

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009027.D
 Acq On : 24 May 2022 00:03
 Operator : KP/MD
 Sample : N2948-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-0612-01

Quant Time: May 24 01:53:34 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)

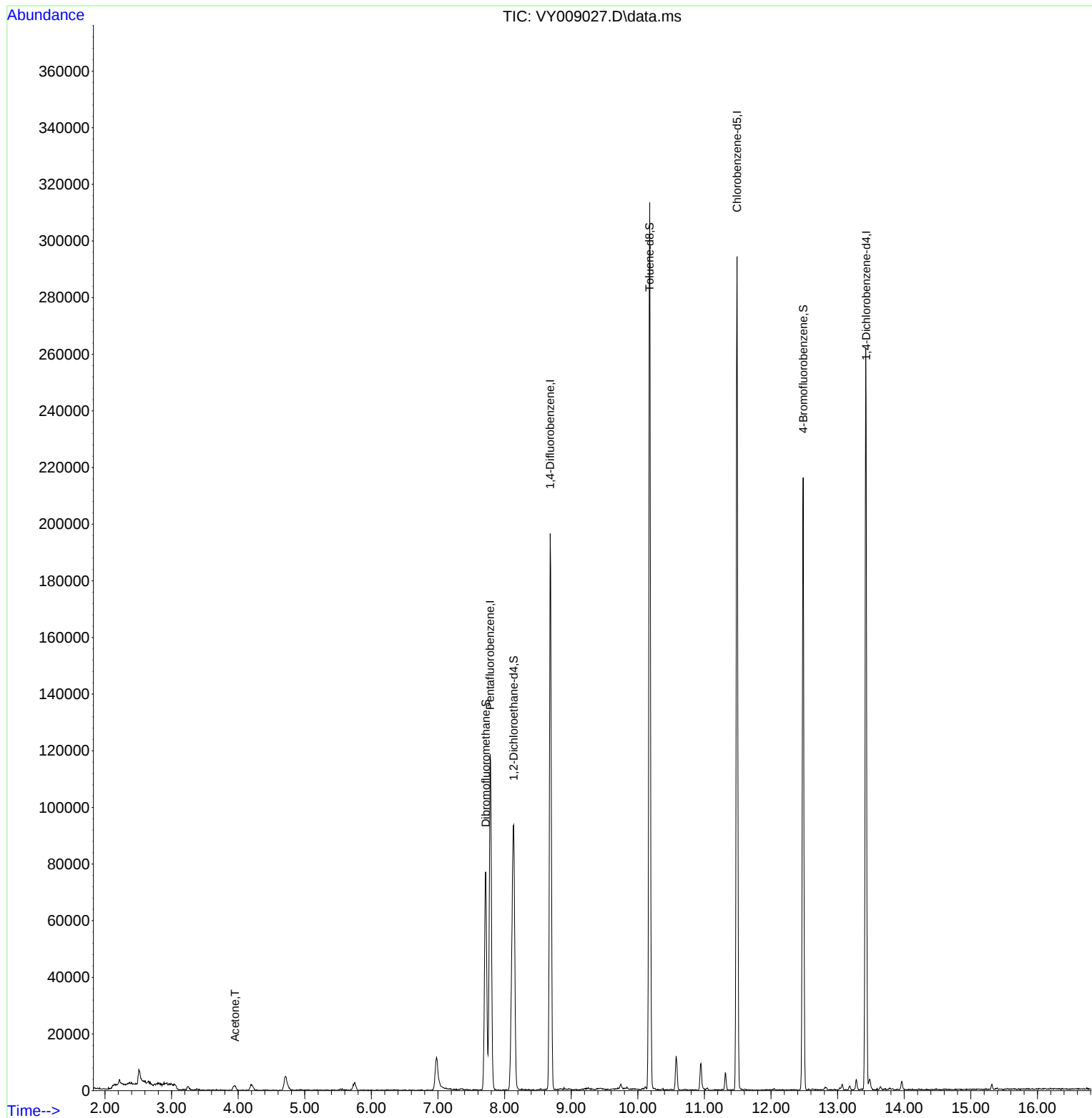
Internal Standards						
1) Pentafluorobenzene	7.783	168	90449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	163866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55884	60.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.060%	
35) Dibromofluoromethane	7.716	113	51867	50.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.800%	
50) Toluene-d8	10.179	98	199515	53.074	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.140%	
62) 4-Bromofluorobenzene	12.483	95	56062	36.970	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.940%	
Target Compounds						
16) Acetone	3.954	43	3133	16.169	ug/l	Qvalue 90

