

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011256.D
 Acq On : 02 Nov 2022 12:48
 Operator : KP/MD
 Sample : N5337-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-14.5-15.0

Quant Time: Nov 03 05:14:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

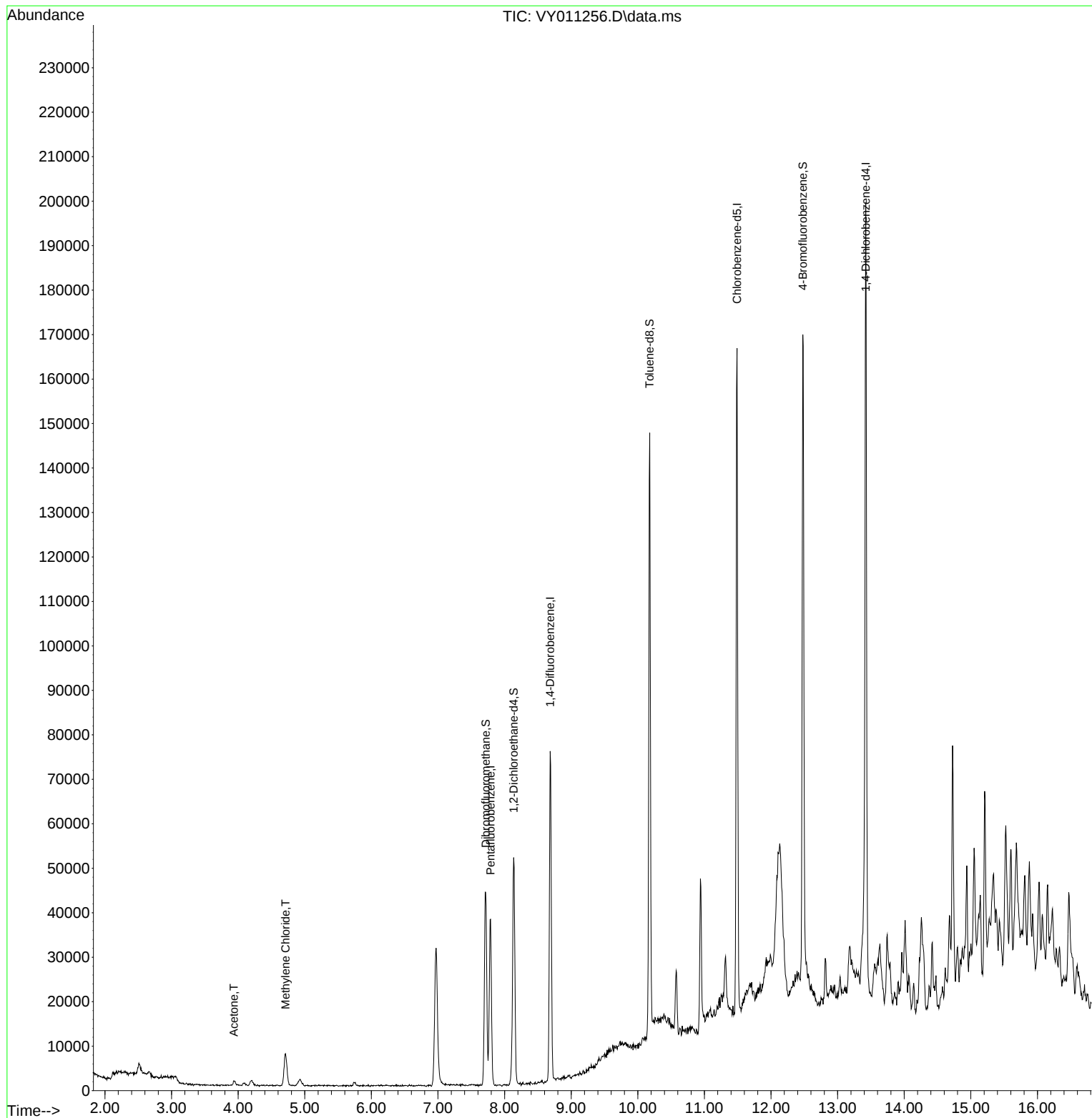
Internal Standards						
1) Pentafluorobenzene	7.789	168	30018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	65729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	85509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39171	122.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 244.020%#	
35) Dibromofluoromethane	7.715	113	32530	77.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 154.060%#	
50) Toluene-d8	10.178	98	91584	55.856	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.720%	
62) 4-Bromofluorobenzene	12.477	95	47185	82.894	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 165.780%#	
Target Compounds						Qvalue
16) Acetone	3.936	43	1744	17.996	ug/l #	75
20) Methylene Chloride	4.710	84	6047	11.373	ug/l #	84

