

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008946.D
 Acq On : 21 May 2022 13:53
 Operator : KP/MD
 Sample : N2919-11
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-1218-01

Quant Time: May 21 21:29:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

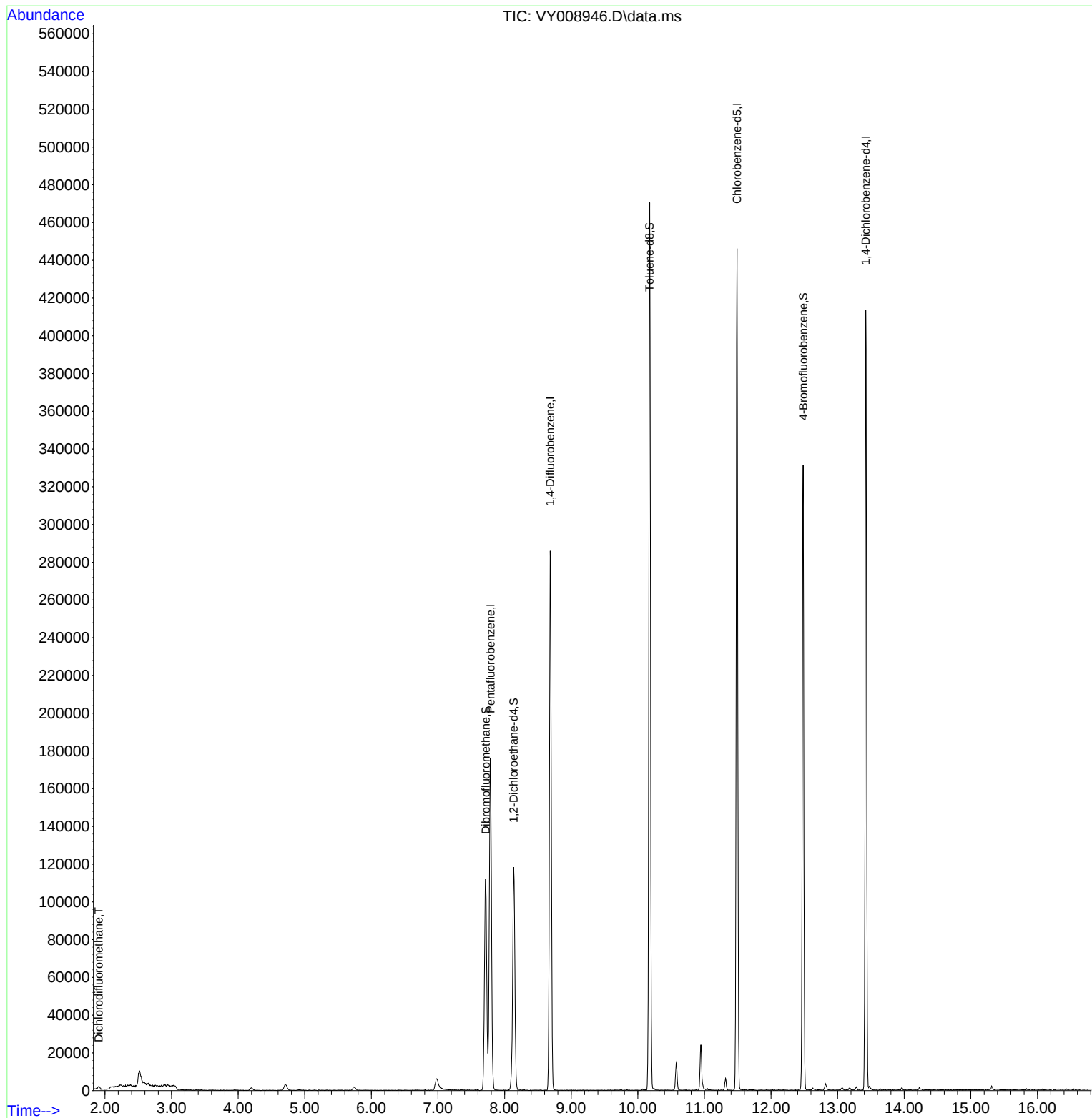
Internal Standards						
1) Pentafluorobenzene	7.789	168	134153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	240226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85128	61.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.320%	
35) Dibromofluoromethane	7.716	113	75996	50.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.740%	
50) Toluene-d8	10.179	98	304663	55.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.560%	
62) 4-Bromofluorobenzene	12.483	95	88018	39.593	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	1281	1.044	ug/l	98

