

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011866.D
 Acq On : 15 Dec 2022 13:06
 Operator : KP/MD
 Sample : N6038-13
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-35-(5-7)

Quant Time: Dec 16 00:13:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

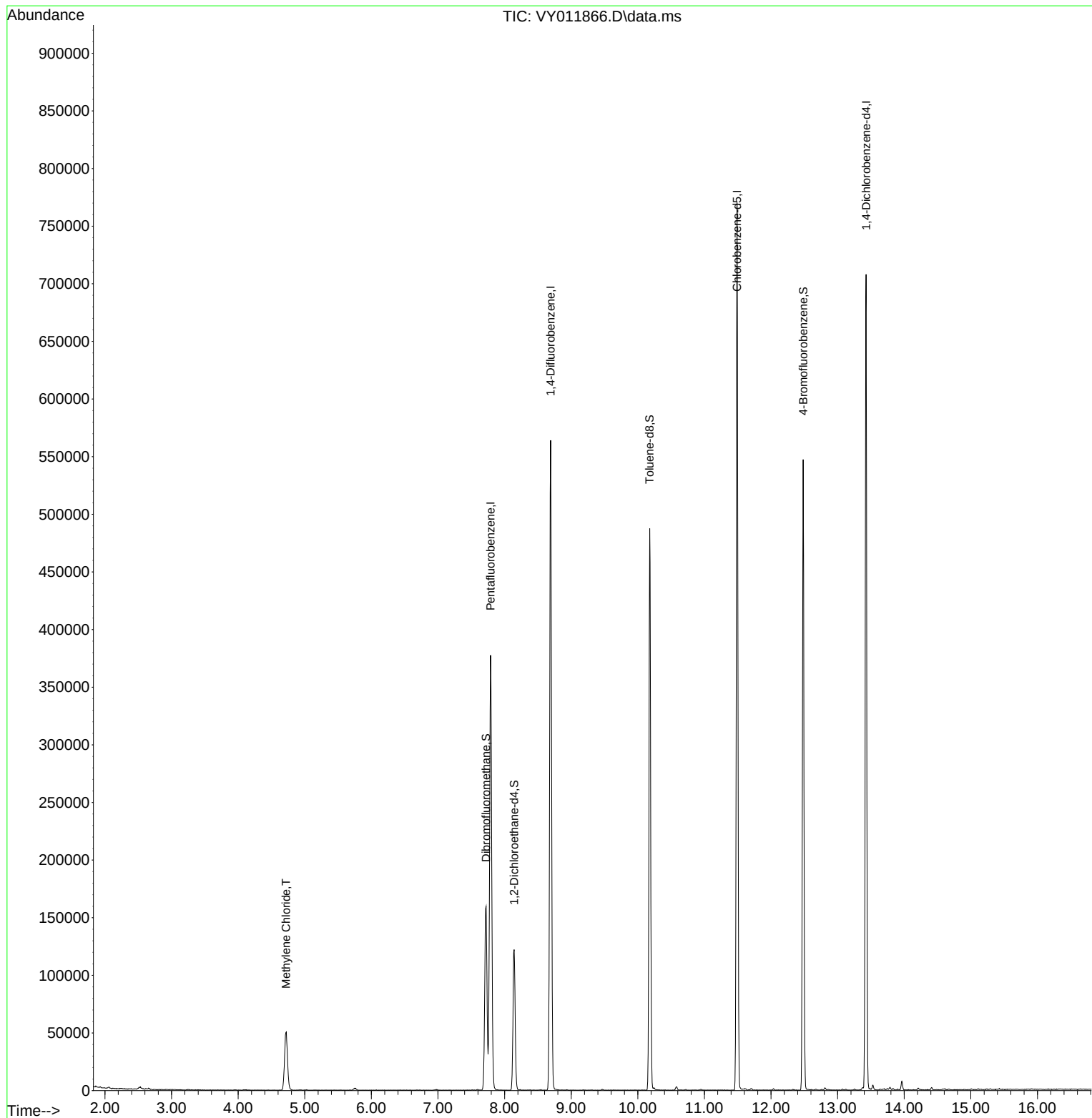
Internal Standards						
1) Pentafluorobenzene	7.789	168	288682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	475720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	414342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	100417	51.079	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.160%		
35) Dibromofluoromethane	7.722	113	114706	54.631	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.260%		
50) Toluene-d8	10.179	98	323313	46.145	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 92.280%		
62) 4-Bromofluorobenzene	12.483	95	156077	57.251	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 114.500%		
Target Compounds						
20) Methylene Chloride	4.716	84	39511	9.299	ug/l	Qvalue 96

