

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009052.D
 Acq On : 24 May 2022 11:26
 Operator : KP/MD
 Sample : N2948-14
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-0612-01

Quant Time: May 25 02:50:12 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)

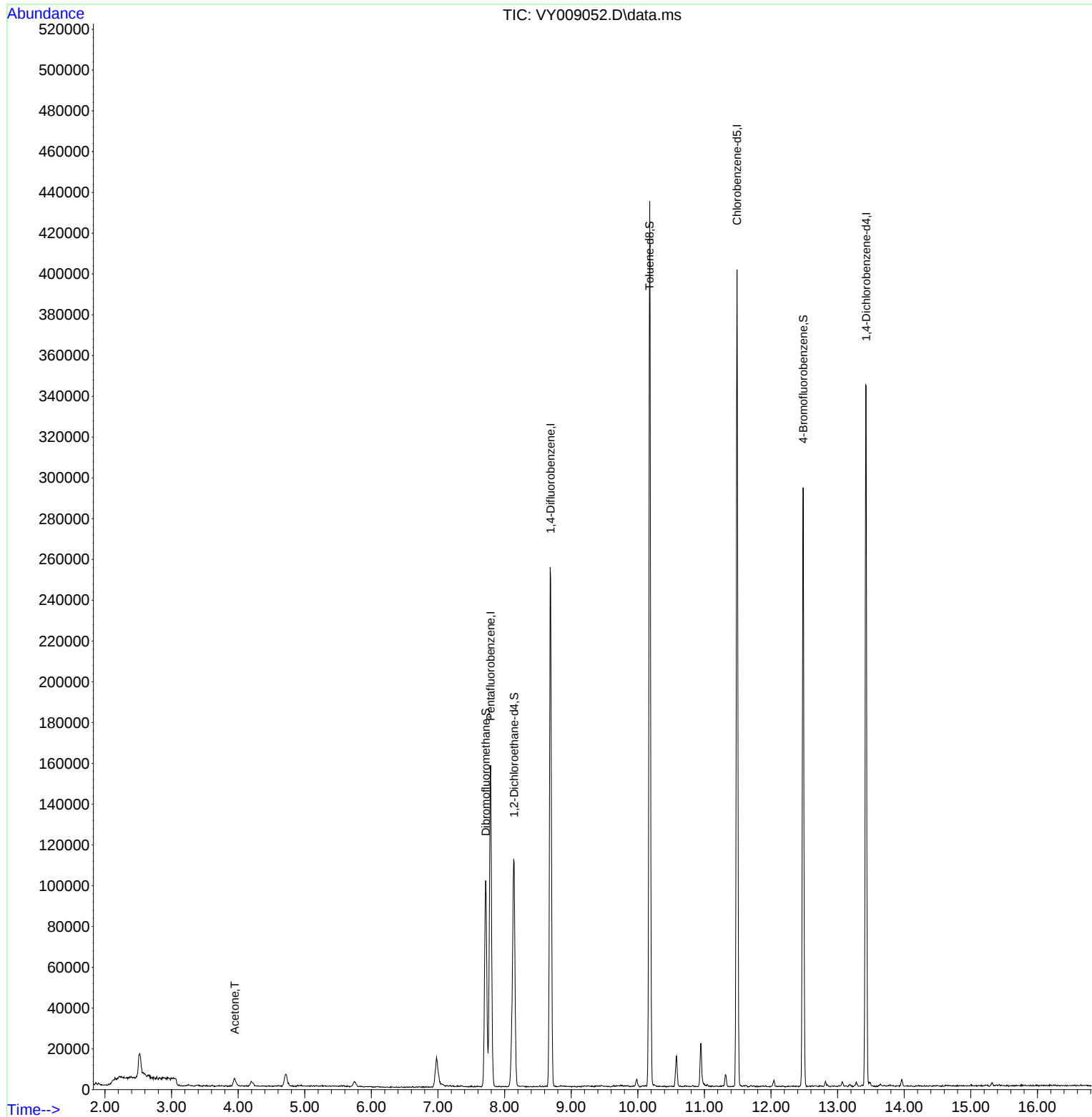
Internal Standards						
1) Pentafluorobenzene	7.789	168	118780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	216165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75138	61.464	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	122.920%	
35) Dibromofluoromethane	7.715	113	69338	51.583	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	103.160%	
50) Toluene-d8	10.178	98	269003	54.246	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	108.500%	
62) 4-Bromofluorobenzene	12.483	95	76446	38.215	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	76.440%	
Target Compounds						
16) Acetone	3.948	43	6663	26.184	ug/l	Qvalue 97

