

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011421.D
 Acq On : 11 Nov 2022 16:10
 Operator : KP/MD
 Sample : N5530-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13

Quant Time: Nov 11 16:23:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

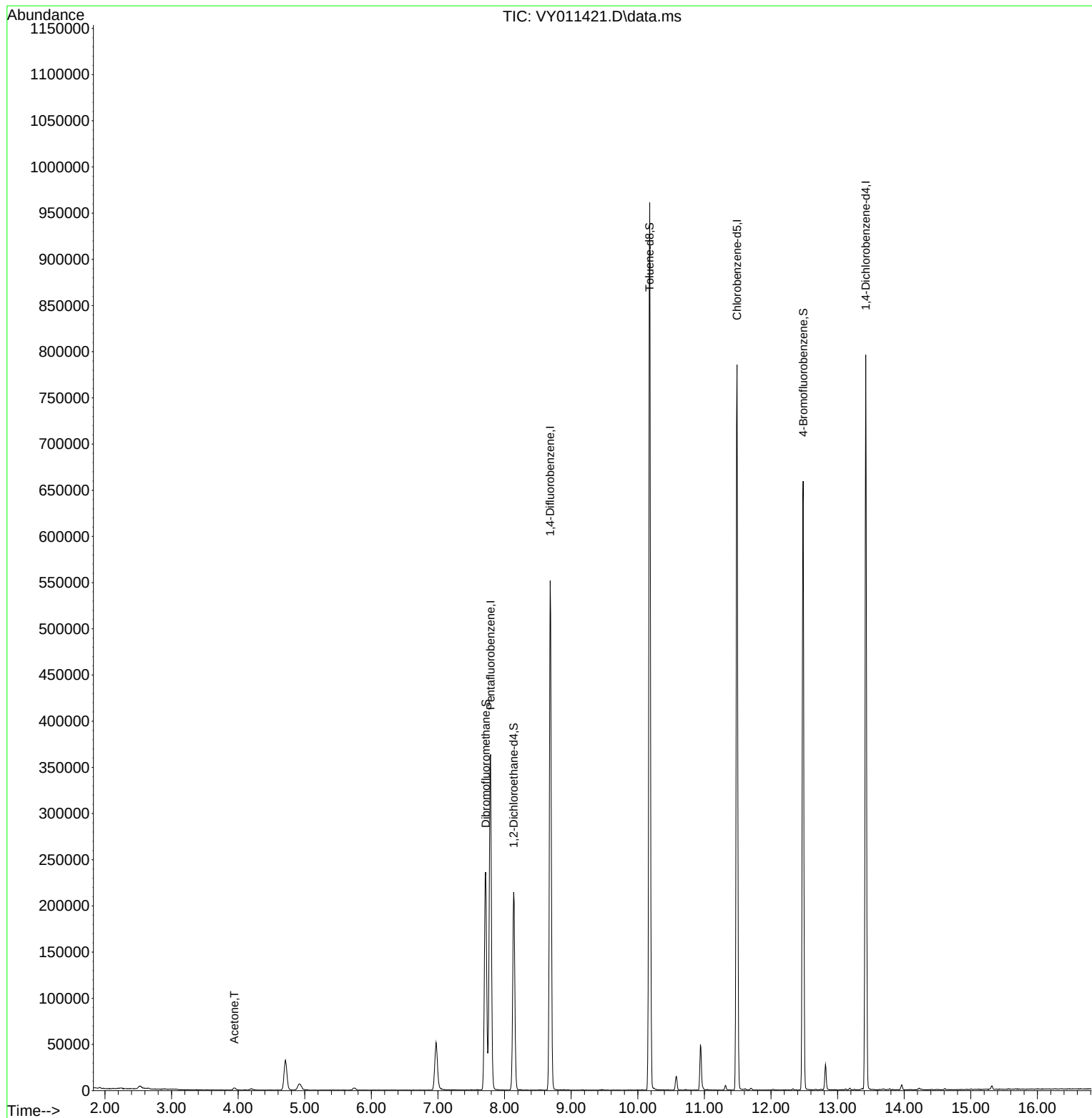
Internal Standards						
1) Pentafluorobenzene	7.789	168	296741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	499341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	453869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	165930	66.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.460%	
35) Dibromofluoromethane	7.716	113	172354	61.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.180%	
50) Toluene-d8	10.179	98	650472	60.844	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.680%	
62) 4-Bromofluorobenzene	12.483	95	211466	56.711	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.420%	
Target Compounds						
16) Acetone	3.942	43	4369	6.658	ug/l	Qvalue # 86