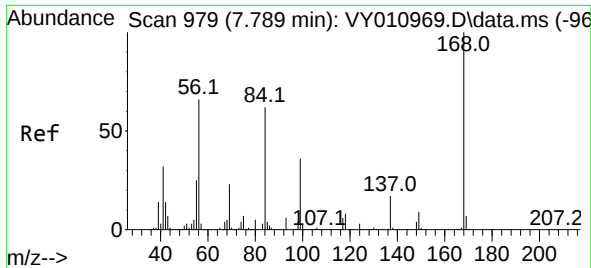
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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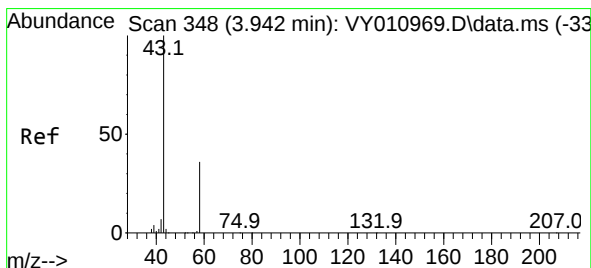
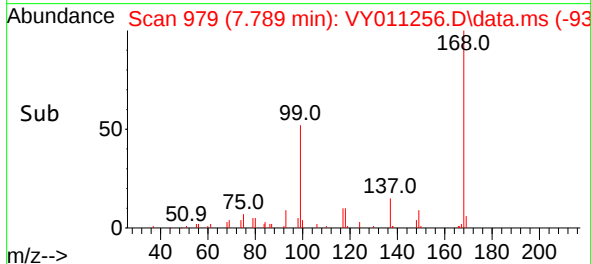
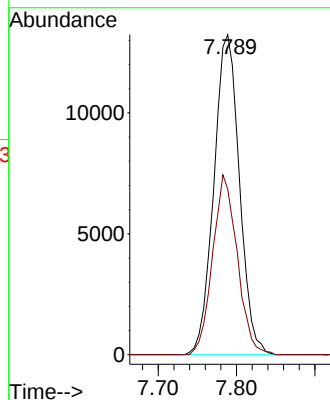
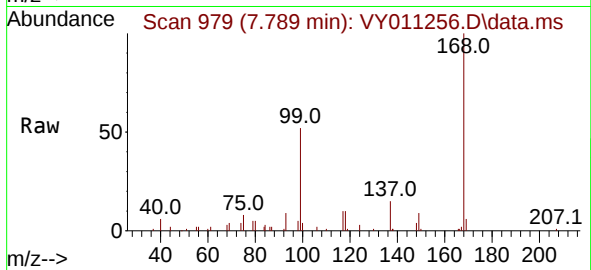




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011256.D
Acq: 02 Nov 2022 12:48

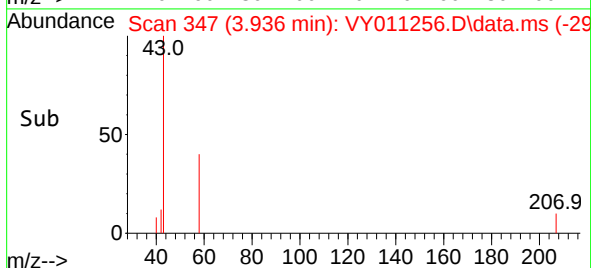
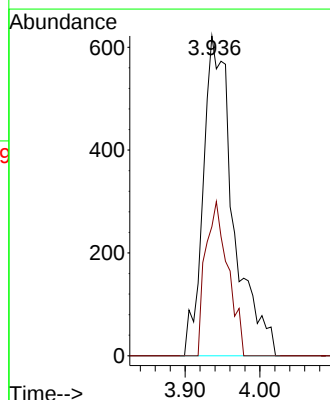
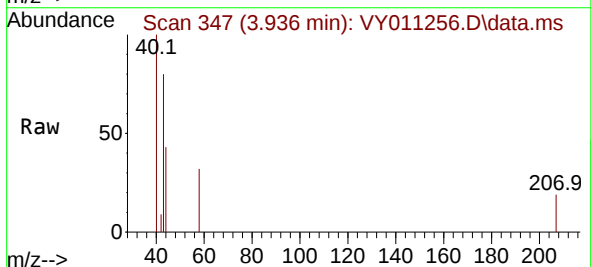
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

