

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008949.D
 Acq On : 21 May 2022 15:03
 Operator : KP/MD
 Sample : N2919-14
 Misc : 4.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS003-0006-01

Quant Time: May 21 21:30:02 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)

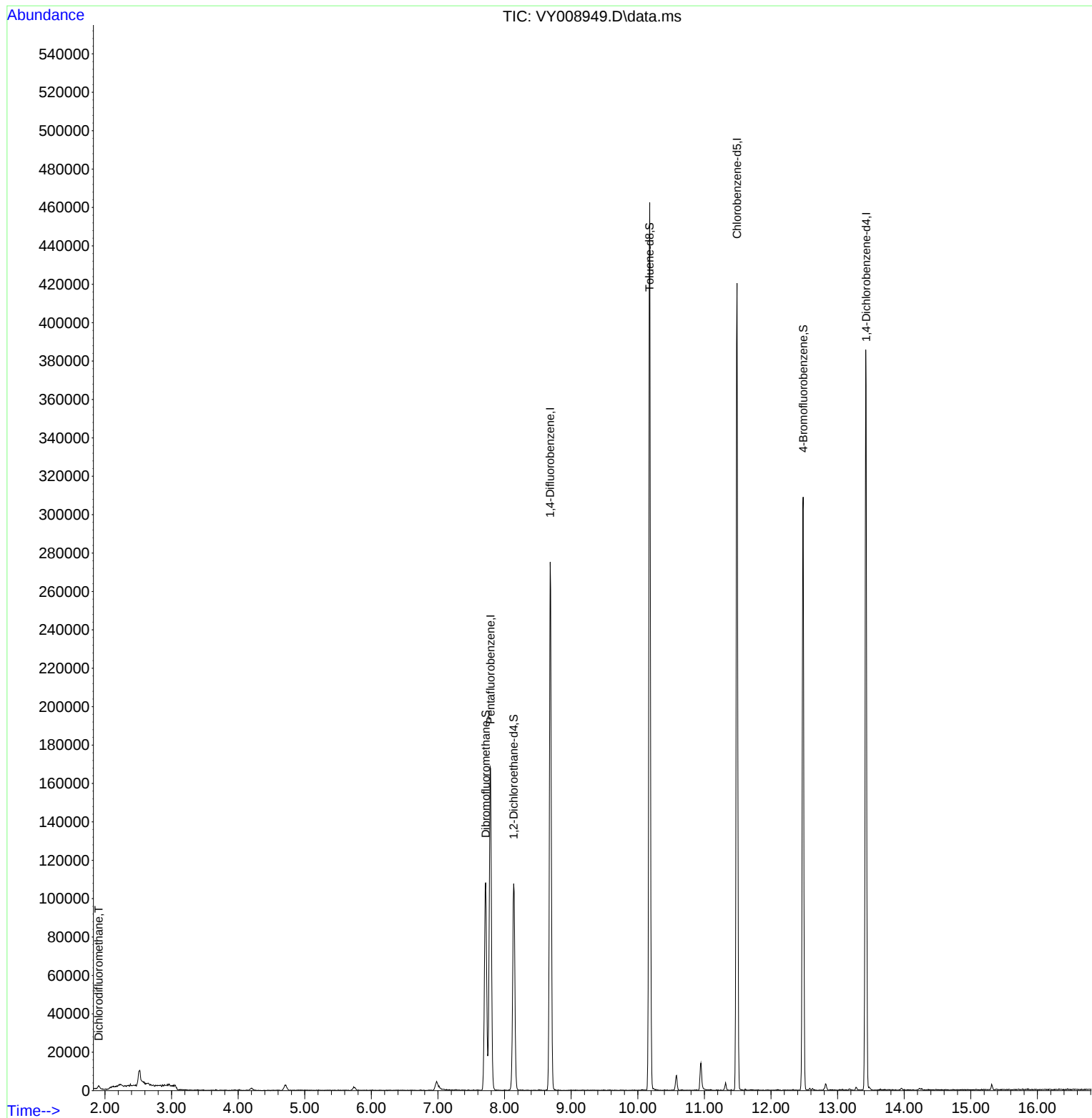
Internal Standards						
1) Pentafluorobenzene	7.789	168	129326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	232737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	219521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	81708	61.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.780%	
35) Dibromofluoromethane	7.716	113	73034	50.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.179	98	287963	53.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.860%	
62) 4-Bromofluorobenzene	12.483	95	82165	38.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	1324	1.119	ug/l	87

