

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008958.D
 Acq On : 21 May 2022 18:34
 Operator : KP/MD
 Sample : N2888-06
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P042-SS001-0612-01

Quant Time: May 21 21:31:55 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)

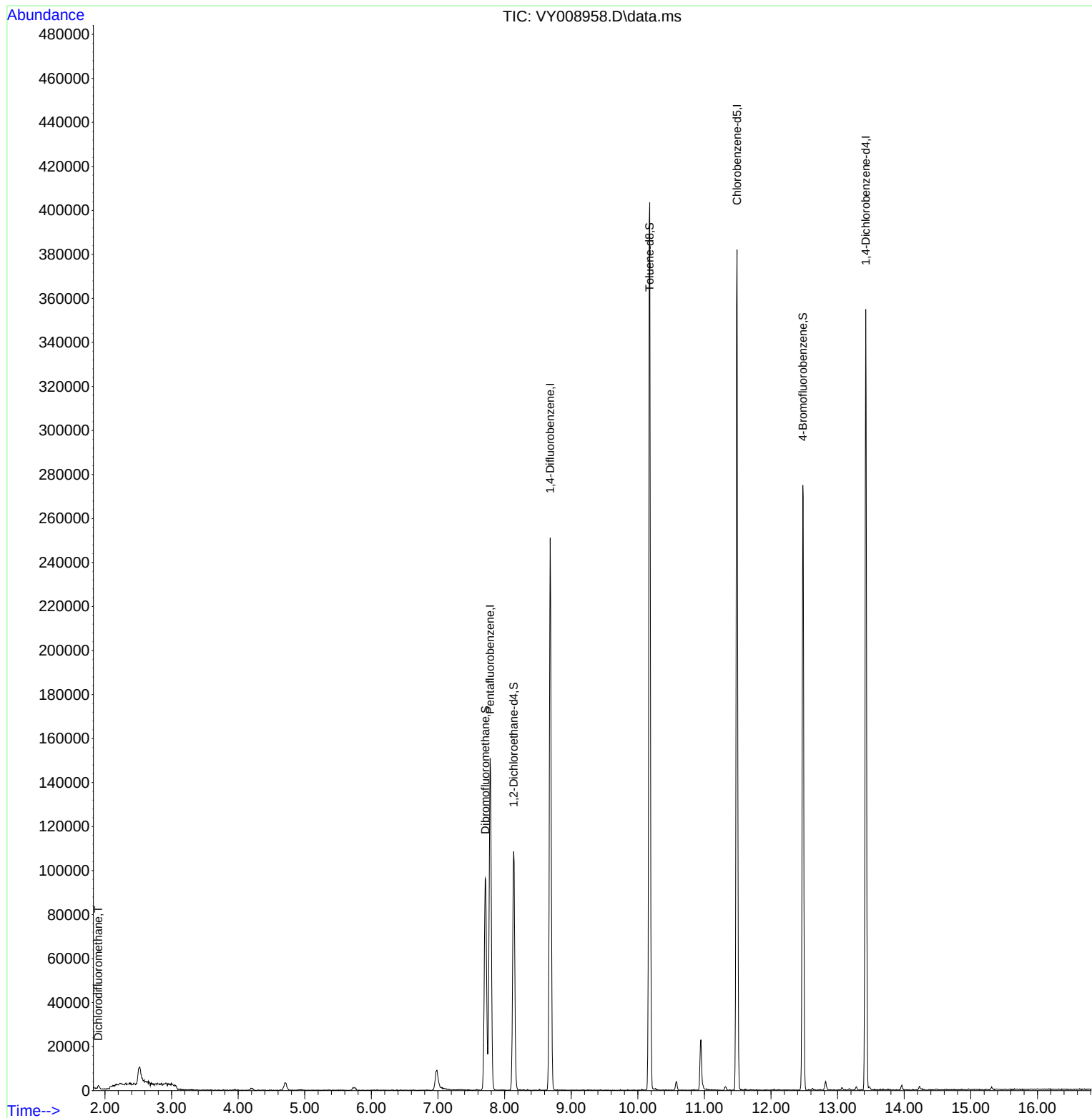
Internal Standards						
1) Pentafluorobenzene	7.783	168	115596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79921	67.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.360%	
35) Dibromofluoromethane	7.710	113	66186	51.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.020%	
50) Toluene-d8	10.179	98	258522	54.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.060%	
62) 4-Bromofluorobenzene	12.477	95	73123	38.238	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	1304	1.233	ug/l	89