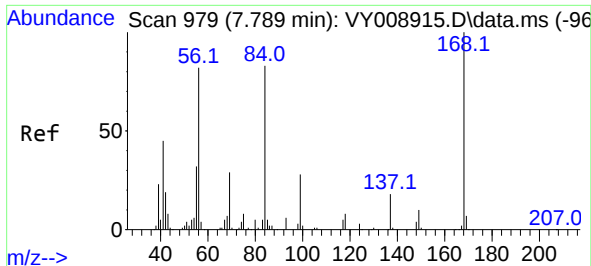
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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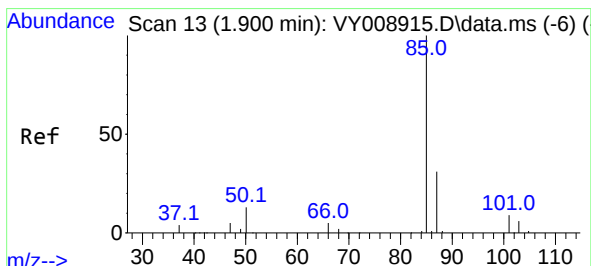
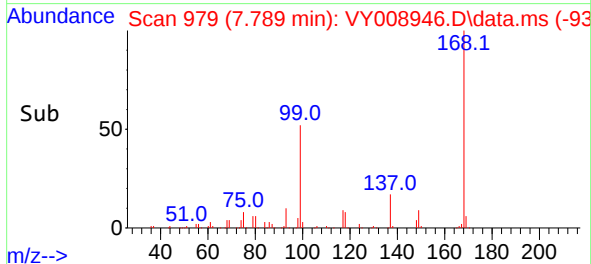
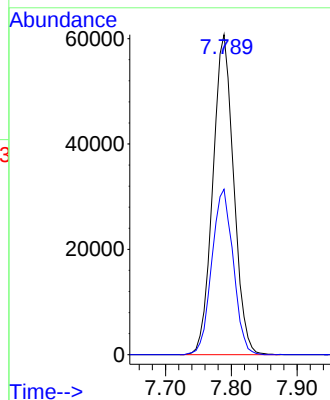
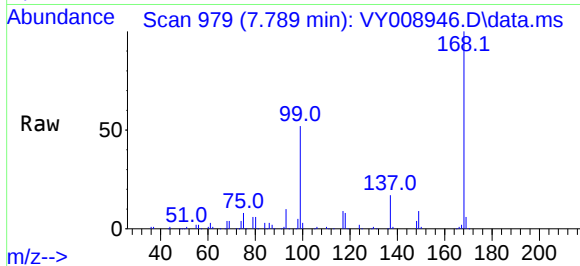




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

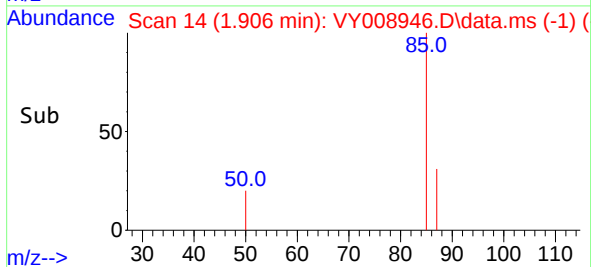
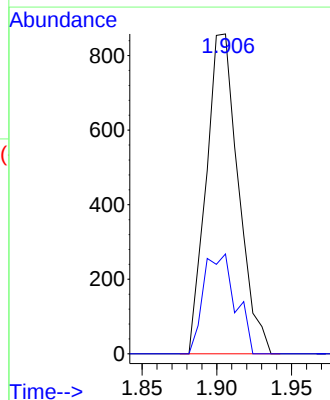
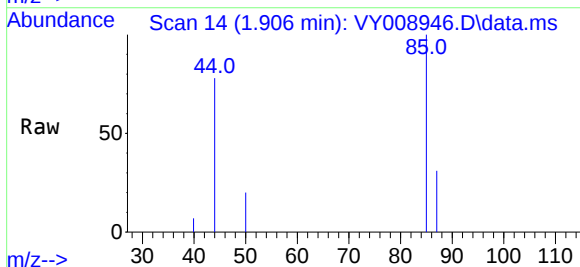
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1218-01

Tgt Ion:168 Resp: 134153
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.044 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

Tgt Ion: 85 Resp: 1281
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 61.657 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY008946.D

Acq: 21 May 2022 13:53

Instrument :

MSVOA_Y

ClientSampleId :