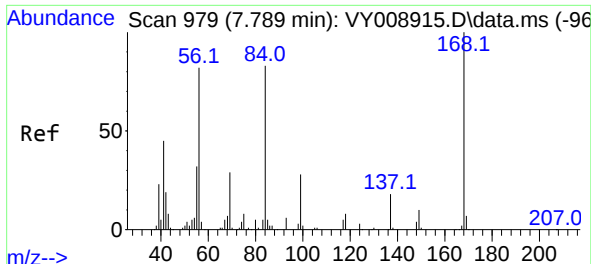
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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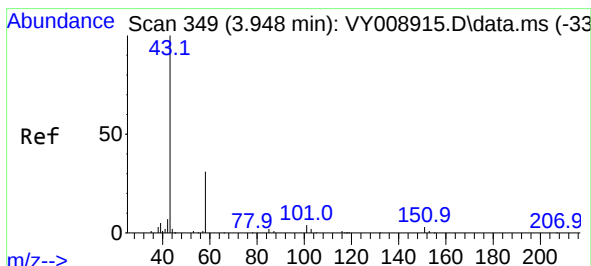
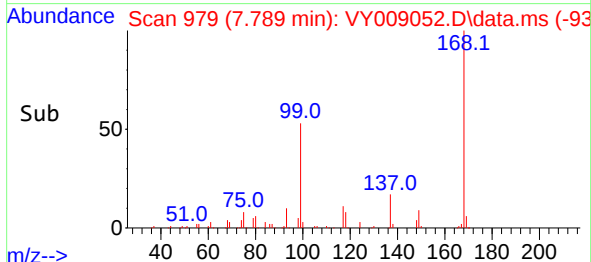
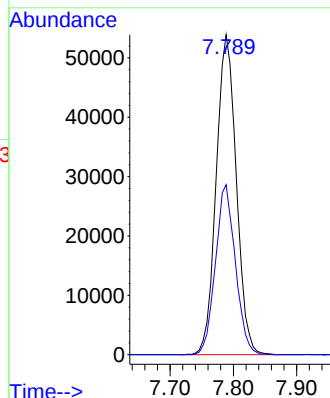
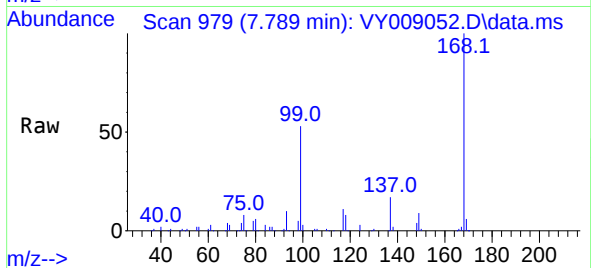




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

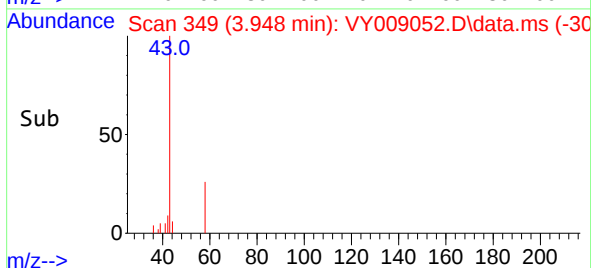
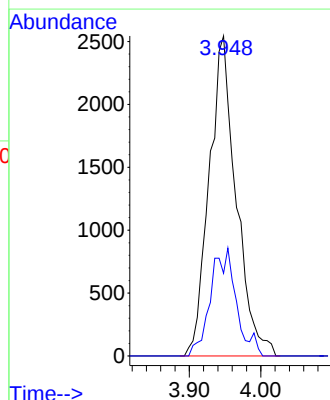
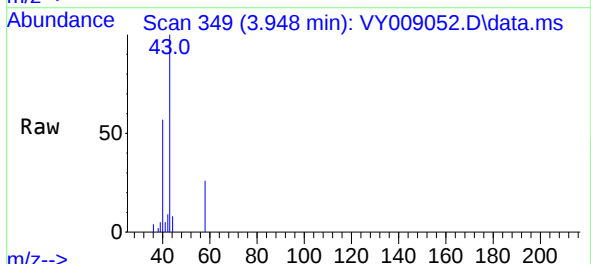
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-01

