

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012892.D
 Acq On : 09 Mar 2023 12:31
 Operator : KP/MD
 Sample : 01829-06RE
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-06-20230306

Quant Time: Mar 10 00:28:55 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)

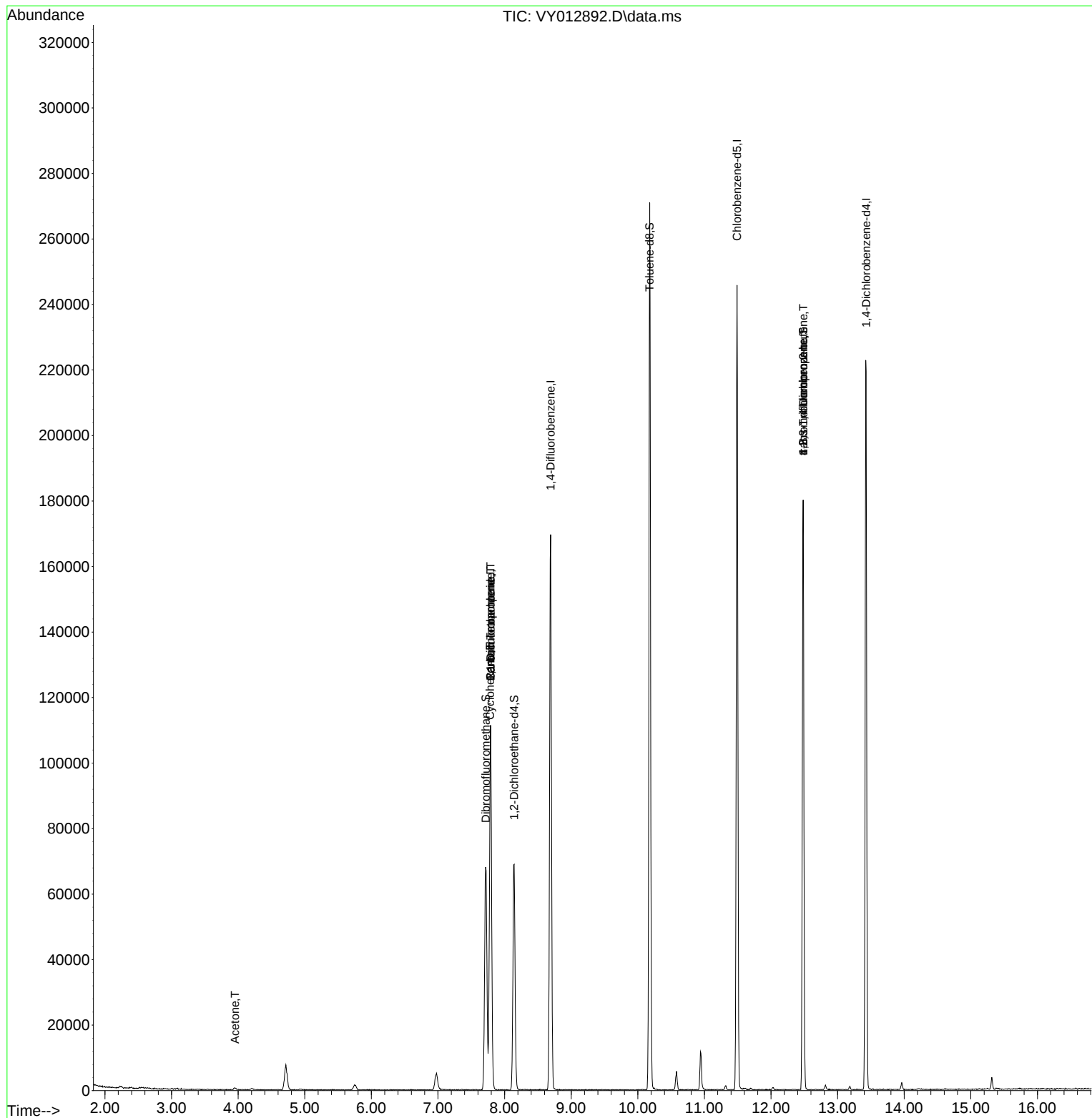
Internal Standards						
1) Pentafluorobenzene	7.789	168	85803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	131354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53424	62.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.420%	
35) Dibromofluoromethane	7.716	113	49050	57.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.020%	
50) Toluene-d8	10.179	98	173384	55.124	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.240%	
62) 4-Bromofluorobenzene	12.483	95	51653	48.655	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	258	Below Cal	#	74
16) Acetone	3.954	43	963	2.880	ug/l #	80
20) Methylene Chloride	4.716	84	5274	Below Cal		88
31) Cyclohexane	7.783	56	1781	1.092	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6449	4.473	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8135	5.464	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	27313	39.398	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27313	81.634	ug/l #	13

