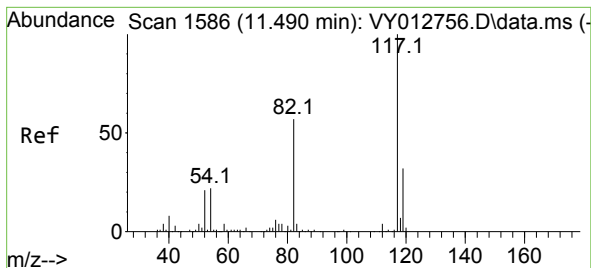
Tgt Ion: 98 Resp: 161545
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.760 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012882.D
Acq: 08 Mar 2023 19:33

Tgt Ion: 95 Resp: 45825
Ion Ratio Lower Upper
95 100
174 90.8 0.0 176.6
176 86.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY012882.D

Acq: 08 Mar 2023 19:33

Instrument :

MSVOA_Y

ClientSampleId :

SS-10-20230306MSD

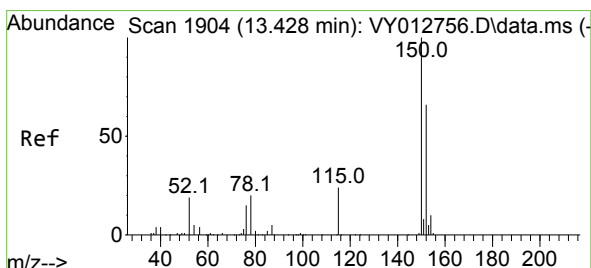
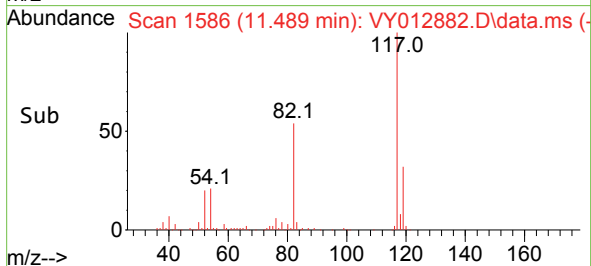
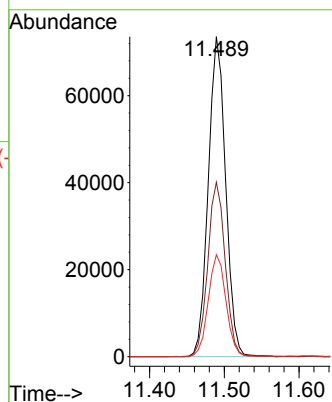
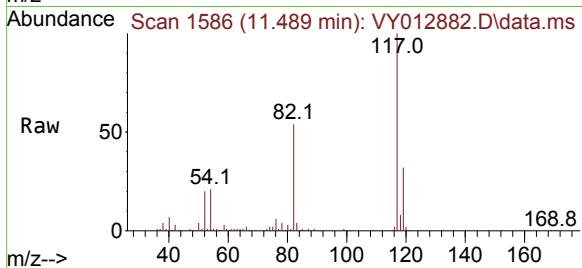
Tgt Ion:117 Resp: 118493