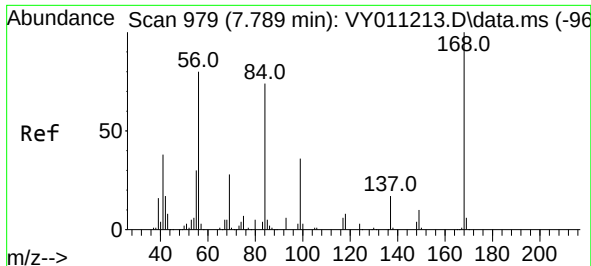
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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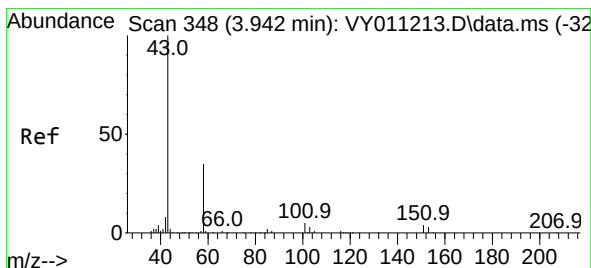
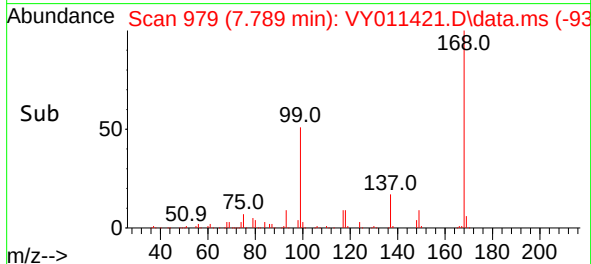
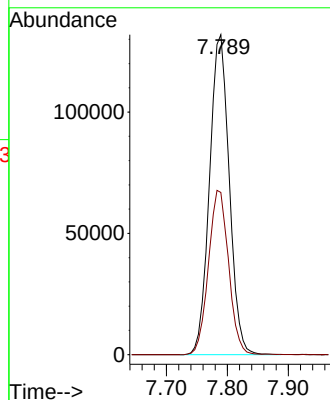
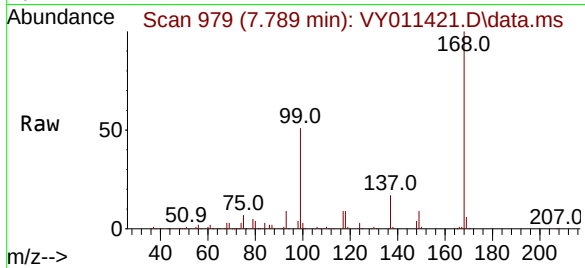




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011421.D
Acq: 11 Nov 2022 16:10