Tgt Ion:168 Resp: 118780
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#16
Acetone
Concen: 26.184 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

Tgt Ion: 43 Resp: 6663
Ion Ratio Lower Upper
43 100
58 25.9 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 61.464 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY009052.D

Acq: 24 May 2022 11:26

Instrument :

MSVOA_Y

ClientSampleId :

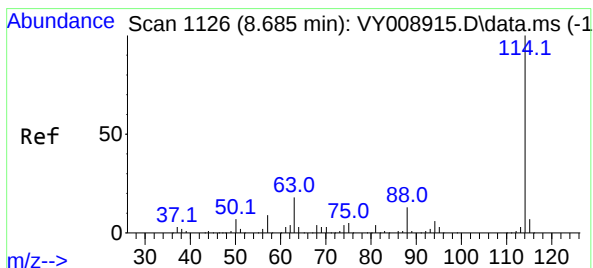
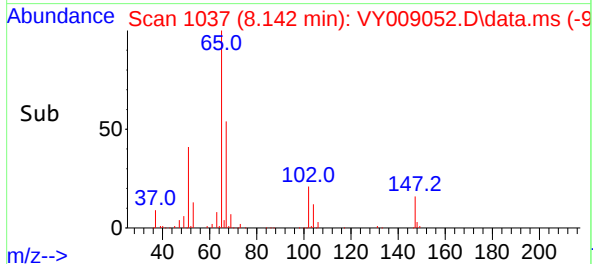
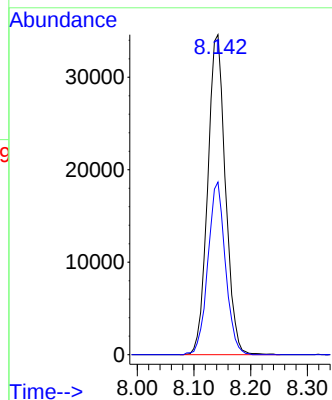
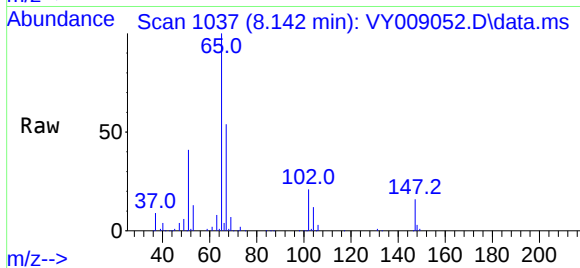
P036-SS001-0612-01

Tgt Ion: 65 Resp: 75138

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009052.D

Acq: 24 May 2022 11:26

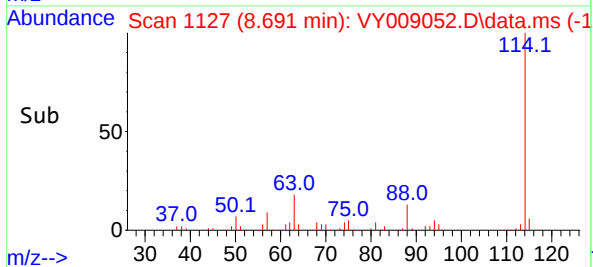
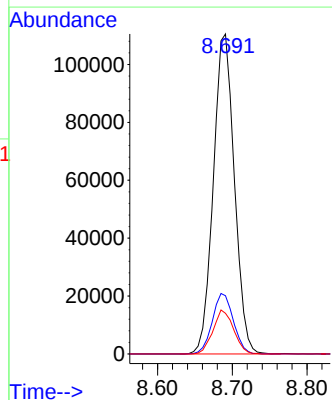
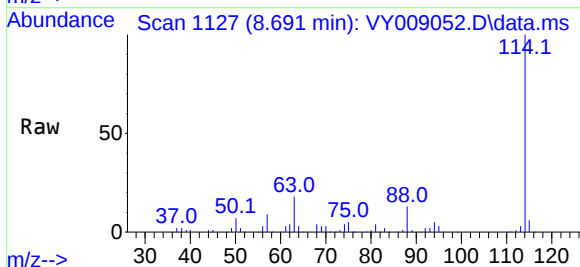
Tgt Ion: 114 Resp: 216165