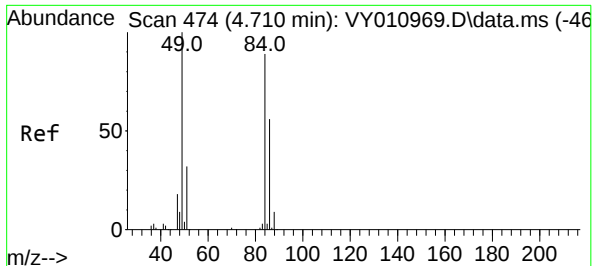
Tgt Ion:168 Resp: 30018
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#16
Acetone
Concen: 17.996 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY011256.D
Acq: 02 Nov 2022 12:48

Tgt Ion: 43 Resp: 1744
Ion Ratio Lower Upper
43 100
58 40.4 22.0 33.0#





#20

Methylene Chloride

Concen: 11.373 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY011256.D

Acq: 02 Nov 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-14.5-15.0

Tgt Ion: 84 Resp: 6047

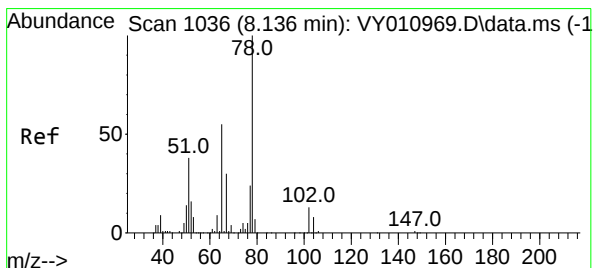
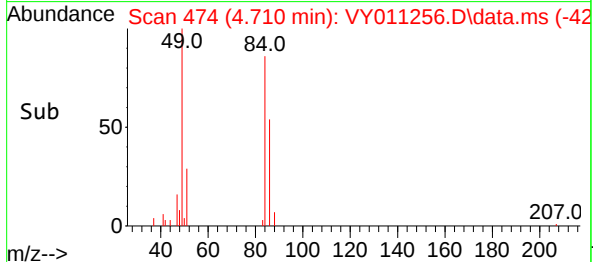
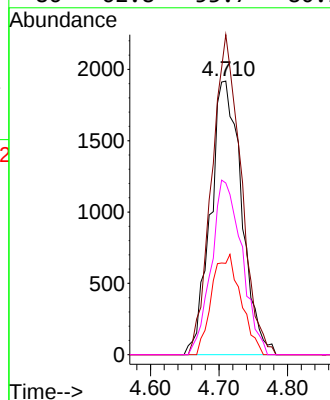
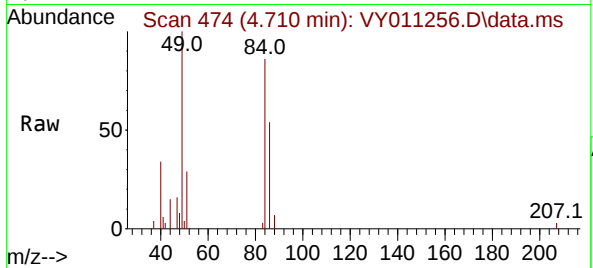
Ion Ratio Lower Upper

84 100

49 116.9 114.4 171.6

51 33.4 35.3 52.9#

86 62.8 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 122.011 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011256.D

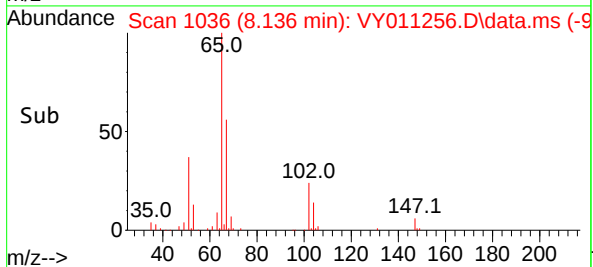
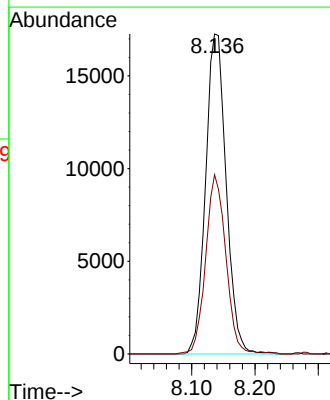
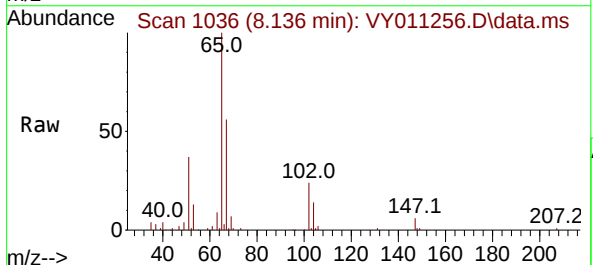
Acq: 02 Nov 2022 12:48