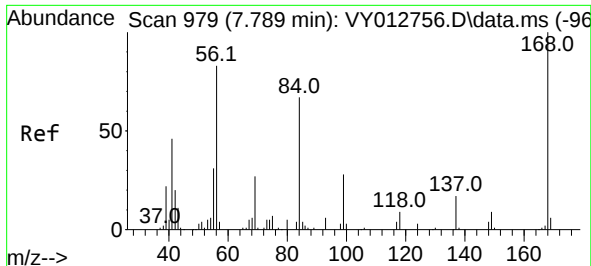
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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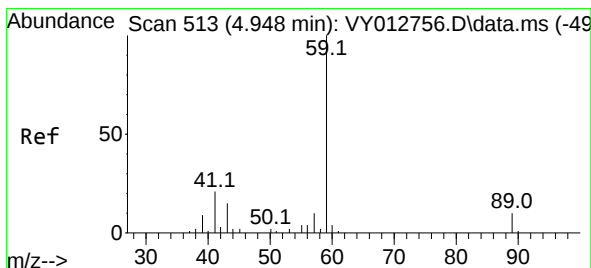
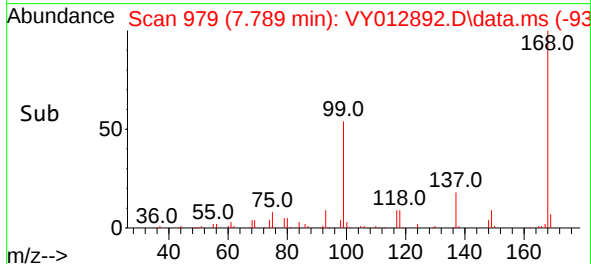
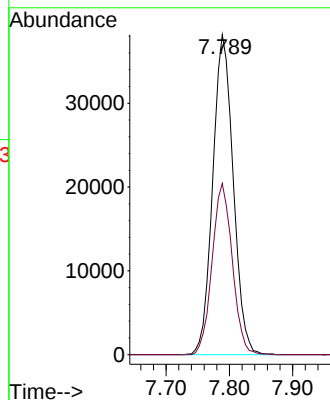
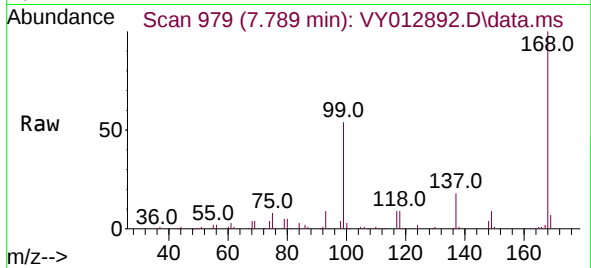




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012892.D
Acq: 09 Mar 2023 12:31

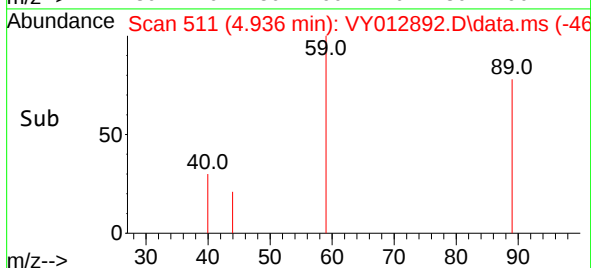
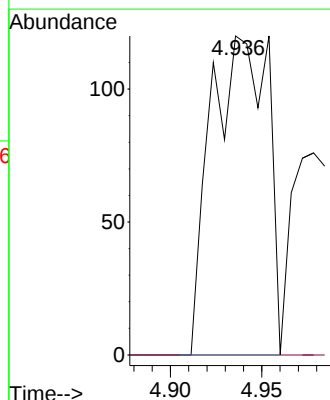
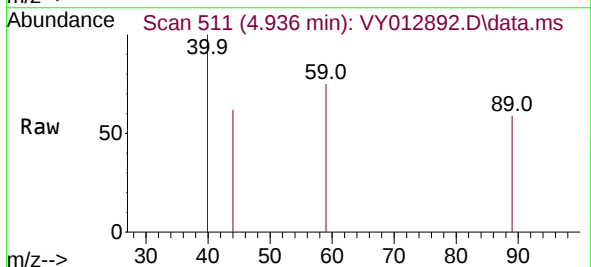
Instrument :
MSVOA_Y
ClientSampleId :
SS-06-20230306