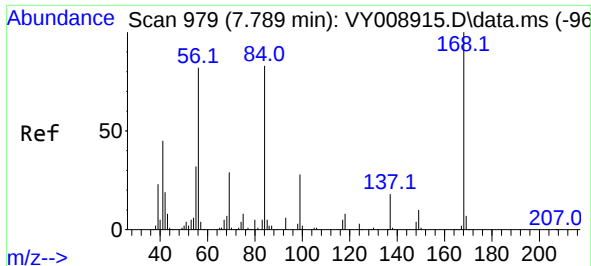
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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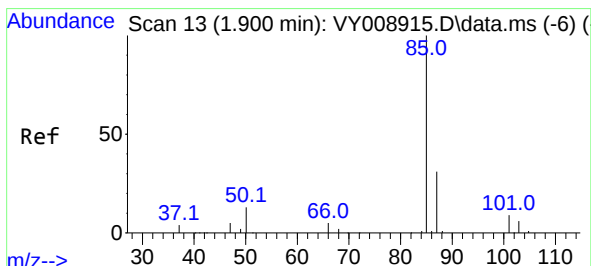
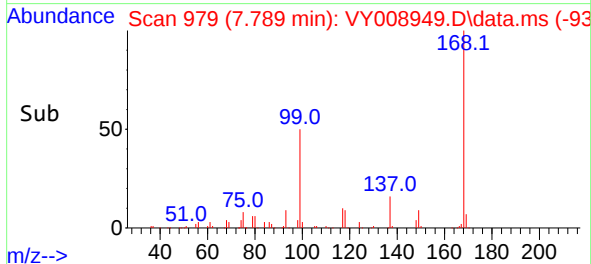
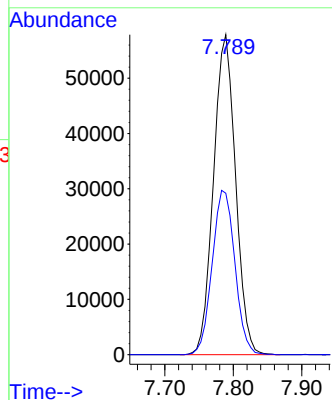
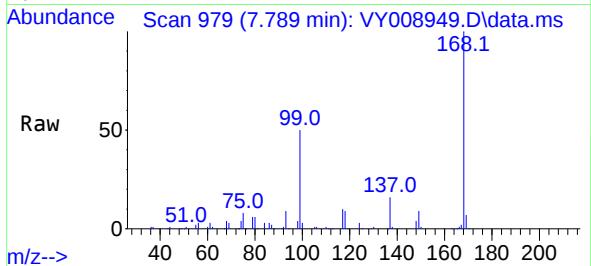




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

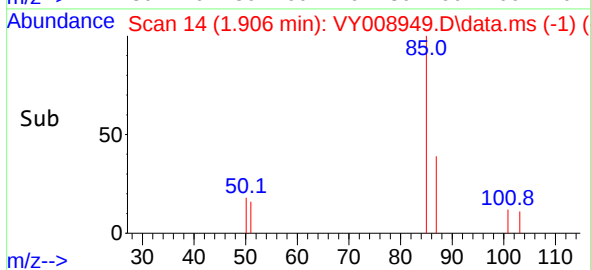
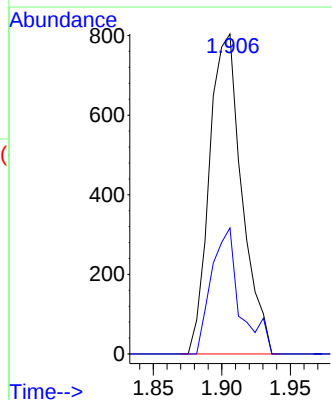
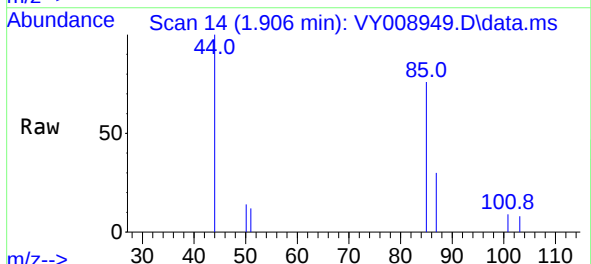
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS003-0006-01

Tgt Ion:168 Resp: 129326
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.119 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