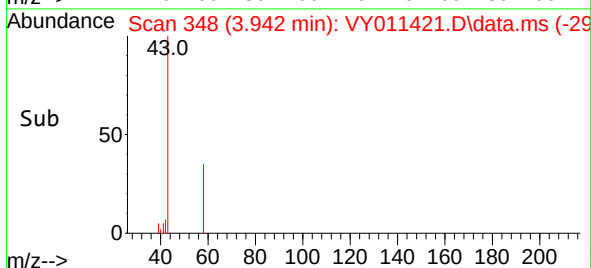
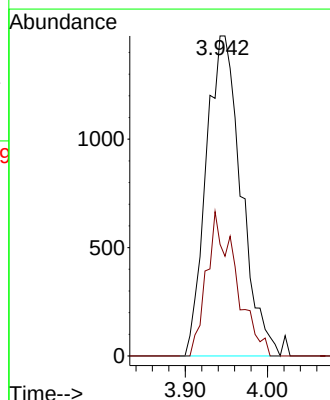
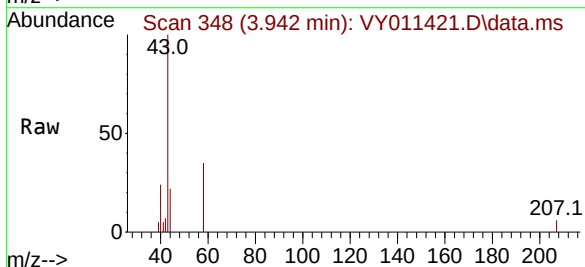
Instrument :
MSVOA_Y
ClientSampleId :
SB-13

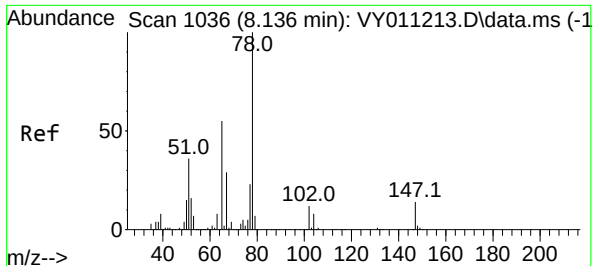
Tgt Ion:168 Resp: 296741
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#16
Acetone
Concen: 6.658 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011421.D
Acq: 11 Nov 2022 16:10

Tgt Ion: 43 Resp: 4369
Ion Ratio Lower Upper
43 100
58 34.9 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 66.730 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY011421.D

Acq: 11 Nov 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

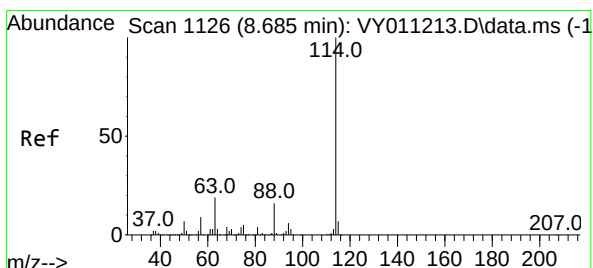
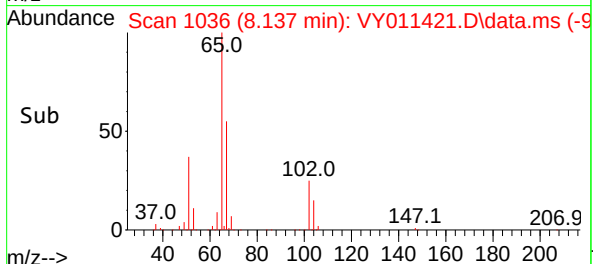
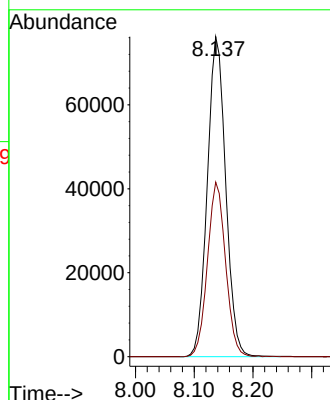
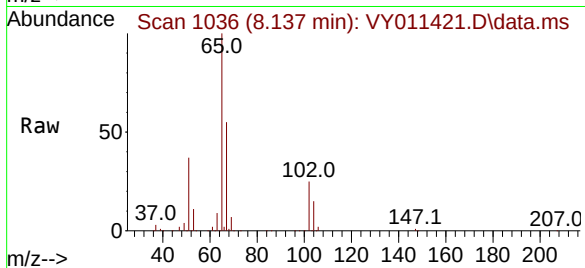
SB-13