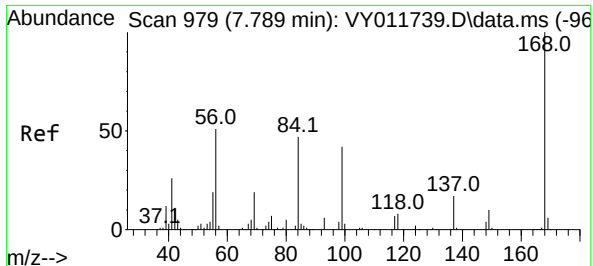
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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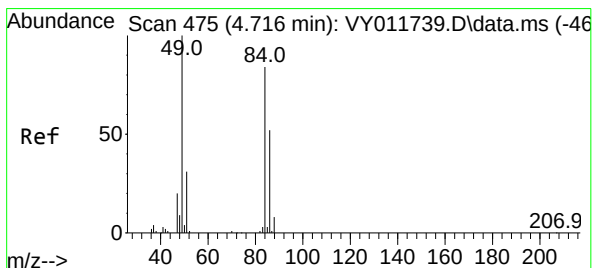
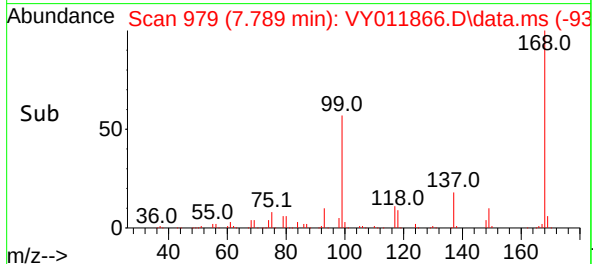
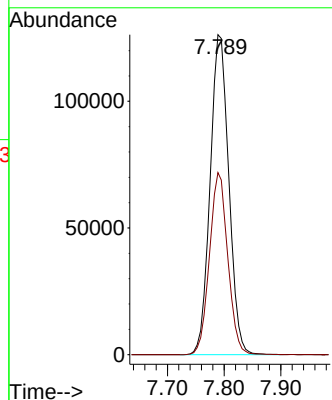
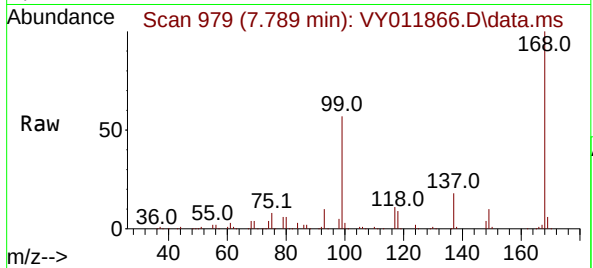




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011866.D
Acq: 15 Dec 2022 13:06

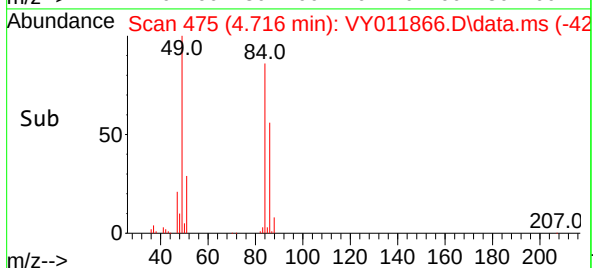
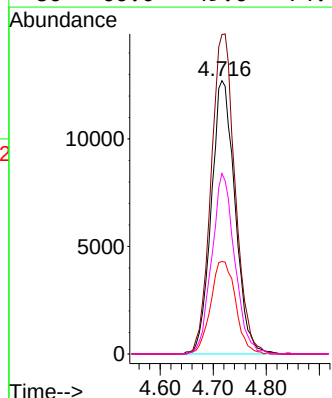
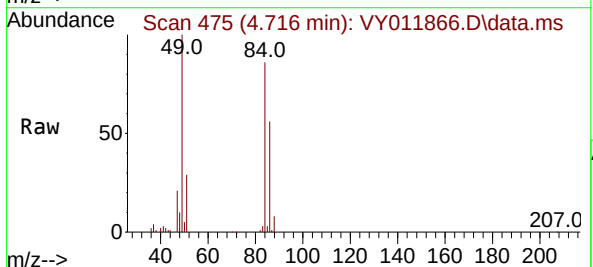
Instrument :
MSVOA_Y
ClientSampleId :
RB-35-(5-7)