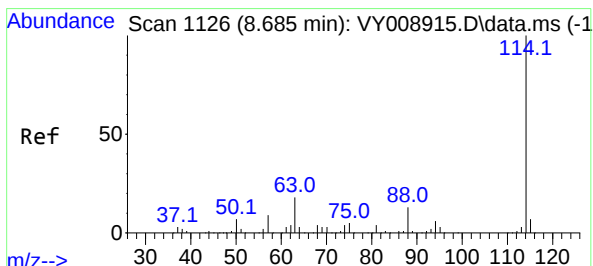
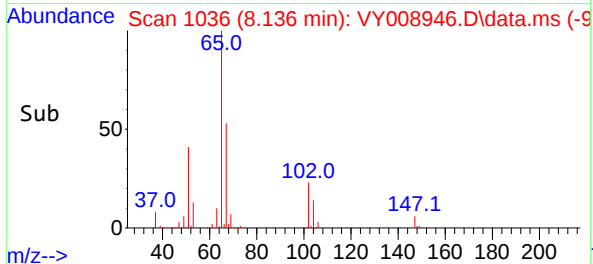
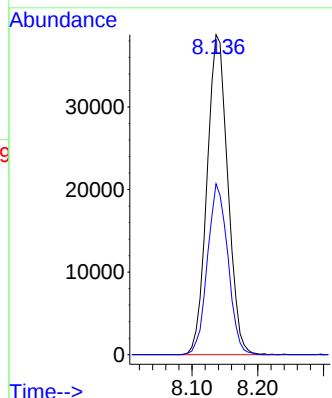
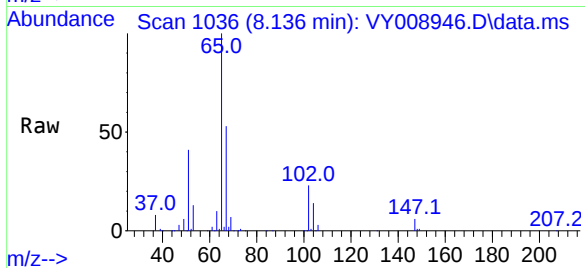
P013-SS002-1218-01

Tgt Ion: 65 Resp: 85128

Ion Ratio Lower Upper

65 100

67 52.6 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: VY008946.D

Acq: 21 May 2022 13:53

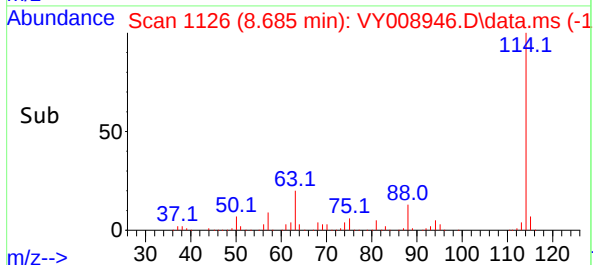
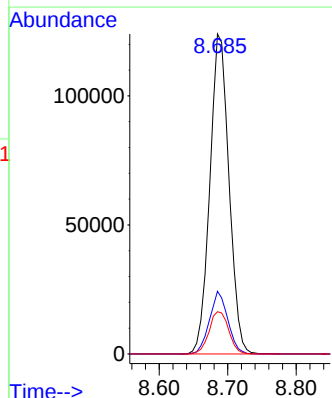
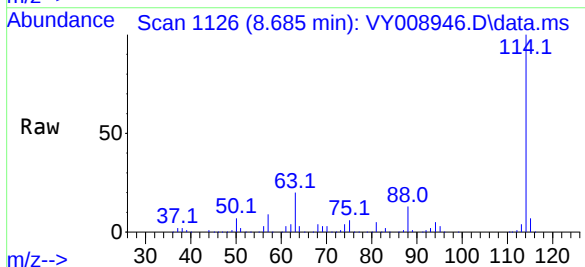
Tgt Ion: 114 Resp: 240226