Tgt Ion: 85 Resp: 1324
Ion Ratio Lower Upper
85 100
87 39.4 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 61.388 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY008949.D

Acq: 21 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

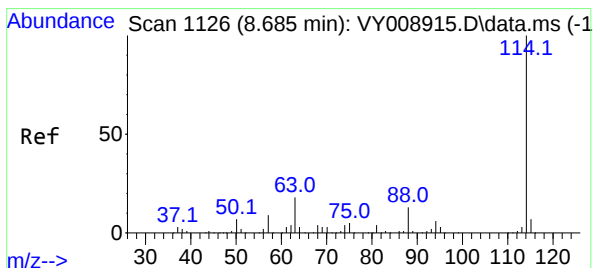
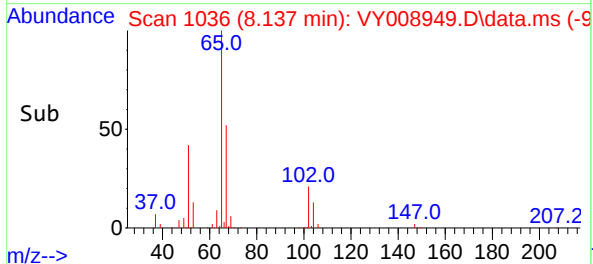
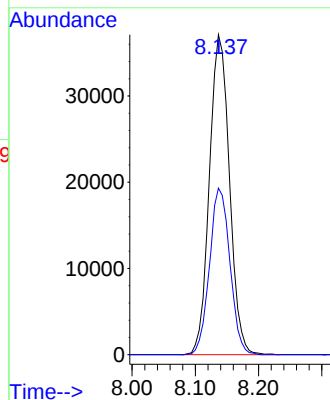
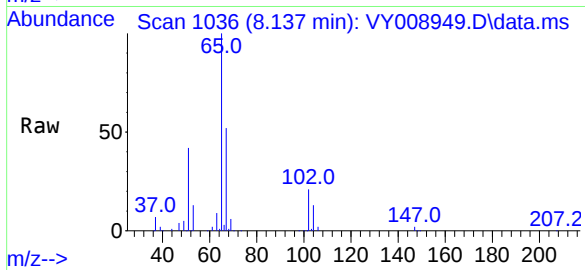
P013-SS003-0006-01

Tgt Ion: 65 Resp: 81708

Ion Ratio Lower Upper

65 100

67 52.9 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: VY008949.D

Acq: 21 May 2022 15:03

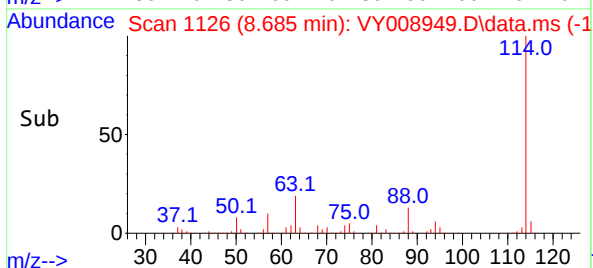
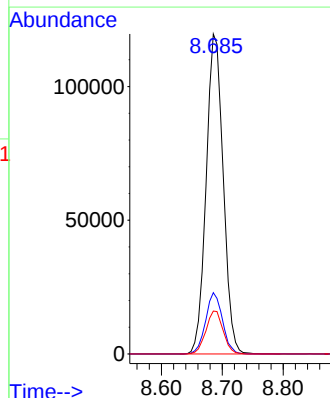
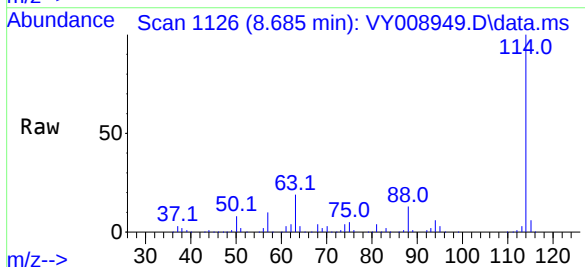
Tgt Ion: 114 Resp: 232737