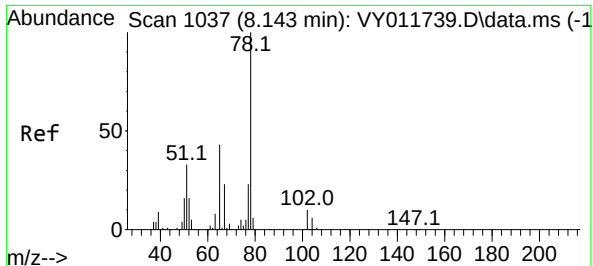
Tgt Ion:168 Resp: 288682
Ion Ratio Lower Upper
168 100
99 56.9 44.0 66.0



#20
Methylene Chloride
Concen: 9.299 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011866.D
Acq: 15 Dec 2022 13:06

Tgt Ion: 84 Resp: 39511
Ion Ratio Lower Upper
84 100
49 116.9 95.4 143.2
51 33.9 29.9 44.9
86 66.0 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 51.079 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011866.D

Acq: 15 Dec 2022 13:06

Instrument :

MSVOA_Y

ClientSampleId :

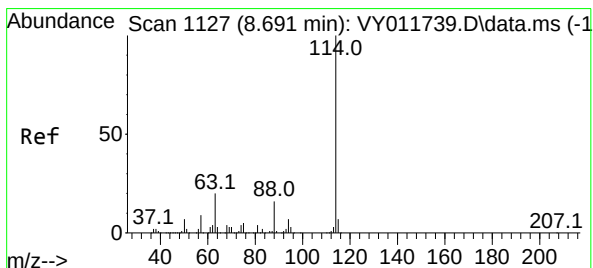
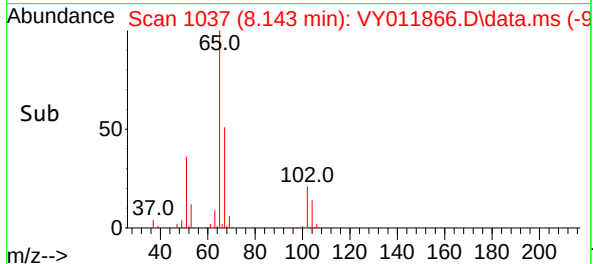
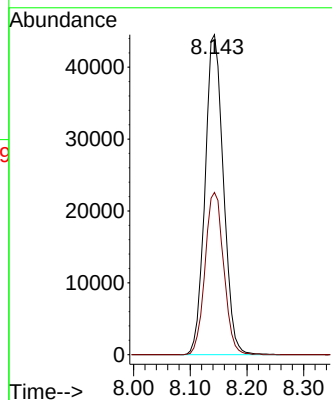
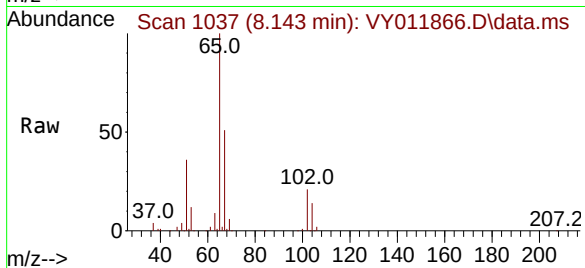
RB-35-(5-7)

Tgt Ion: 65 Resp: 100417

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011866.D

Acq: 15 Dec 2022 13:06

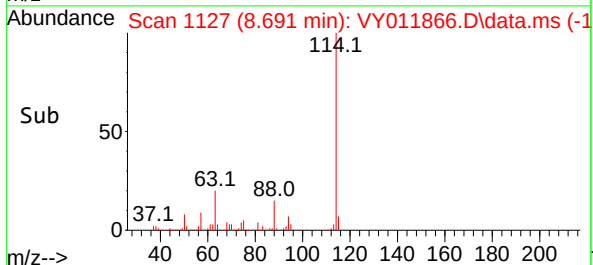
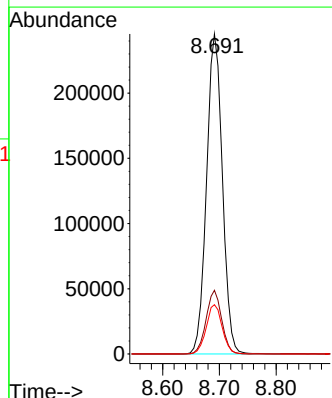
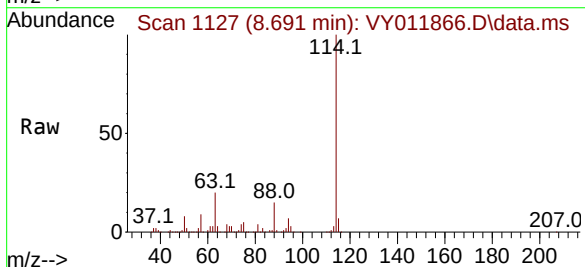
Tgt Ion: 114 Resp: 475720