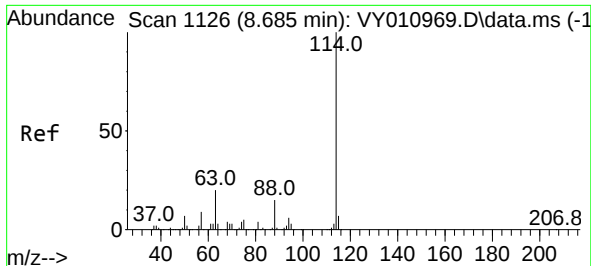
Tgt Ion: 65 Resp: 39171

Ion Ratio Lower Upper

65 100

67 55.1 0.0 99.4

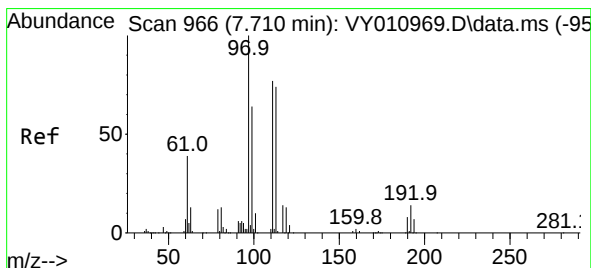
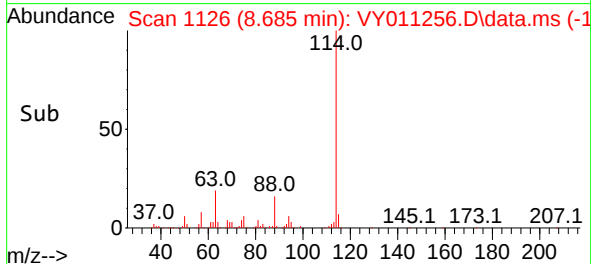
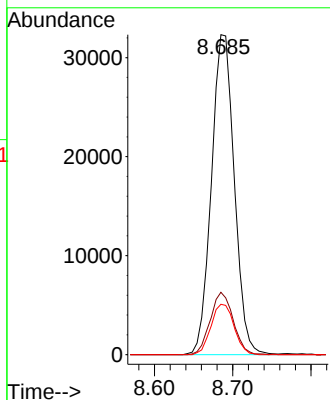
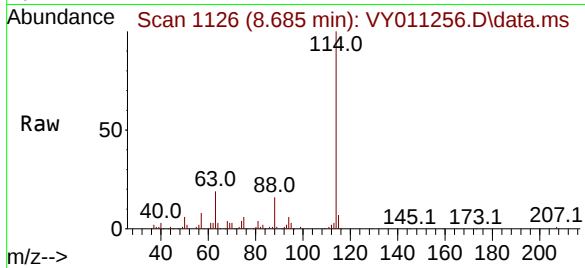




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011256.D
Acq: 02 Nov 2022 12:48