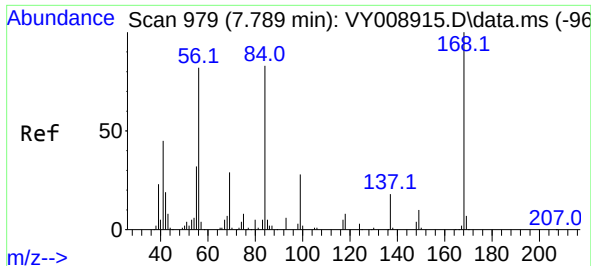
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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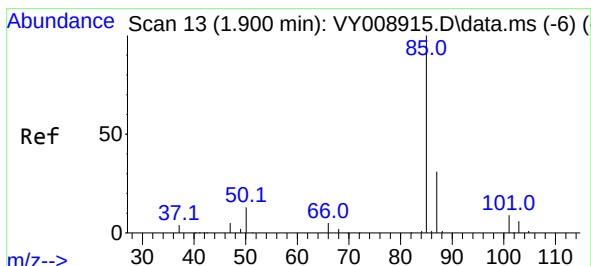
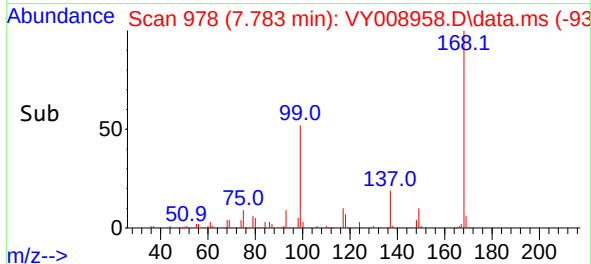
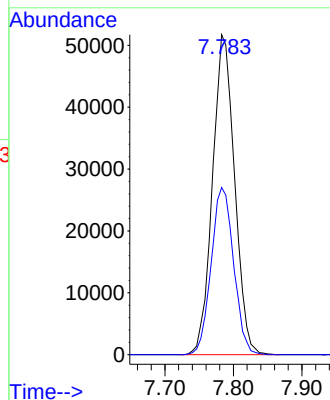
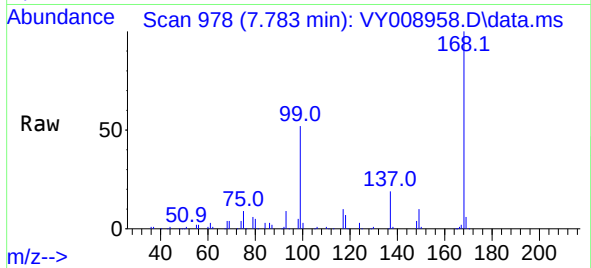




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

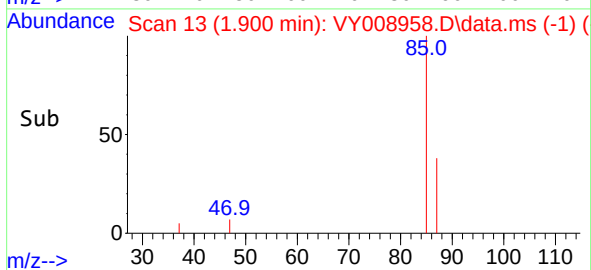
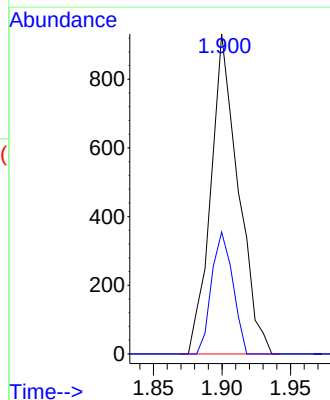
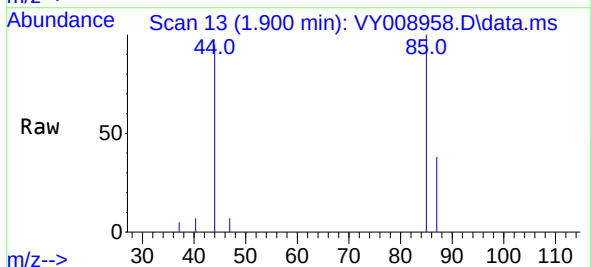
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0612-01