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 13.2 0.0 31.8

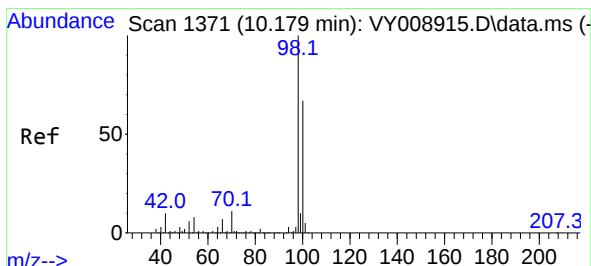
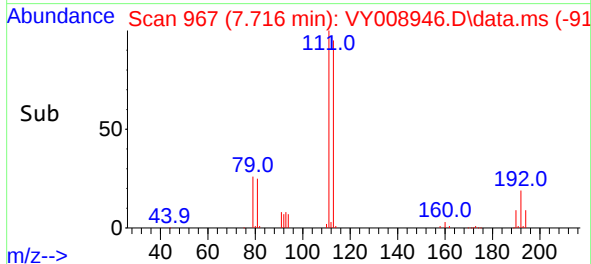
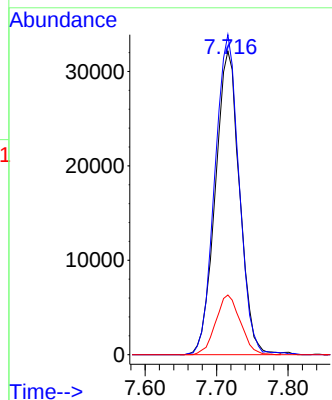
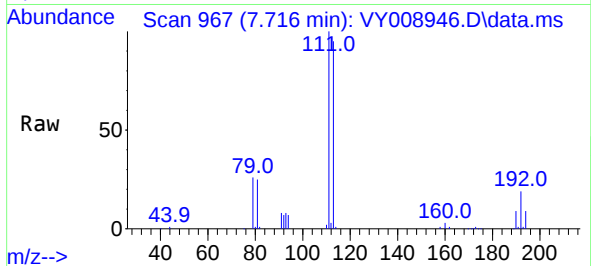




#35
Dibromofluoromethane
Concen: 50.873 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

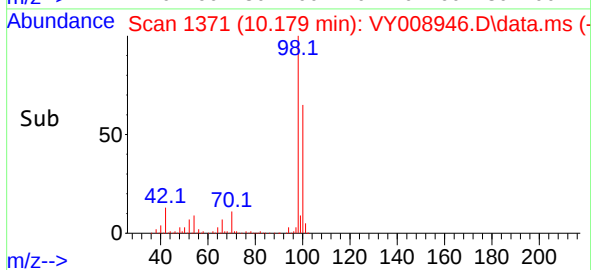
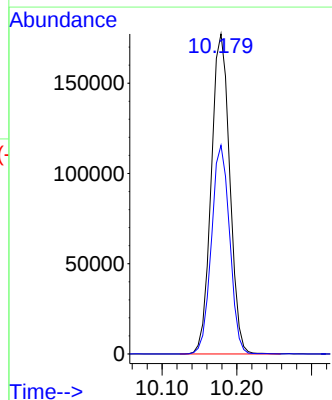
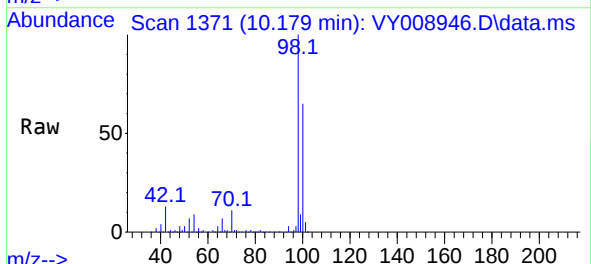
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1218-01

Tgt Ion:113 Resp: 75996
Ion Ratio Lower Upper
113 100
111 105.0 82.6 124.0
192 19.9 17.6 26.4



#50
Toluene-d8
Concen: 55.283 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