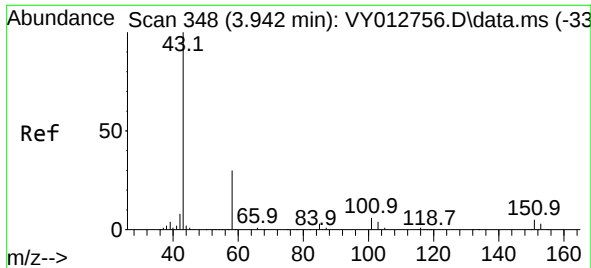
Tgt Ion:168 Resp: 85803
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012892.D
Acq: 09 Mar 2023 12:31

Tgt Ion: 59 Resp: 258
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 2.880 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY012892.D

Acq: 09 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

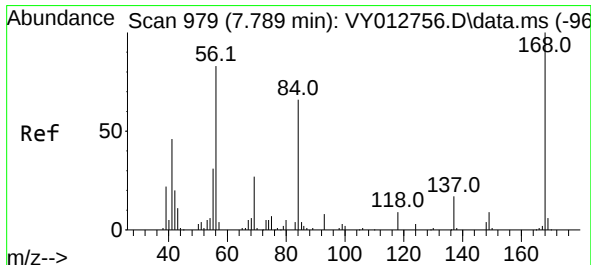
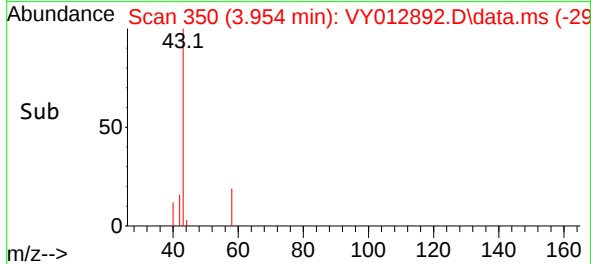
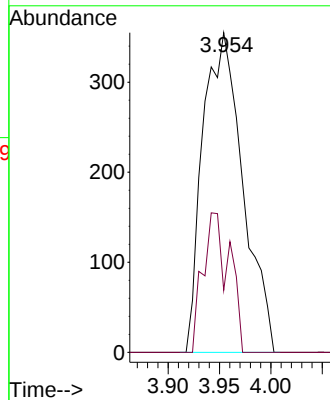
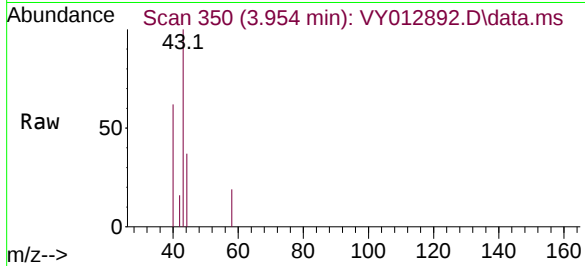
SS-06-20230306

Tgt Ion: 43 Resp: 963

Ion Ratio Lower Upper

43 100

58 19.4 24.2 36.2#



#31

Cyclohexane

Concen: 1.092 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY012892.D

Acq: 09 Mar 2023 12:31

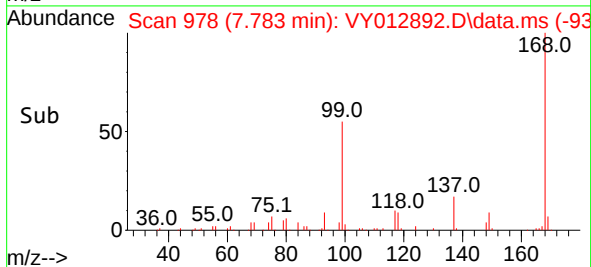
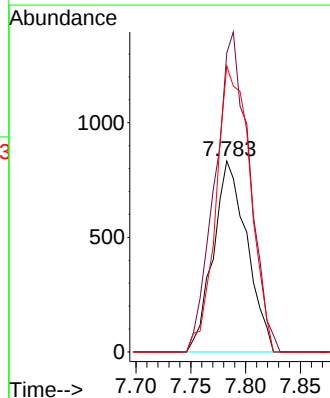
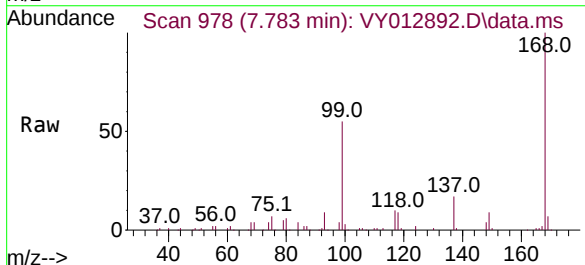
Tgt Ion: 56 Resp: 1781