Tgt Ion: 65 Resp: 165930

Ion Ratio Lower Upper

65 100

67 53.7 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: VY011421.D

Acq: 11 Nov 2022 16:10

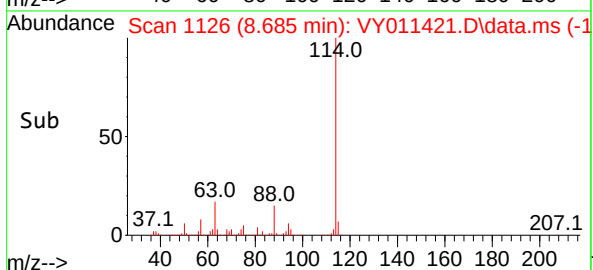
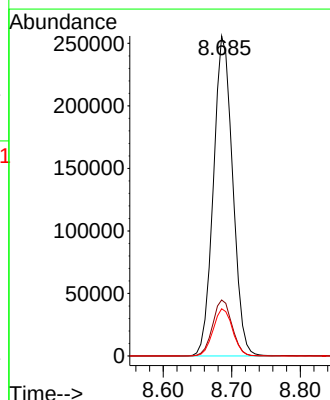
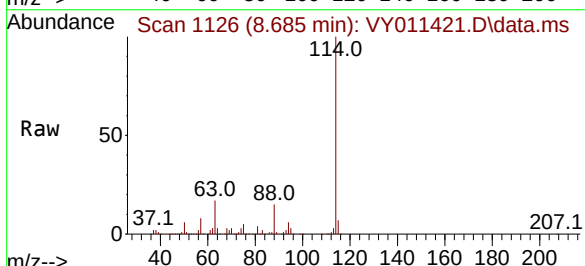
Tgt Ion: 114 Resp: 499341

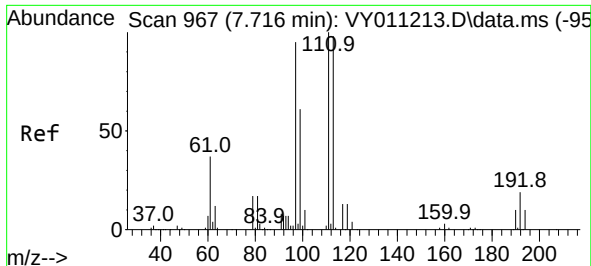
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.8 0.0 31.8

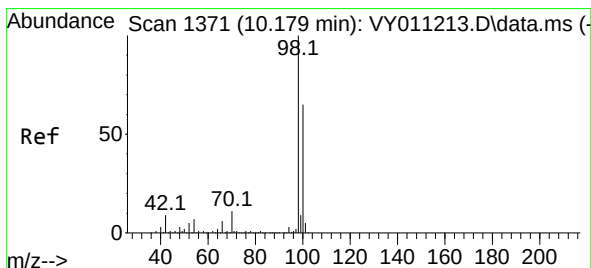
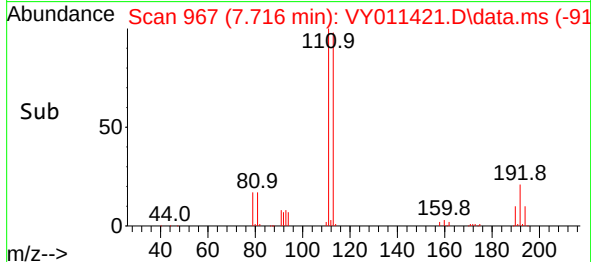
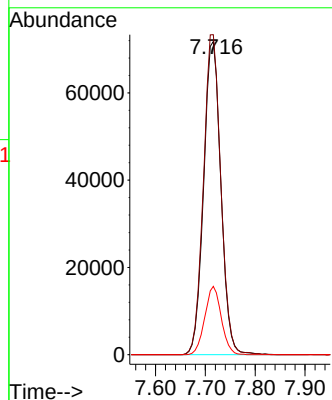
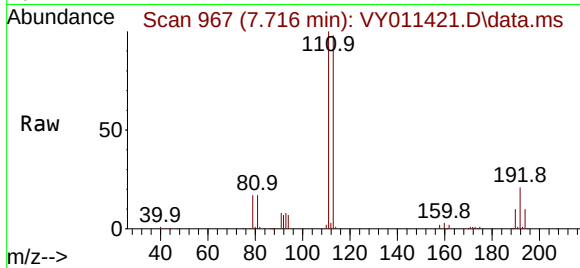