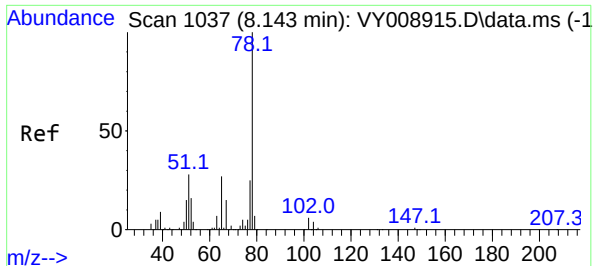
Tgt Ion:168 Resp: 115596
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.233 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

Tgt Ion: 85 Resp: 1304
Ion Ratio Lower Upper
85 100
87 38.1 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 67.178 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY008958.D

Acq: 21 May 2022 18:34

Instrument :

MSVOA_Y

ClientSampleId :

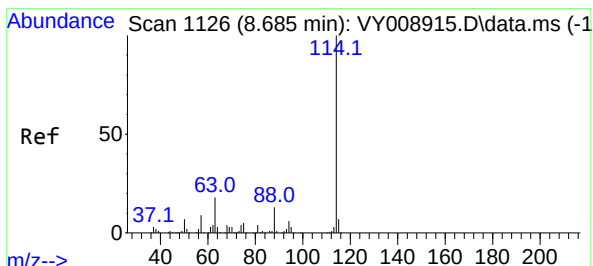
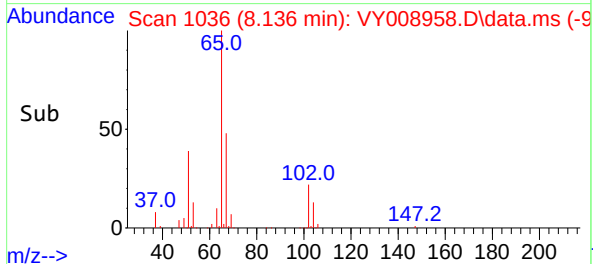
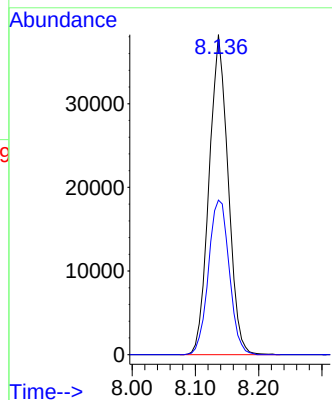
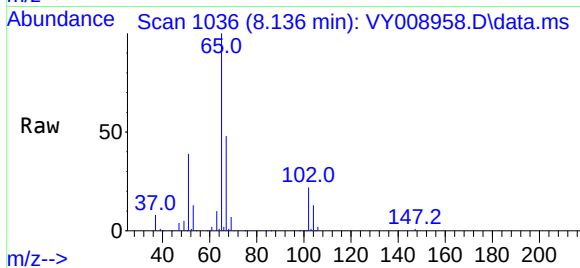
P042-SS001-0612-01