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.4 0.0 31.8

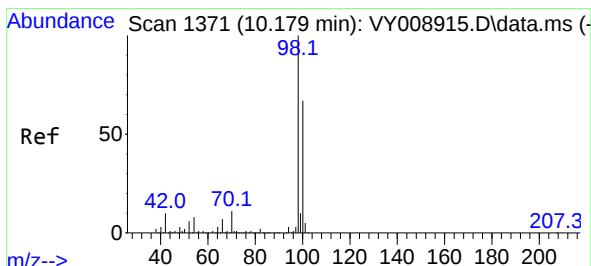
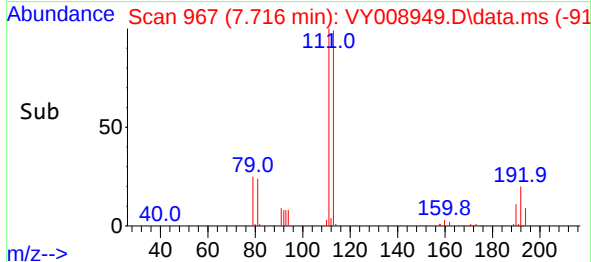
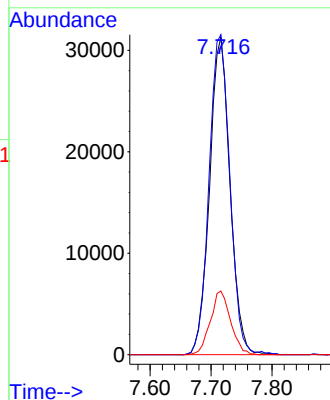
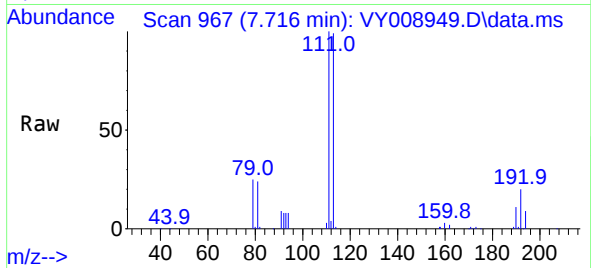




#35
Dibromofluoromethane
Concen: 50.464 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

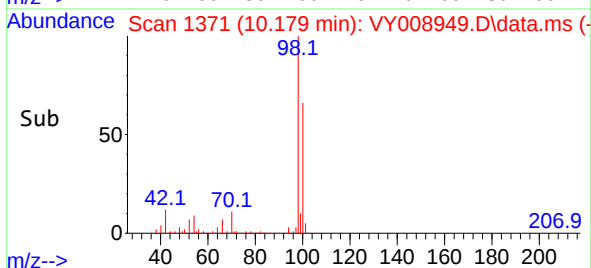
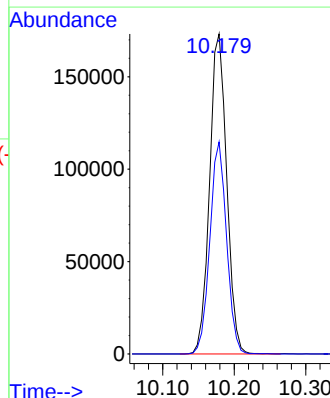
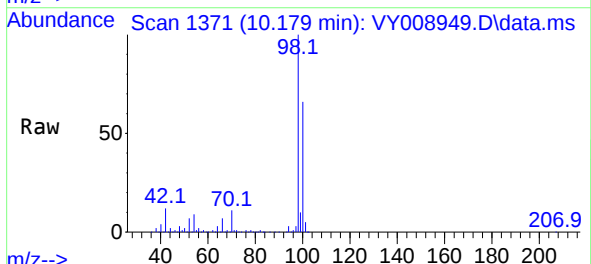
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS003-0006-01

Tgt Ion:113 Resp: 73034
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.8 17.6 26.4



#50
Toluene-d8
Concen: 53.934 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