Tgt Ion: 98 Resp: 304663
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

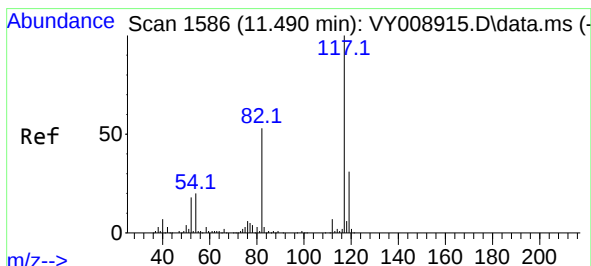
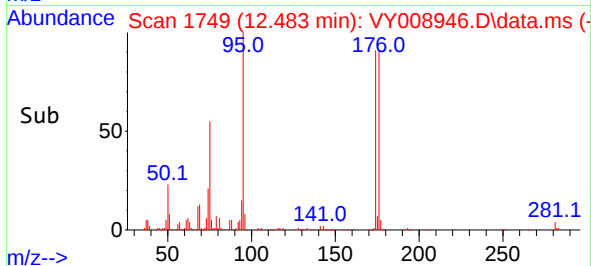
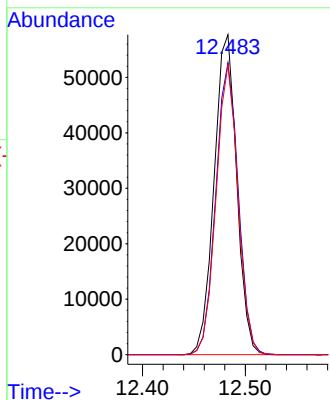
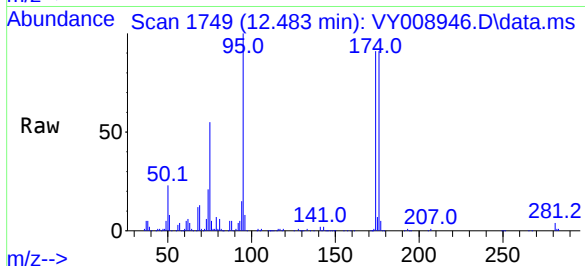




#62
4-Bromofluorobenzene
Concen: 39.593 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

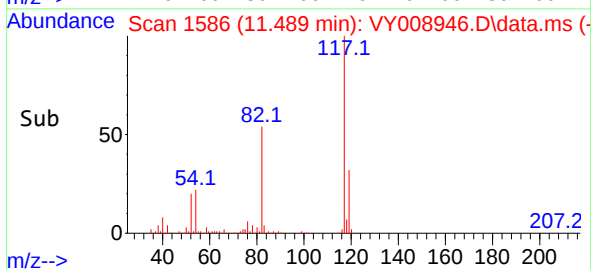
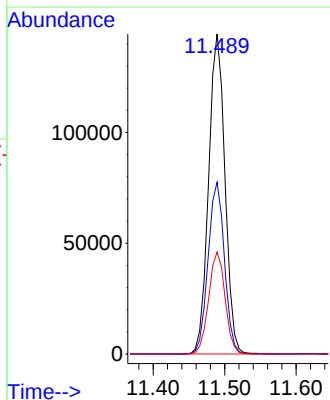
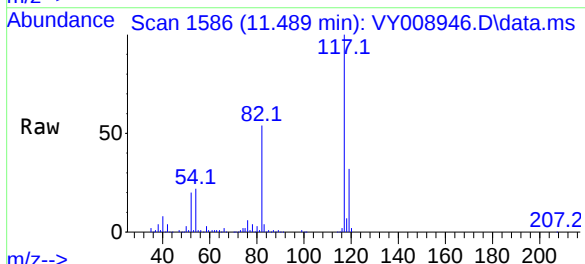
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS002-1218-01

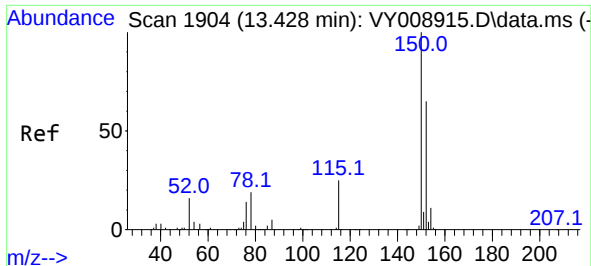
Tgt Ion:	95	Resp:	88018
Ion Ratio	Lower	Upper	
95	100		
174	90.7	0.0	177.0
176	88.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008946.D
Acq: 21 May 2022 13:53

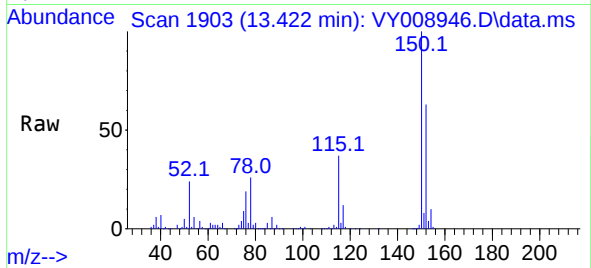
Tgt Ion:	117	Resp:	229049
Ion Ratio	Lower	Upper	
117	100		
82	53.7	43.0	64.4
119	31.8	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY008946.D
 Acq: 21 May 2022 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS002-1218-01



Tgt Ion:152 Resp: 97697
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.2 84.7
 150 159.0 0.0 347.6