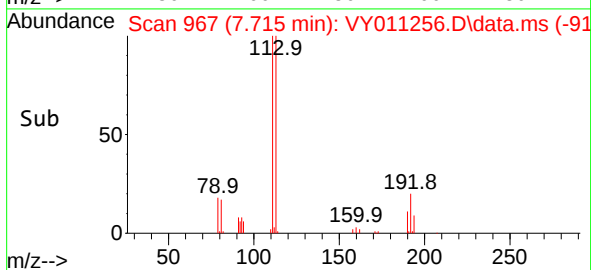
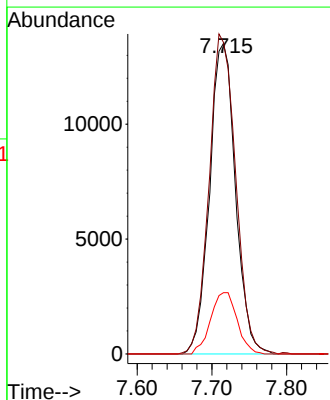
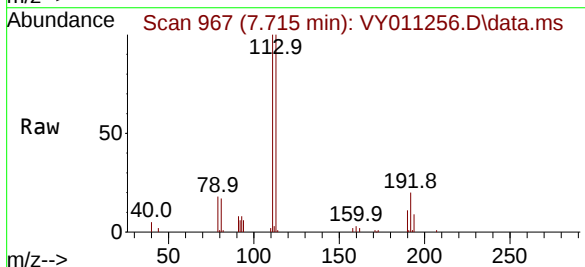
Instrument :
MSVOA_Y
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SB-03-14.5-15.0

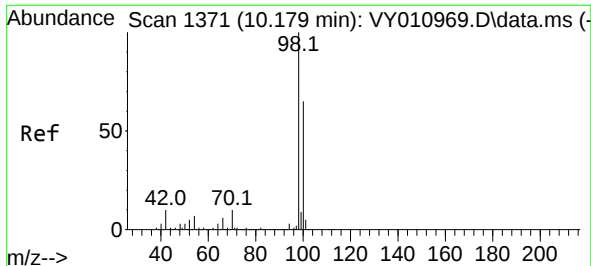
Tgt Ion:	114	Resp:	65729
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	43.2
88	15.8	0.0	31.8



#35
Dibromofluoromethane
Concen: 77.029 ug/l
RT: 7.715 min Scan# 967
Delta R.T. 0.005 min
Lab File: VY011256.D
Acq: 02 Nov 2022 12:48

Tgt Ion:	113	Resp:	32530
Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.6	124.0
192	20.3	17.6	26.4

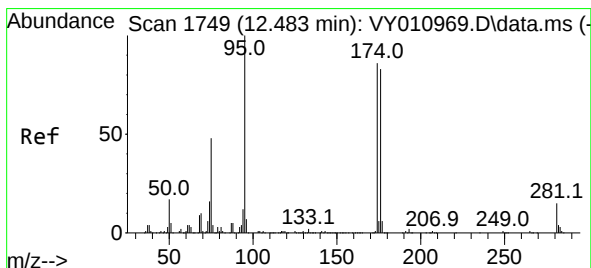
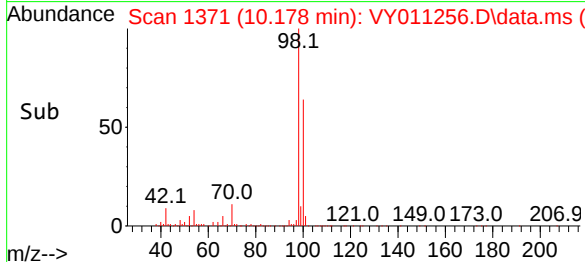
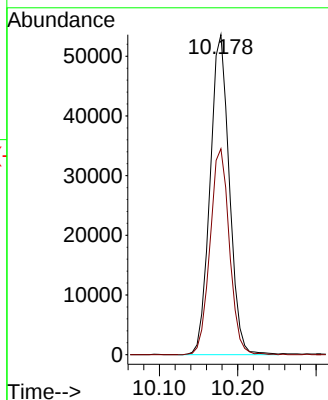
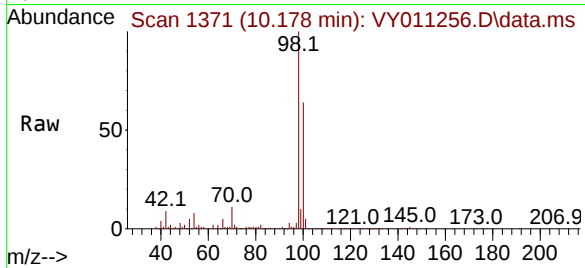




#50
Toluene-d8
Concen: 55.856 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011256.D
Acq: 02 Nov 2022 12:48