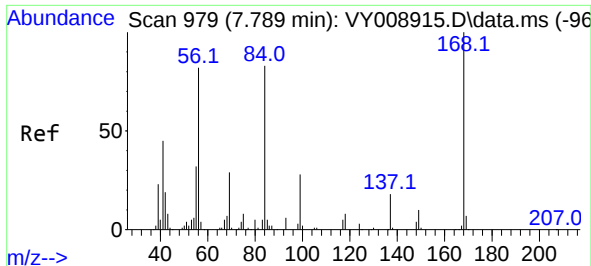
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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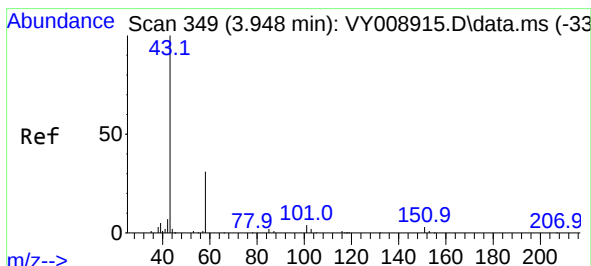
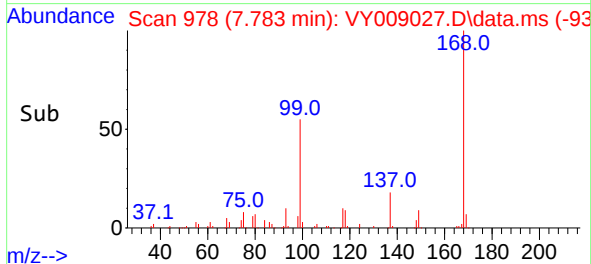
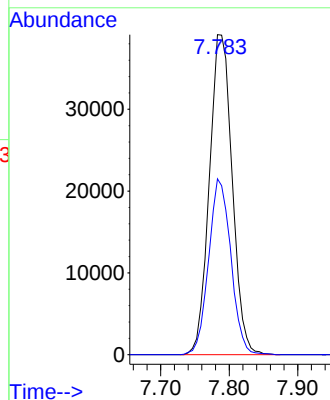
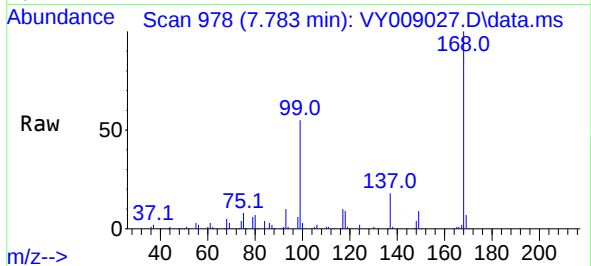




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

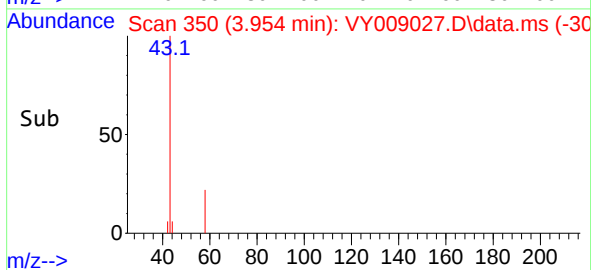
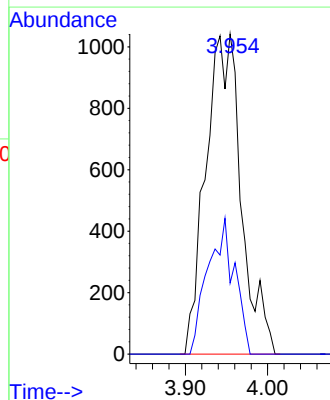
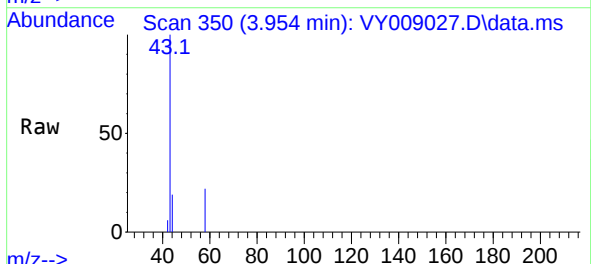
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0612-01

Tgt Ion:168 Resp: 90449
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#16
Acetone
Concen: 16.169 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