#35
Dibromofluoromethane
Concen: 61.590 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011421.D
Acq: 11 Nov 2022 16:10

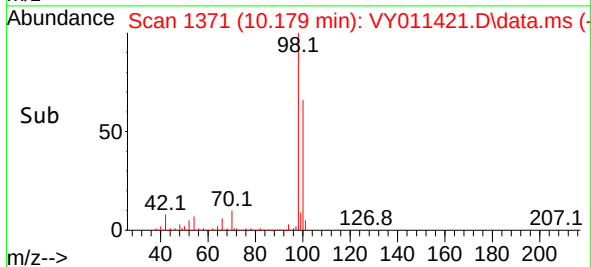
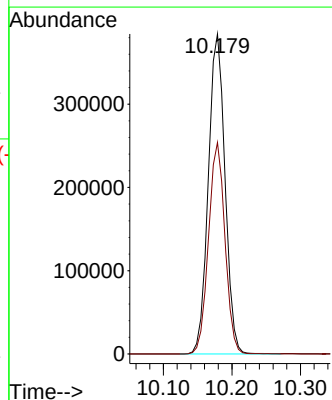
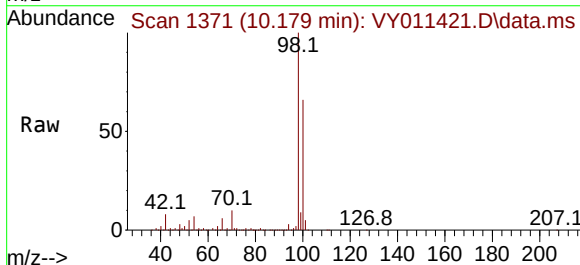
Instrument :
MSVOA_Y
ClientSampleId :
SB-13

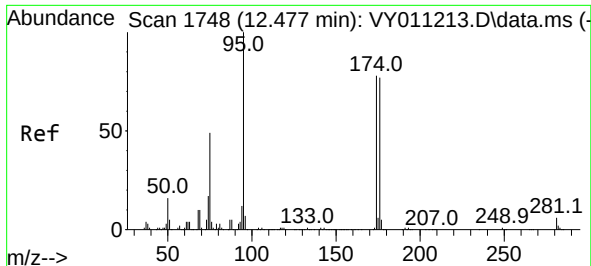
Tgt Ion:113 Resp: 172354
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.9 17.6 26.4



#50
Toluene-d8
Concen: 60.844 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011421.D
Acq: 11 Nov 2022 16:10

Tgt Ion: 98 Resp: 650472
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 56.711 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011421.D