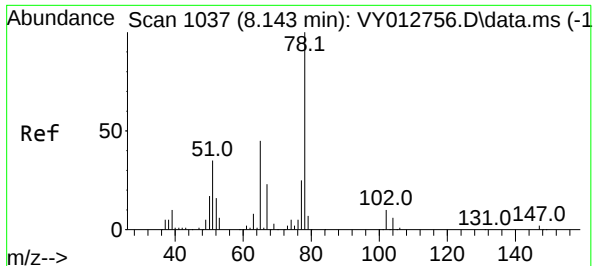
Ion Ratio Lower Upper

56 100

69 156.5 25.7 38.5#

84 149.7 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 62.711 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012892.D

Acq: 09 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

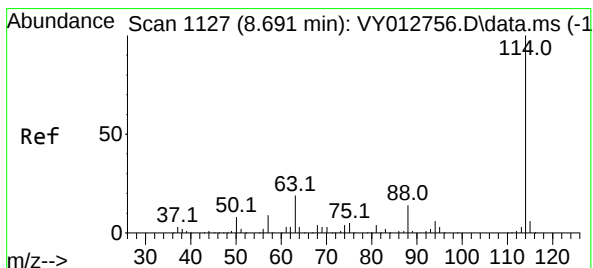
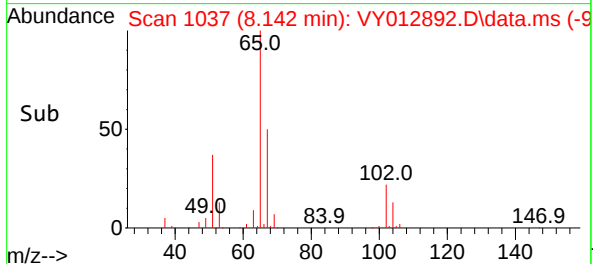
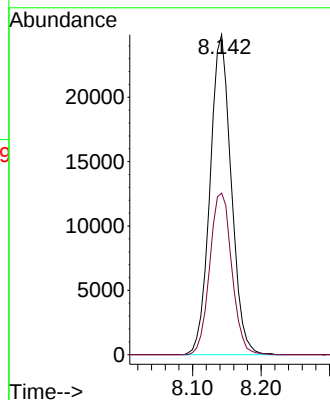
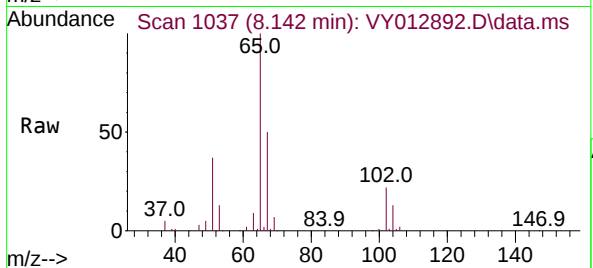
SS-06-20230306

Tgt Ion: 65 Resp: 53424

Ion Ratio Lower Upper

65 100

67 52.5 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: VY012892.D

Acq: 09 Mar 2023 12:31

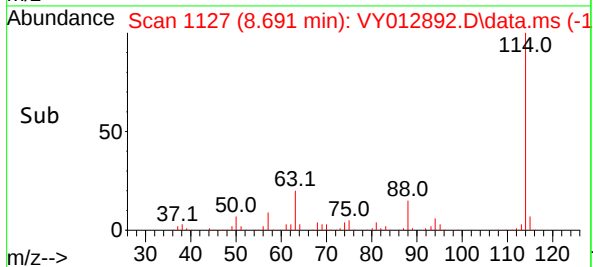
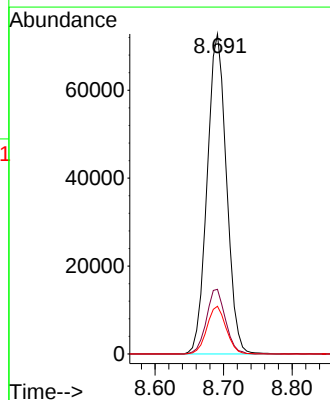
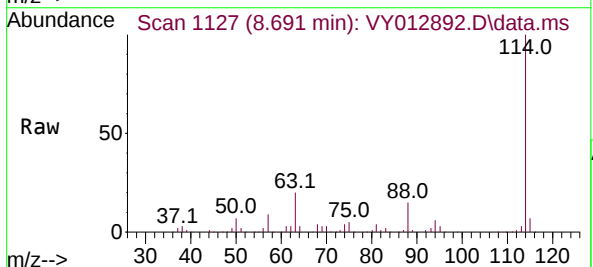
Tgt Ion: 114 Resp: 142563