Tgt Ion: 65 Resp: 79921

Ion Ratio Lower Upper

65 100

67 52.7 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: VY008958.D

Acq: 21 May 2022 18:34

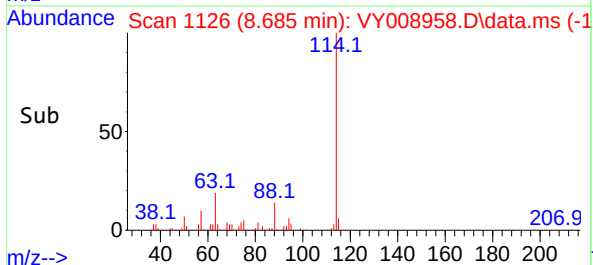
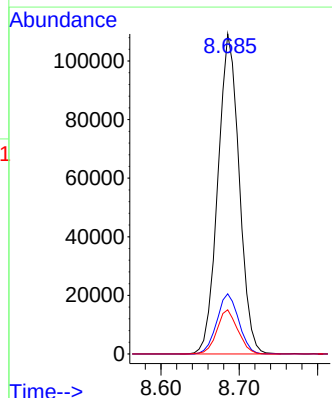
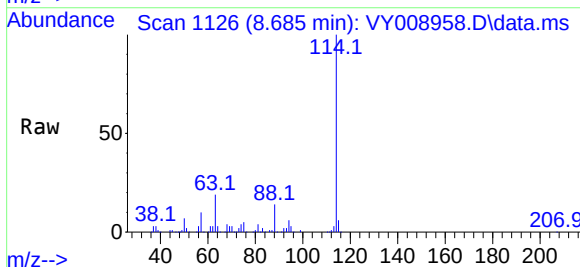
Tgt Ion: 114 Resp: 206647

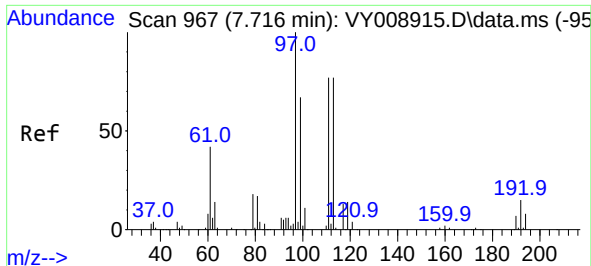
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 13.8 0.0 31.8

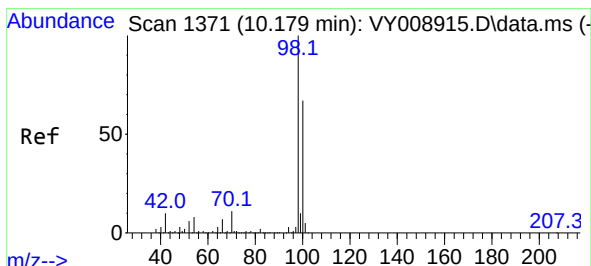
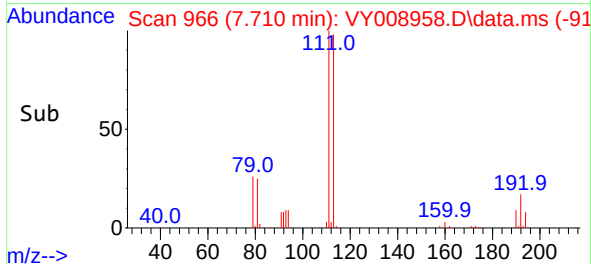
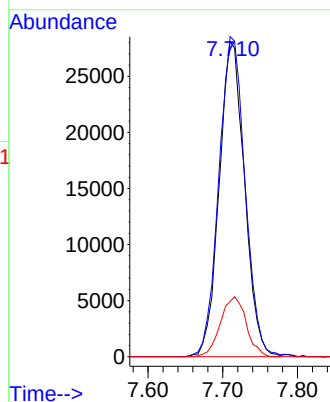
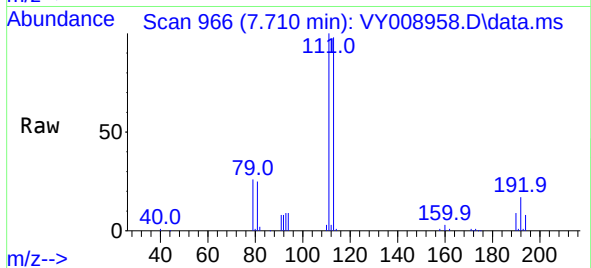