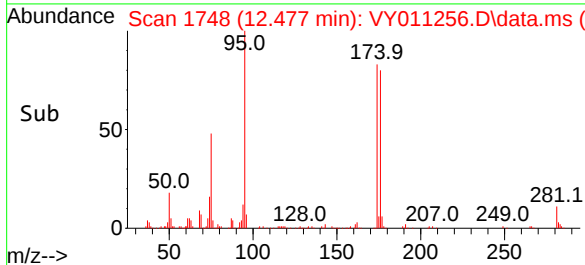
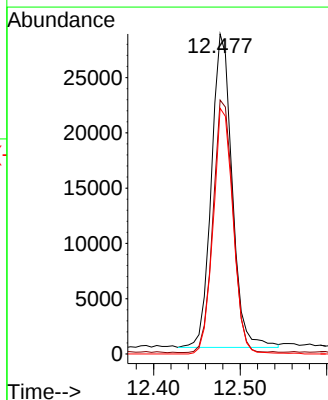
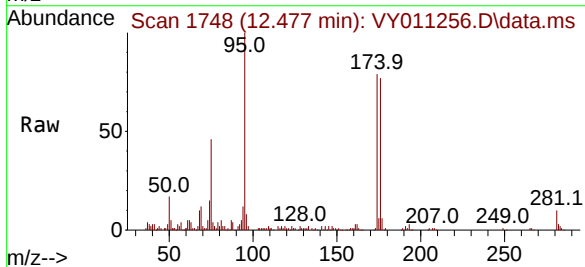
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

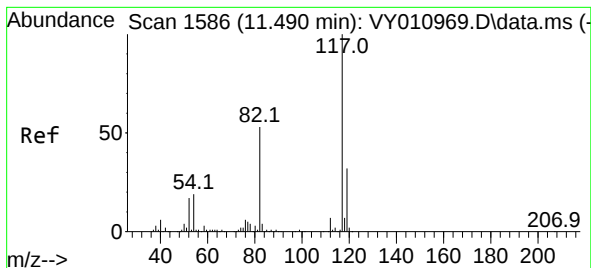
Tgt Ion: 98 Resp: 91584
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 82.894 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011256.D
Acq: 02 Nov 2022 12:48

Tgt Ion: 95 Resp: 47185
Ion Ratio Lower Upper
95 100
174 77.8 0.0 177.0
176 75.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011256.D

Acq: 02 Nov 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-14.5-15.0

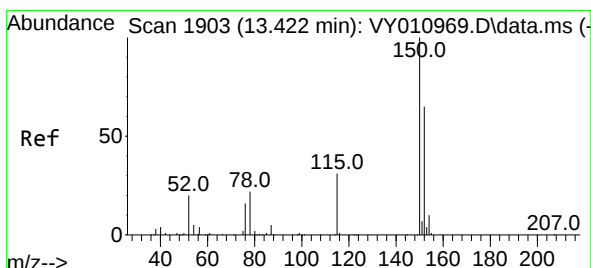
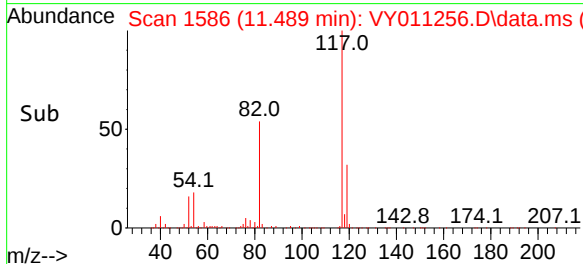
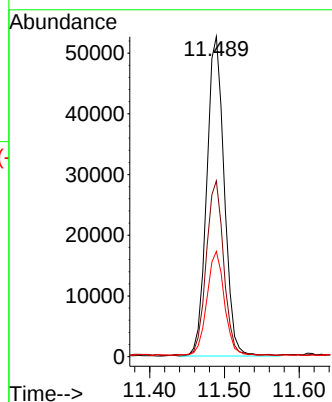
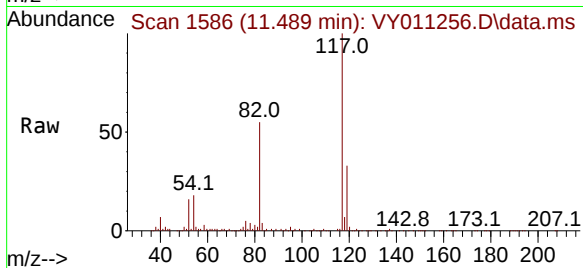
Tgt Ion:117 Resp: 85509

Ion Ratio Lower Upper

117 100

82 54.5 43.0 64.4

119 32.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY011256.D

Acq: 02 Nov 2022 12:48

Tgt Ion:152 Resp: 43978

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 151.6 0.0 347.6