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 12.7 0.0 31.8

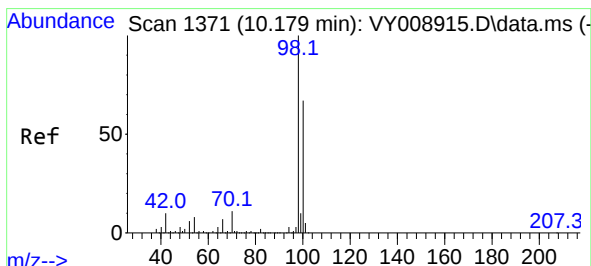
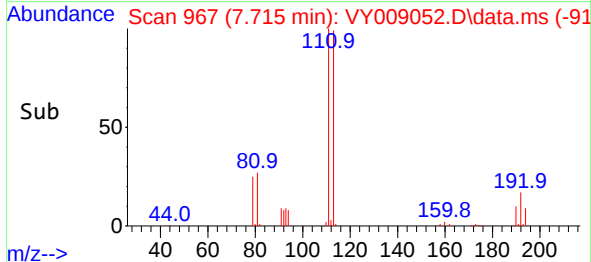
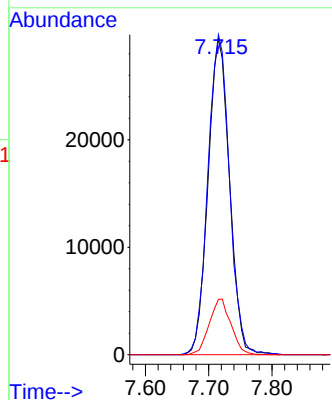
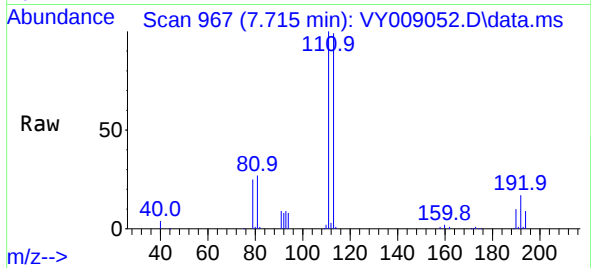




#35
Dibromofluoromethane
Concen: 51.583 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

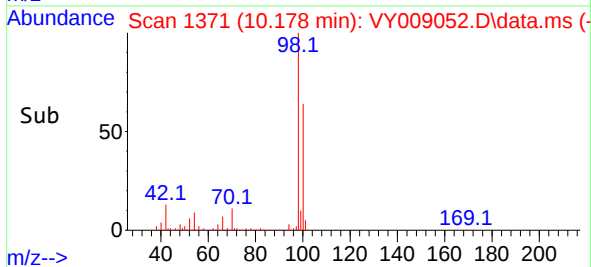
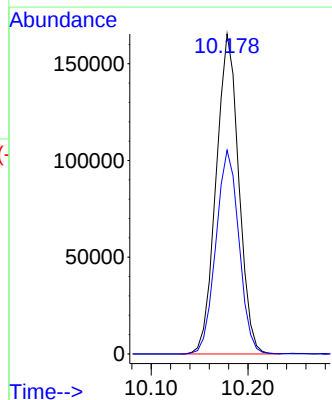
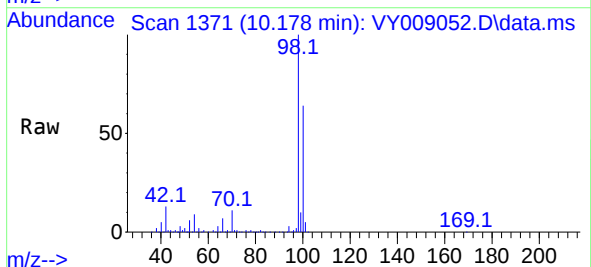
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-01

Tgt Ion:113 Resp: 69338
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 17.7 17.6 26.4



#50
Toluene-d8
Concen: 54.246 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