#35
Dibromofluoromethane
Concen: 51.506 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

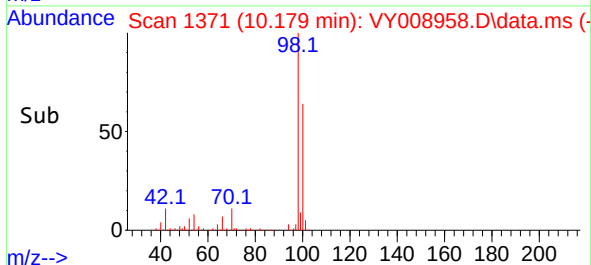
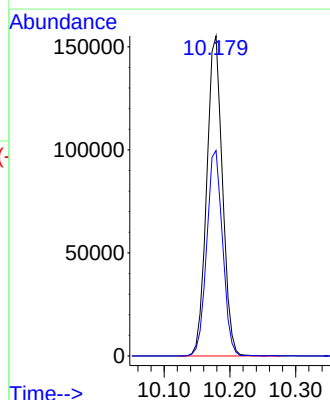
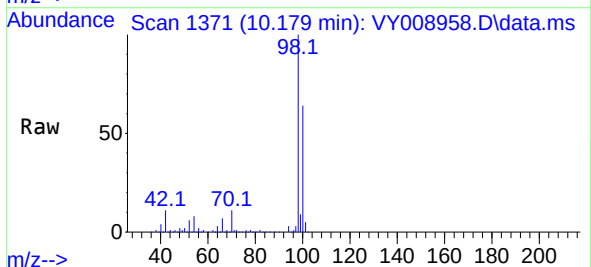
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0612-01

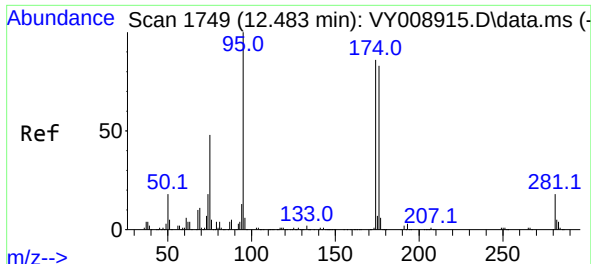
Tgt Ion:113 Resp: 66186
Ion Ratio Lower Upper
113 100
111 105.3 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 54.533 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

Tgt Ion: 98 Resp: 258522
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

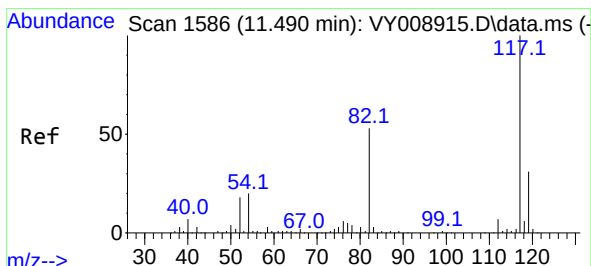
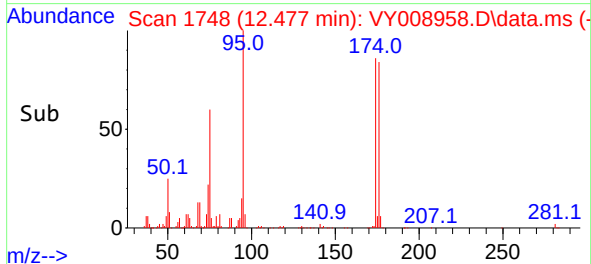
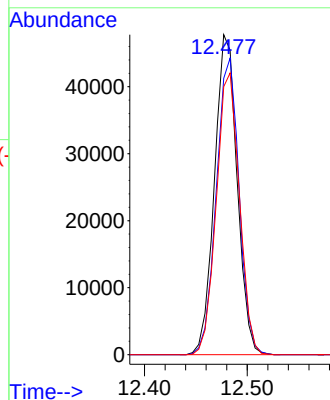
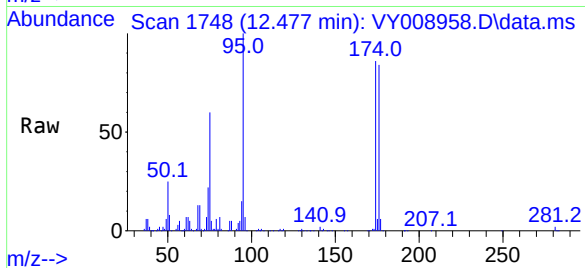