Ion Ratio Lower Upper

117 100

82 54.5 45.4 68.0

119 31.8 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: VY012882.D

Acq: 08 Mar 2023 19:33

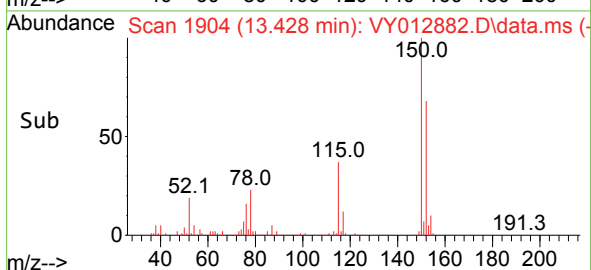
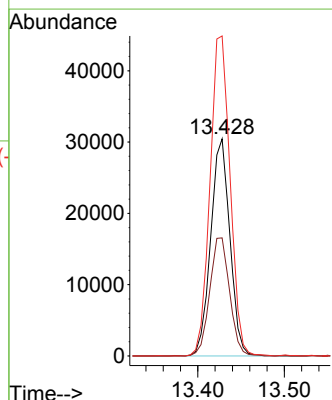
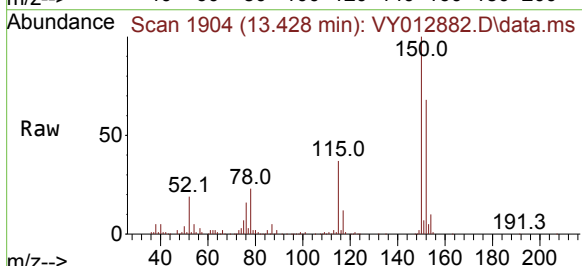
Tgt Ion:152 Resp: 46926

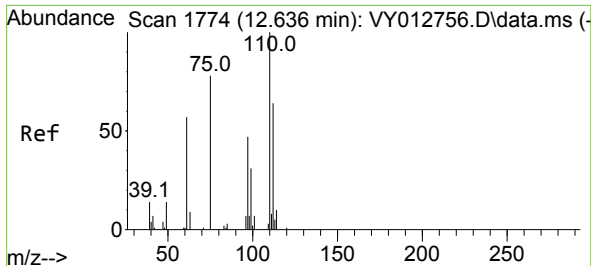
Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.3

150 153.7 0.0 347.8

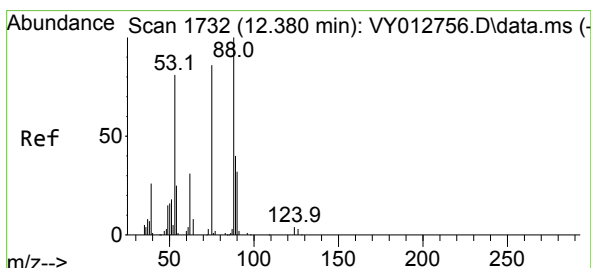
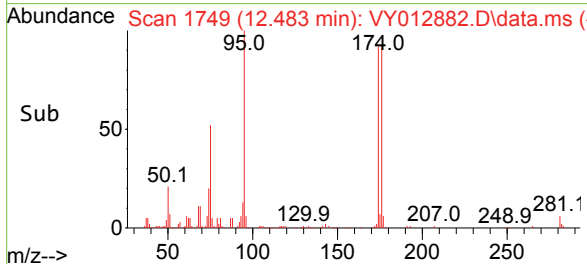
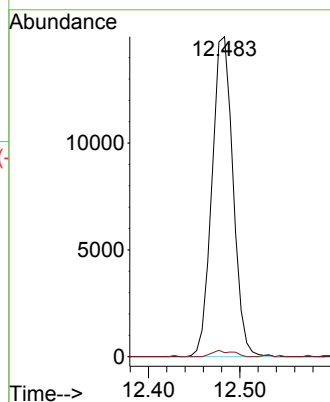
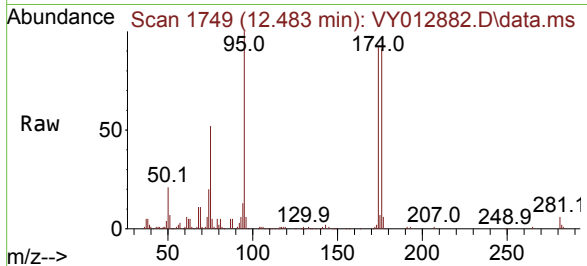




#76
1,2,3-Trichloropropane
Concen: 42.797 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012882.D
Acq: 08 Mar 2023 19:33

Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306MSD

Tgt Ion: 75 Resp: 23982
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.676 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012882.D
Acq: 08 Mar 2023 19:33

Tgt Ion: 75 Resp: 23982
Ion Ratio Lower Upper
75 100
53 0.3 73.4 110.0#
89 0.0 36.6 55.0#