Acq: 11 Nov 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-13

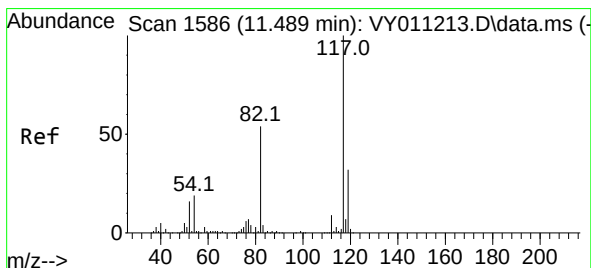
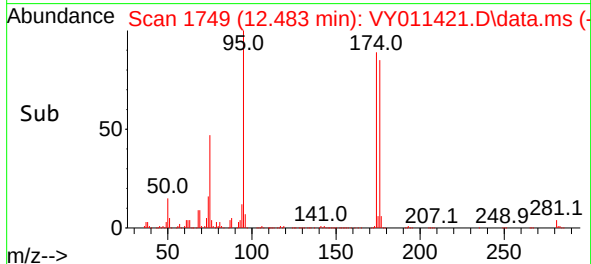
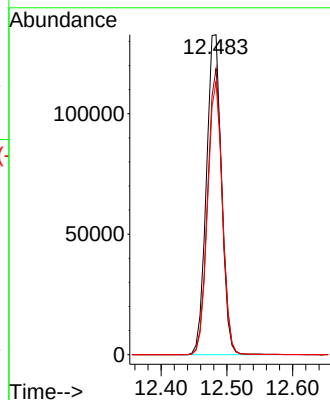
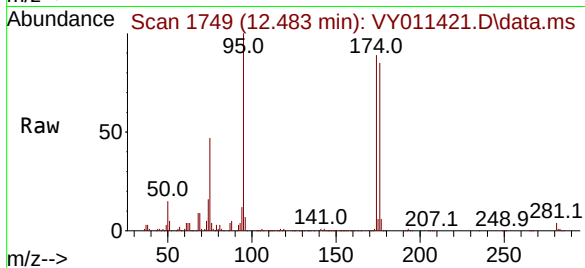
Tgt Ion: 95 Resp: 211466

Ion Ratio Lower Upper

95 100

174 87.3 0.0 177.0

176 83.5 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY011421.D

Acq: 11 Nov 2022 16:10

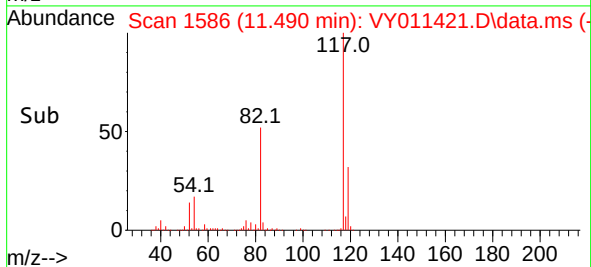
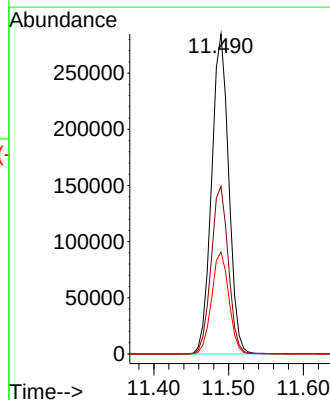
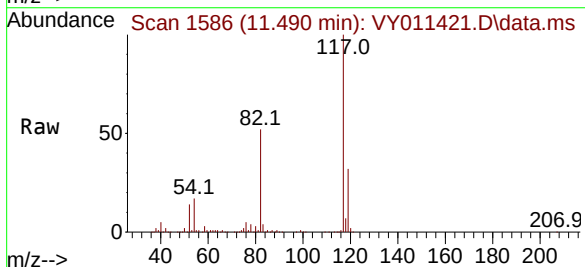
Tgt Ion: 117 Resp: 453869

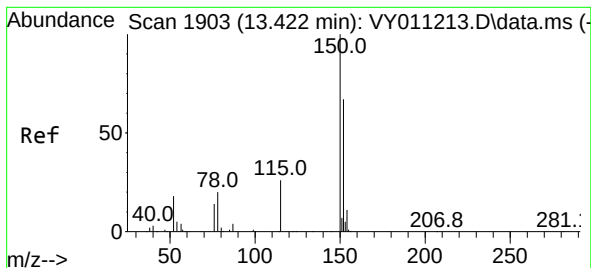
Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 31.9 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: VY011421.D

Acq: 11 Nov 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-13

Tgt Ion:152 Resp: 212268

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 156.0 0.0 347.6