Tgt Ion: 98 Resp: 287963
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

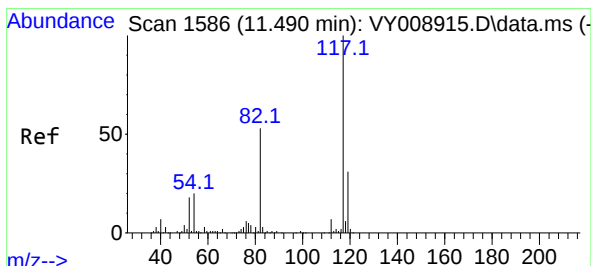
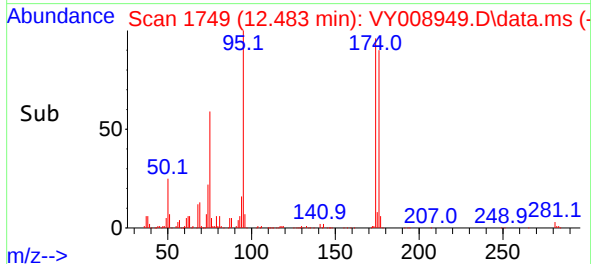
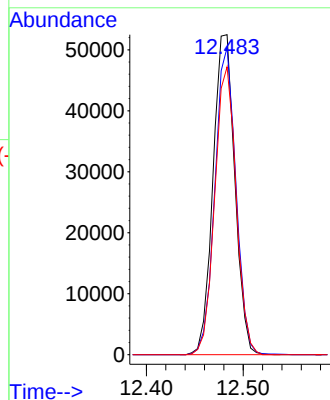
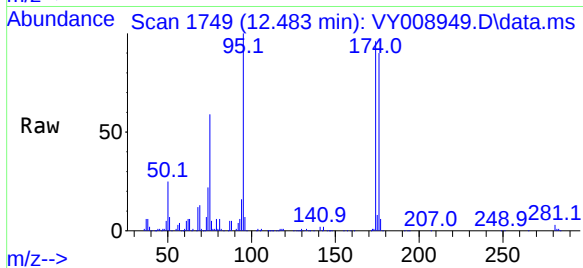




#62
4-Bromofluorobenzene
Concen: 38.150 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

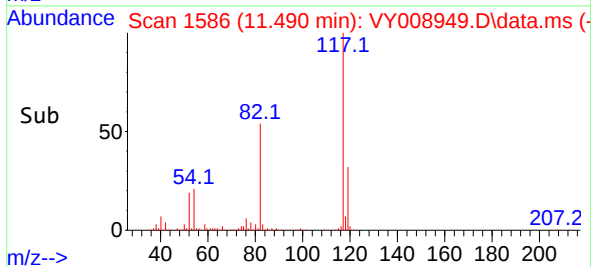
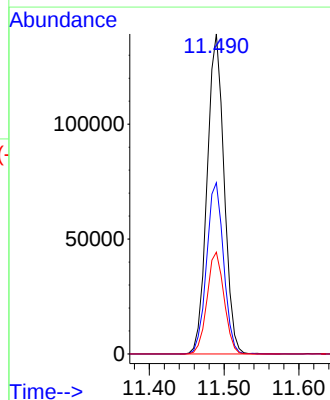
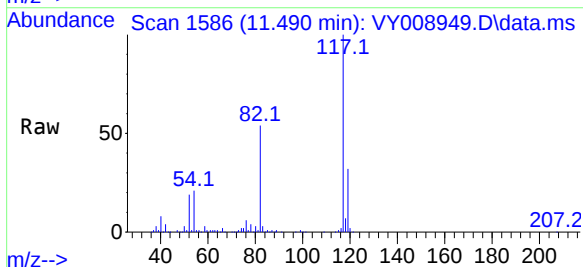
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS003-0006-01

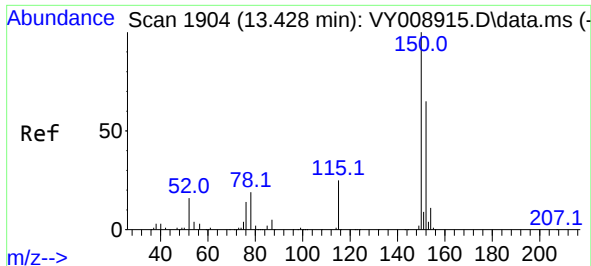
Tgt Ion:	95	Resp:	82165
Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	177.0
176	88.1	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

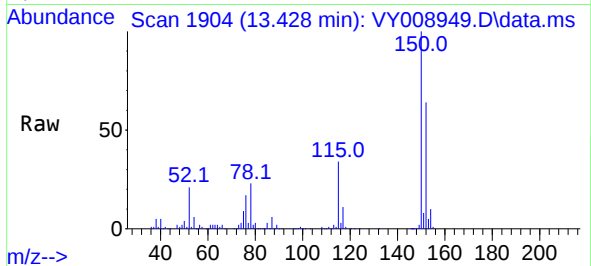
Tgt Ion:	117	Resp:	219521
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.0	64.4
119	31.8	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008949.D
 Acq: 21 May 2022 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS003-0006-01



Tgt Ion:152 Resp: 94068

Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.2	84.7
150	157.8	0.0	347.6