Tgt Ion: 43 Resp: 3133
Ion Ratio Lower Upper
43 100
58 22.2 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 60.033 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY009027.D

Acq: 24 May 2022 00:03

Instrument :

MSVOA_Y

ClientSampleId :

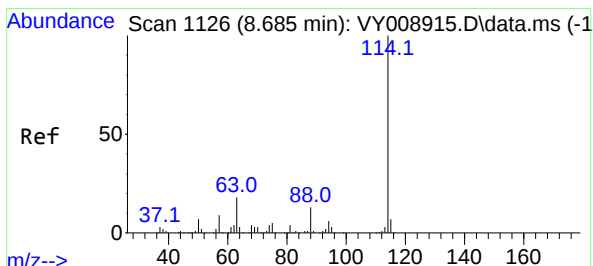
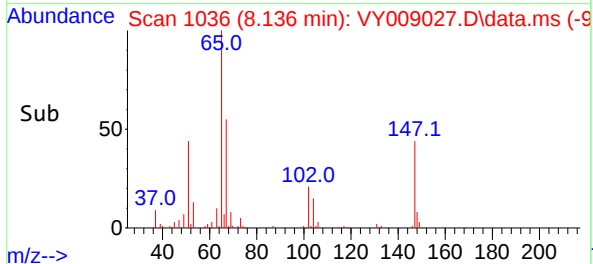
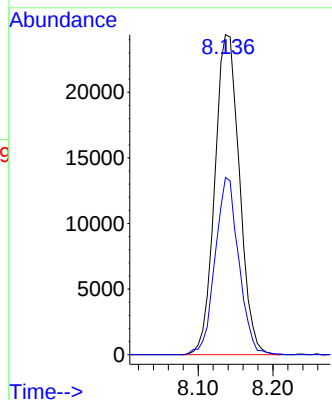
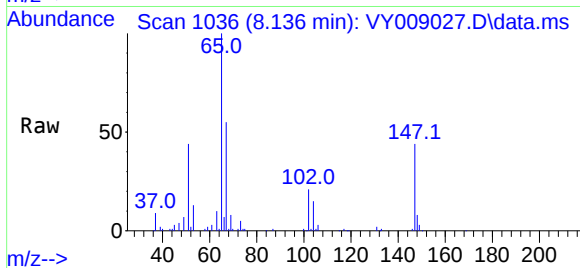
P035-SS001-0612-01

Tgt Ion: 65 Resp: 55884

Ion Ratio Lower Upper

65 100

67 53.2 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: VY009027.D

Acq: 24 May 2022 00:03

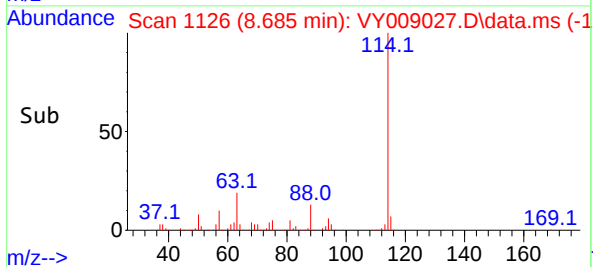
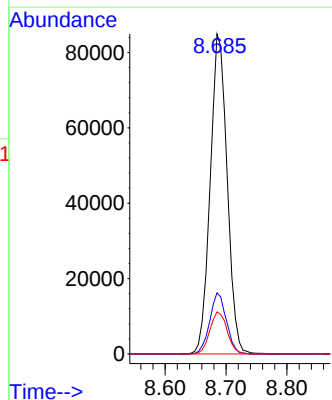
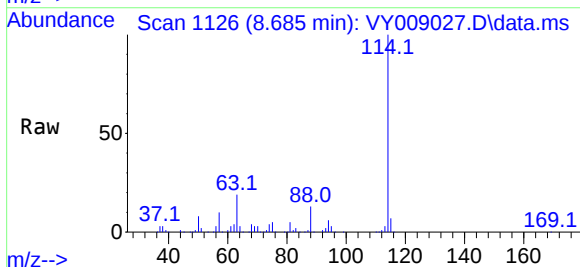
Tgt Ion: 114 Resp: 163866