Tgt Ion: 98 Resp: 269003
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

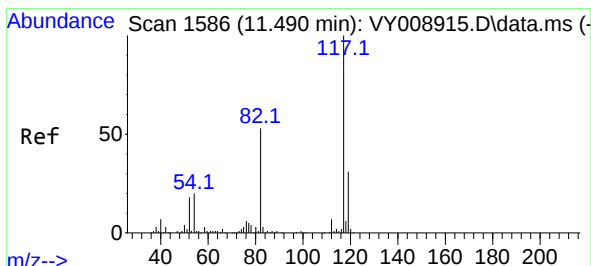
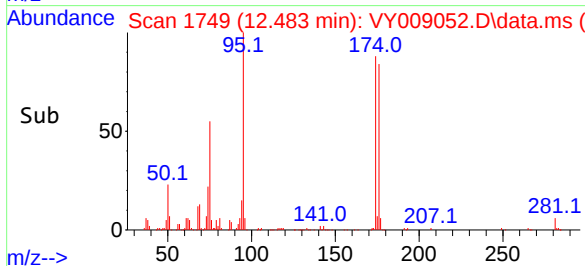
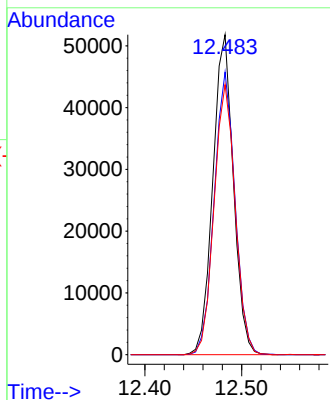
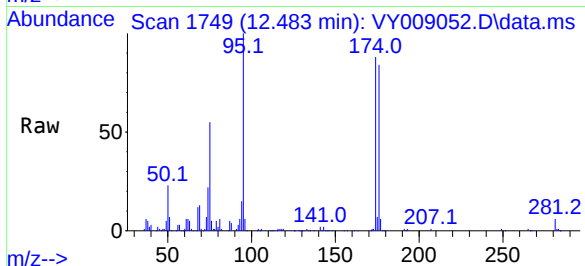




#62
4-Bromofluorobenzene
Concen: 38.215 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

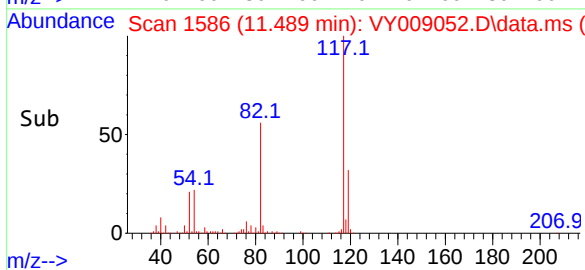
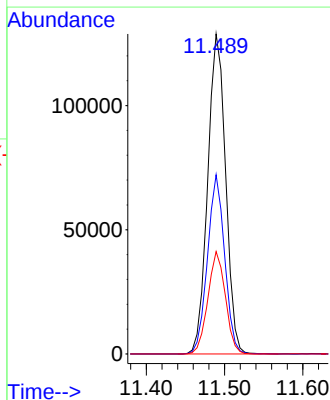
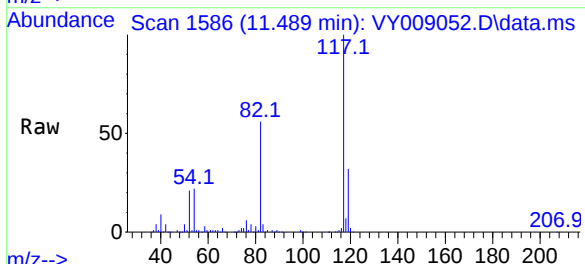
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-01

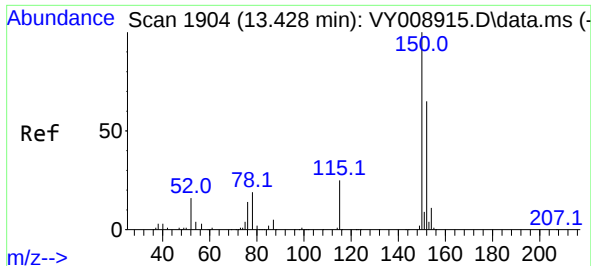
Tgt Ion: 95 Resp: 76446
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 86.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009052.D
Acq: 24 May 2022 11:26

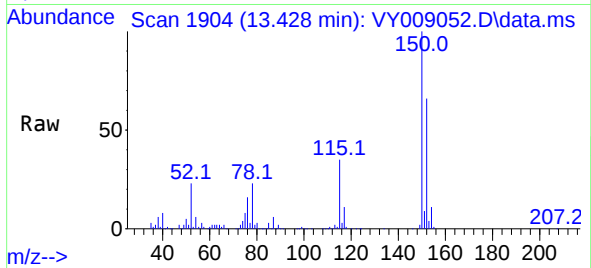
Tgt Ion: 117 Resp: 204729
Ion Ratio Lower Upper
117 100
82 56.0 43.0 64.4
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY009052.D
 Acq: 24 May 2022 11:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-0612-01



Tgt Ion:152 Resp: 84750
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.2 84.7
 150 156.0 0.0 347.6