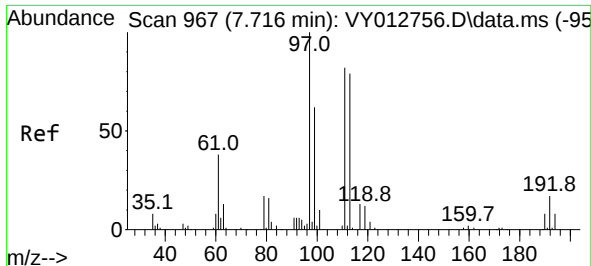
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.9 0.0 28.6





#35

Dibromofluoromethane

Concen: 57.011 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY012892.D

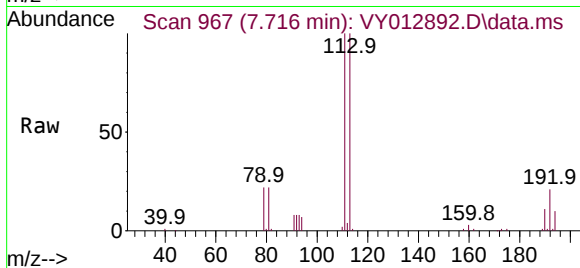
Acq: 09 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

SS-06-20230306



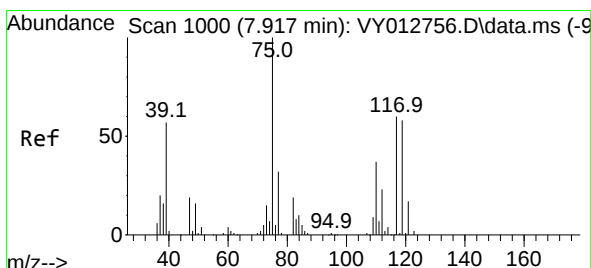
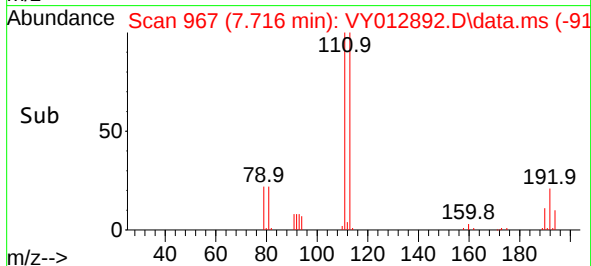
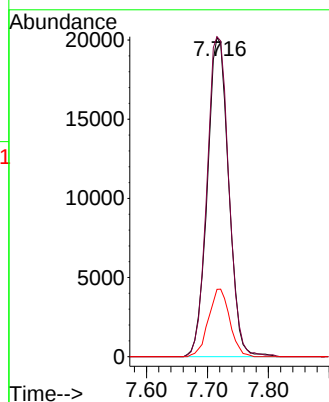
Tgt Ion:113 Resp: 49050

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 21.1 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.473 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY012892.D

Acq: 09 Mar 2023 12:31

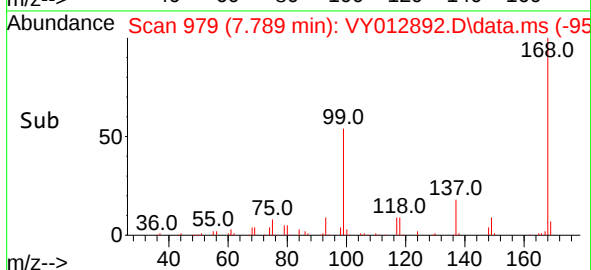
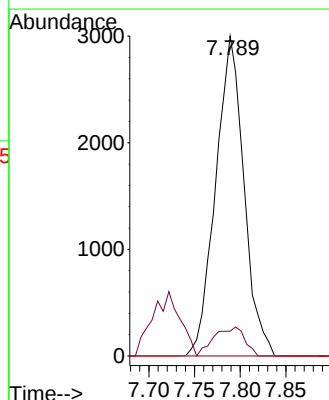
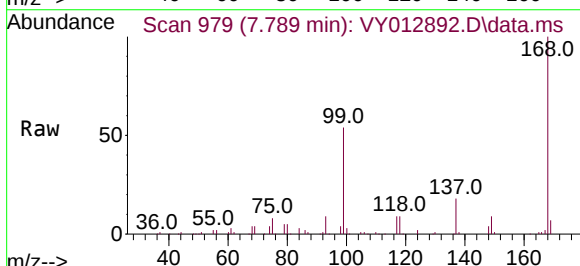
Tgt Ion: 75 Resp: 6449