#62
4-Bromofluorobenzene
Concen: 38.238 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

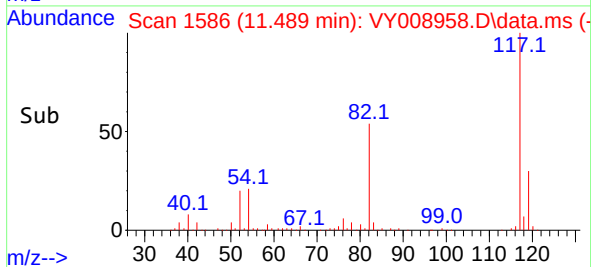
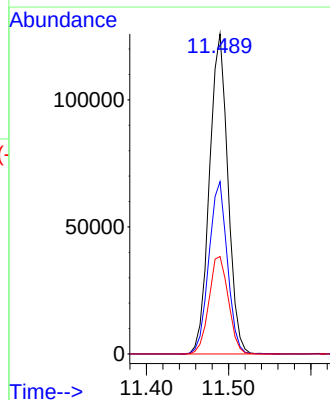
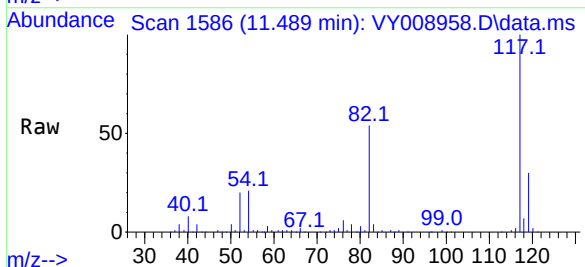
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0612-01

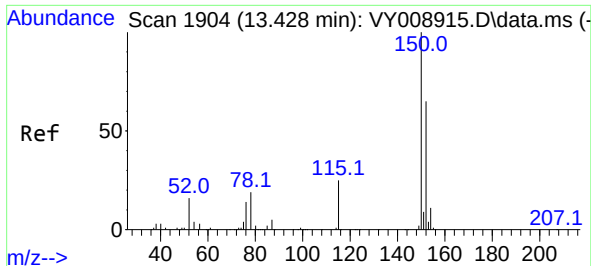
Tgt Ion: 95 Resp: 73123
Ion Ratio Lower Upper
95 100
174 93.0 0.0 177.0
176 89.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008958.D
Acq: 21 May 2022 18:34

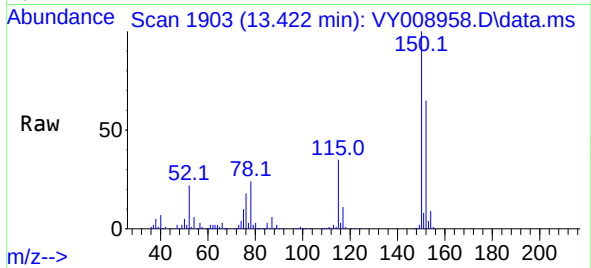
Tgt Ion: 117 Resp: 195860
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 30.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY008958.D
 Acq: 21 May 2022 18:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 P042-SS001-0612-01



Tgt Ion:152 Resp: 85896

Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.2	84.7
150	155.6	0.0	347.6