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.2 0.0 31.8

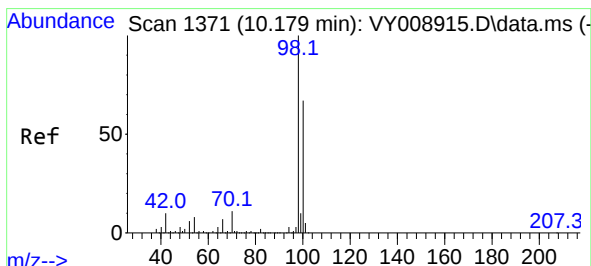
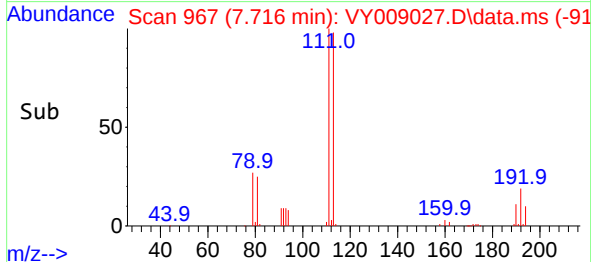
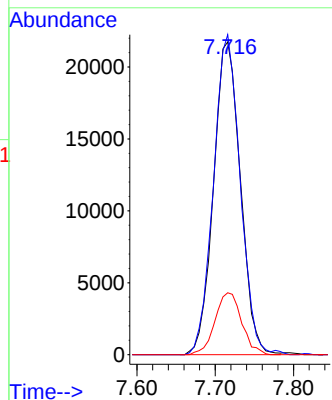
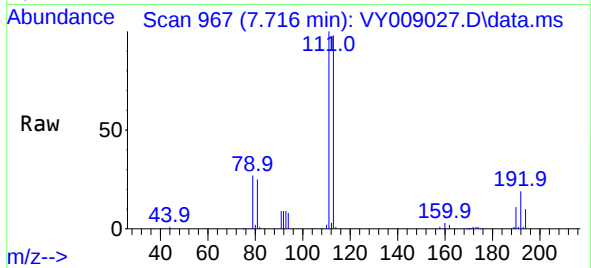




#35
Dibromofluoromethane
Concen: 50.901 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

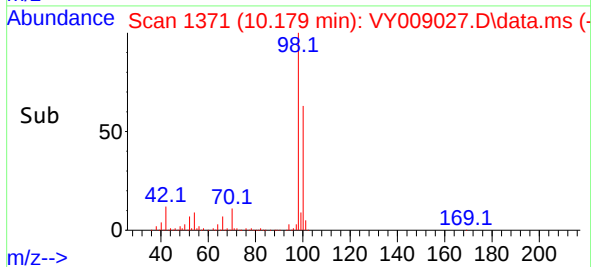
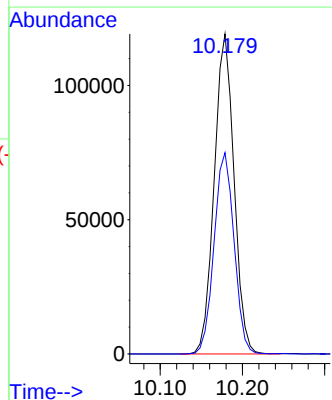
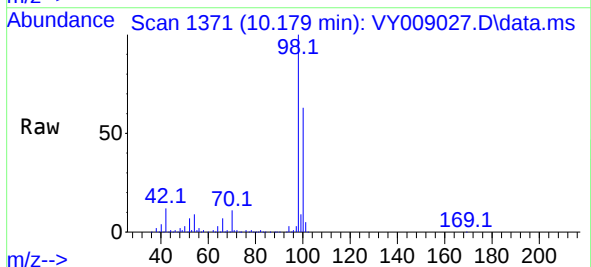
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0612-01

Tgt Ion:113 Resp: 51867
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 19.7 17.6 26.4



#50
Toluene-d8
Concen: 53.074 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