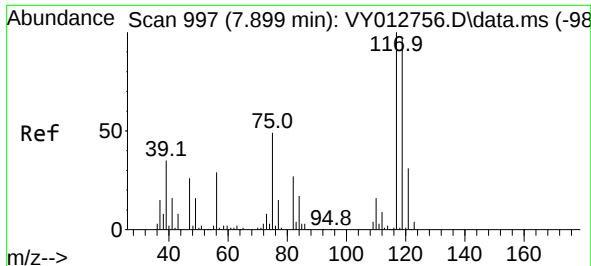
Ion Ratio Lower Upper

75 100

110 9.8 17.8 53.3#

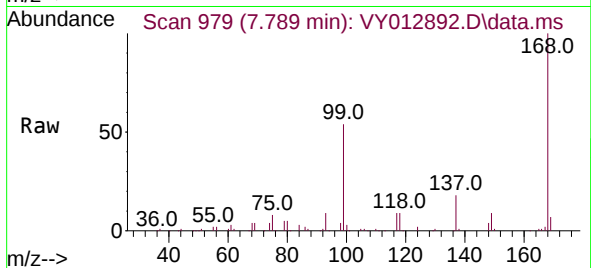
77 0.0 25.0 37.4#



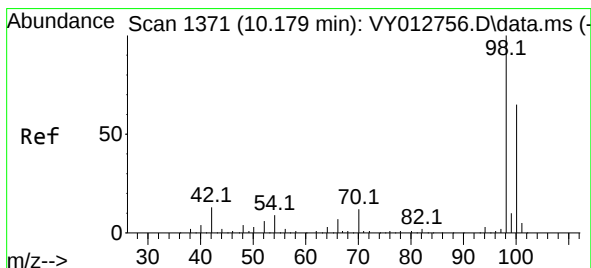
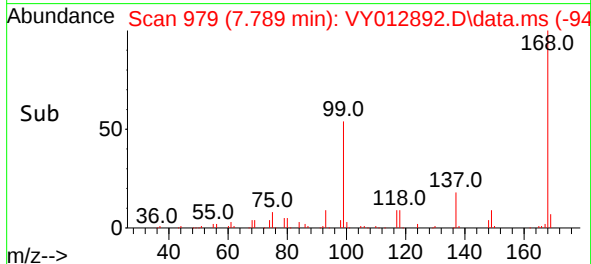
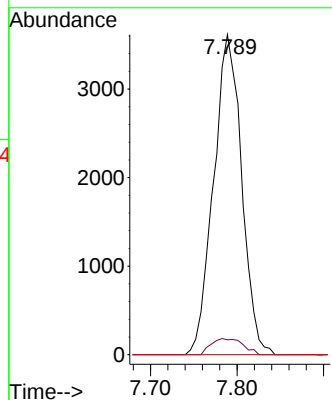


#38
Carbon Tetrachloride
Concen: 5.464 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012892.D
Acq: 09 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
SS-06-20230306

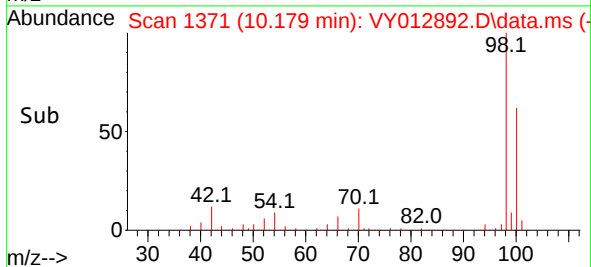
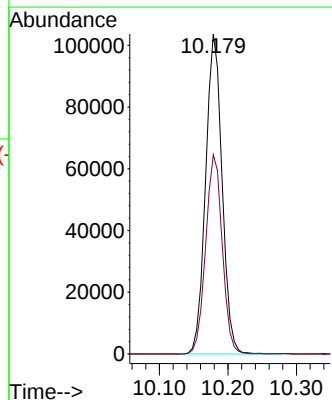
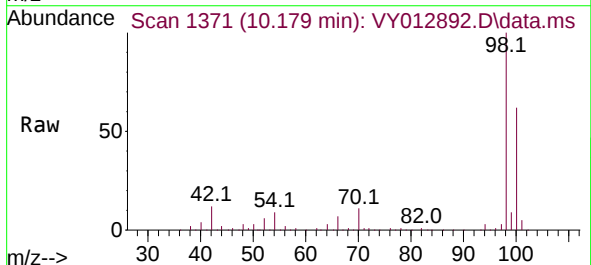


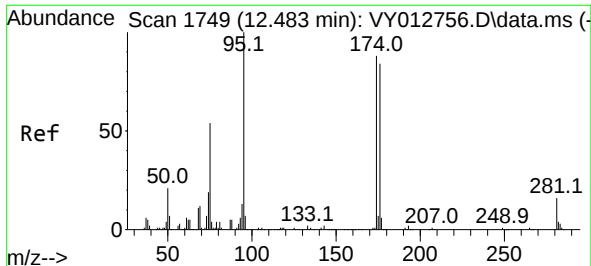
Tgt Ion:117 Resp: 8135
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.124 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012892.D
Acq: 09 Mar 2023 12:31

Tgt Ion: 98 Resp: 173384
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

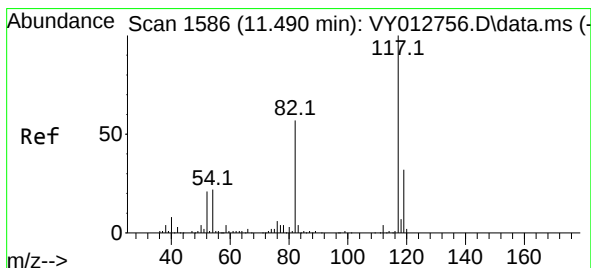
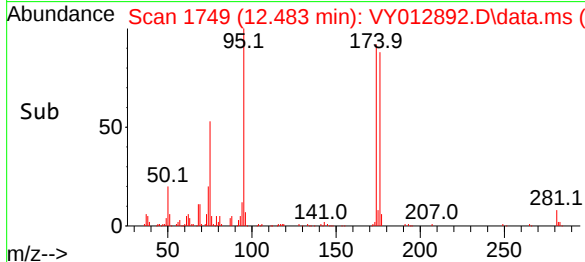
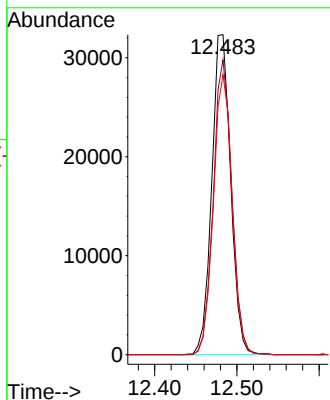
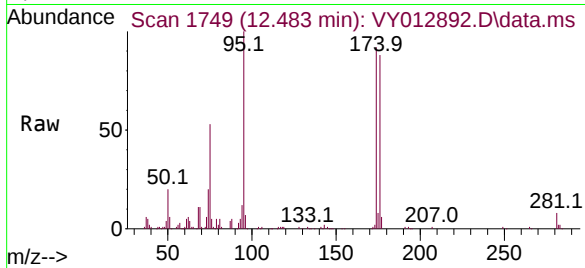




#62
4-Bromofluorobenzene
Concen: 48.655 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012892.D
Acq: 09 Mar 2023 12:31

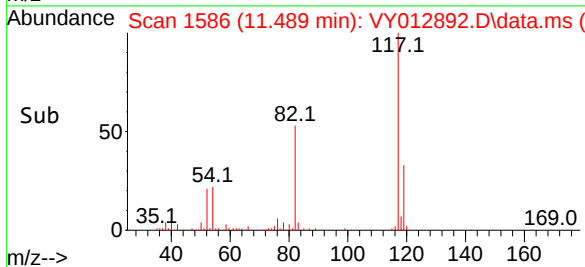
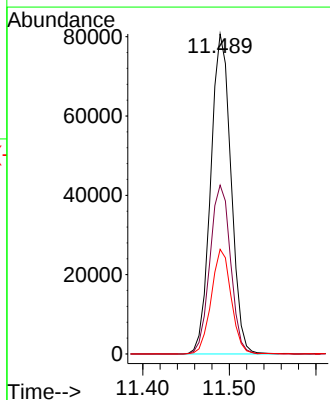
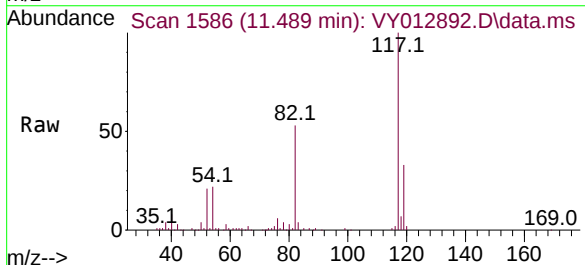
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ClientSampleId :
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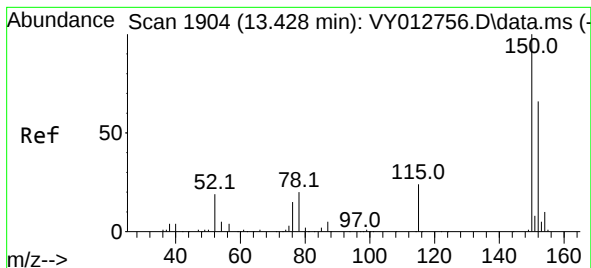
Tgt Ion: 95 Resp: 51653
Ion Ratio Lower Upper
95 100
174 90.4 0.0 176.6
176 86.9 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012892.D
Acq: 09 Mar 2023 12:31

Tgt Ion: 117 Resp: 131354
Ion Ratio Lower Upper
117 100
82 52.8 45.4 68.0
119 32.7 25.6 38.4