Tgt Ion: 98 Resp: 199515
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

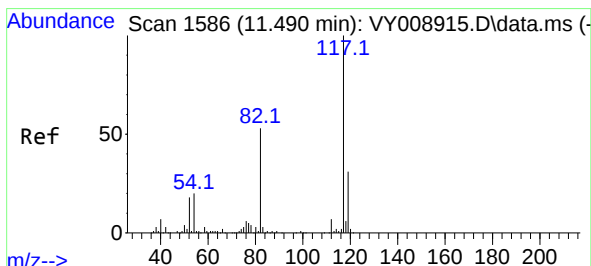
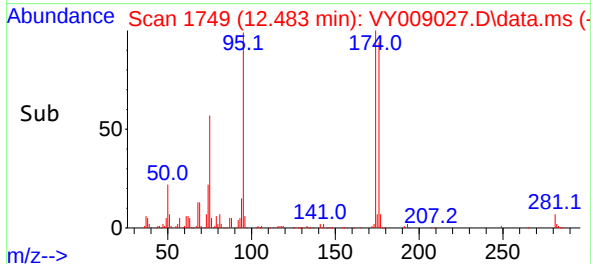
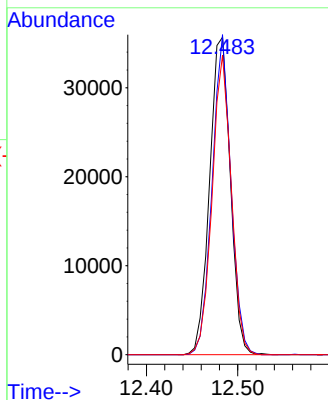
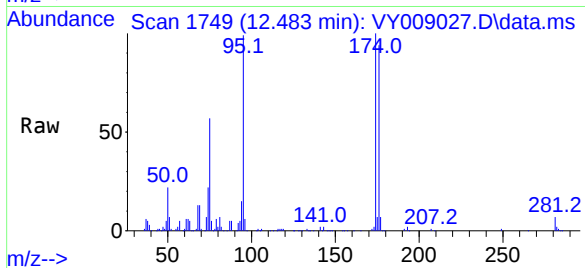




#62
4-Bromofluorobenzene
Concen: 36.970 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

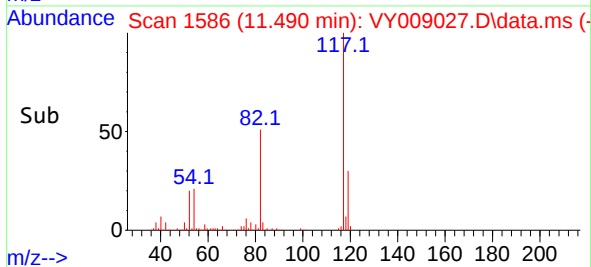
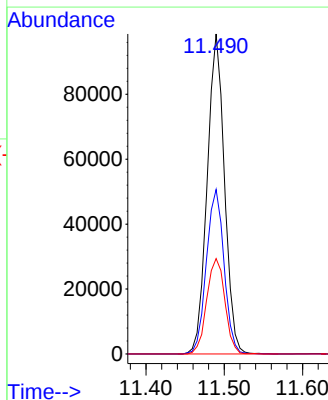
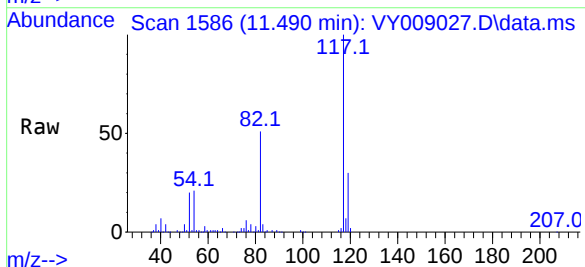
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0612-01

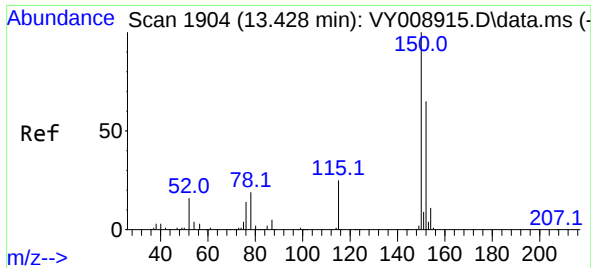
Tgt Ion: 95 Resp: 56062
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 87.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009027.D
Acq: 24 May 2022 00:03

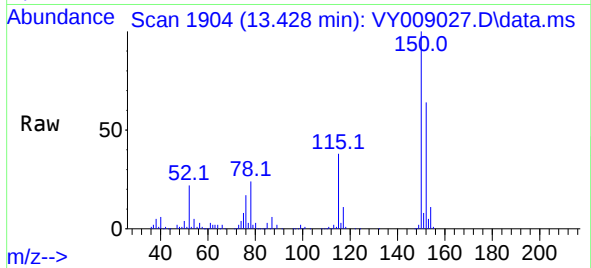
Tgt Ion: 117 Resp: 151020
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 29.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009027.D
 Acq: 24 May 2022 00:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-0612-01



Tgt Ion:152 Resp: 62014
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.2 84.7
 150 159.1 0.0 347.6