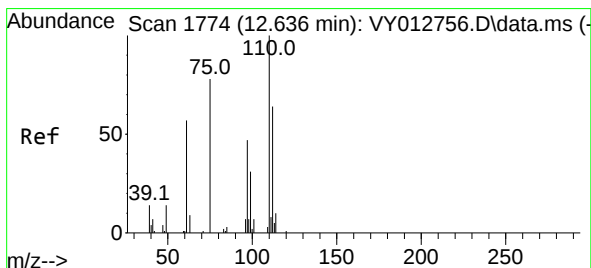
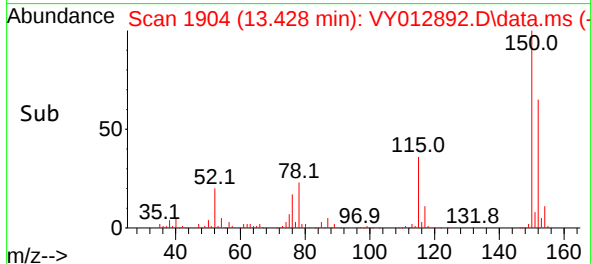
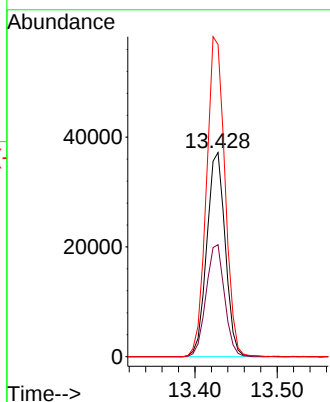
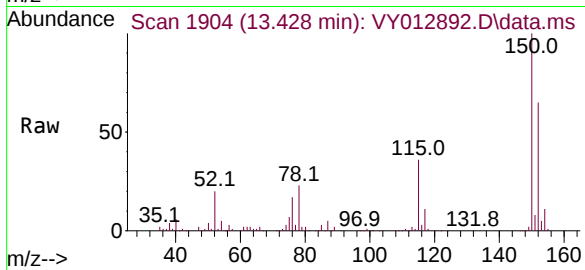




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012892.D
 Acq: 09 Mar 2023 12:31

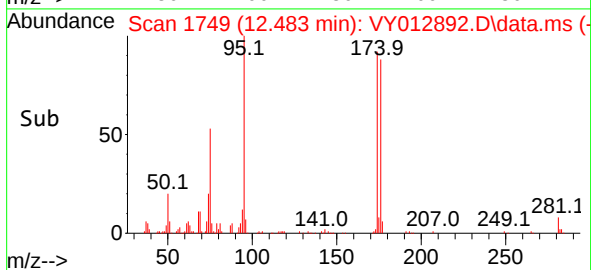
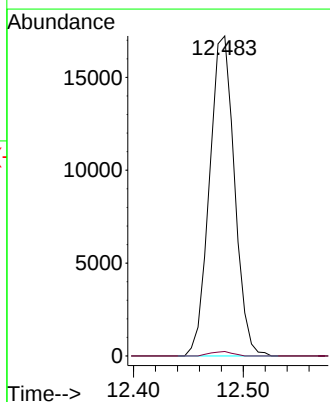
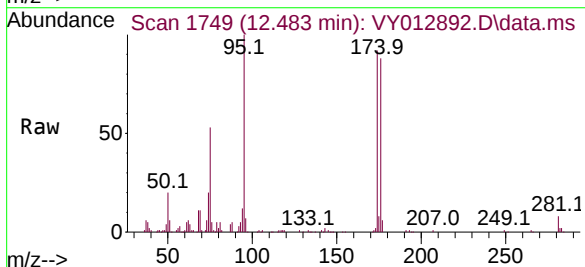
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-06-20230306

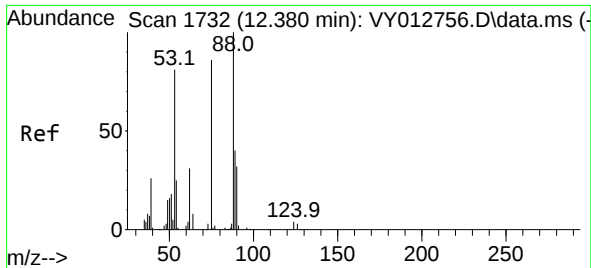
Tgt Ion:152 Resp: 58054
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.1 81.3
 150 157.0 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 39.398 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012892.D
 Acq: 09 Mar 2023 12:31

Tgt Ion: 75 Resp: 27313
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.634 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012892.D
 Acq: 09 Mar 2023 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-06-20230306

Tgt Ion: 75 Resp: 27313
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