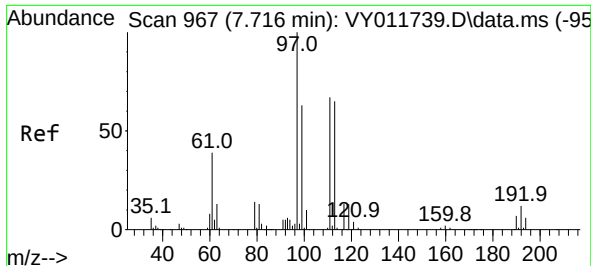
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.4 0.0 32.2

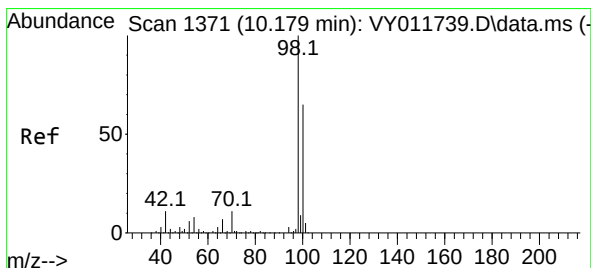
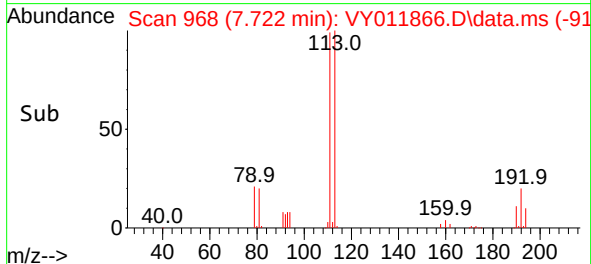
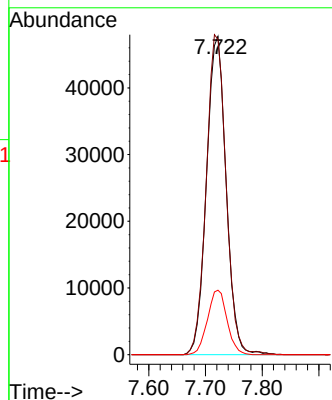
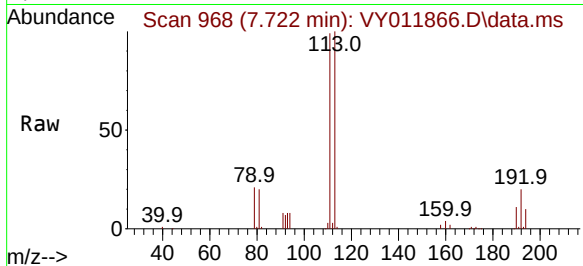




#35
 Dibromofluoromethane
 Concen: 54.631 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY011866.D
 Acq: 15 Dec 2022 13:06

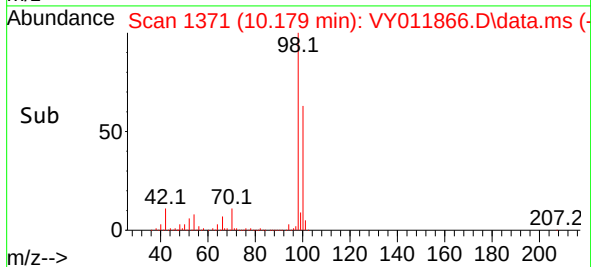
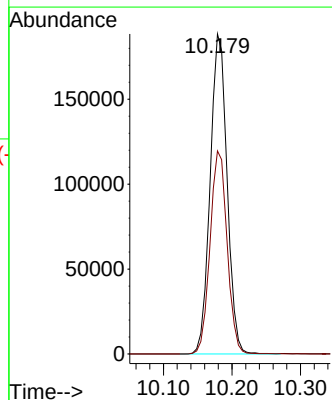
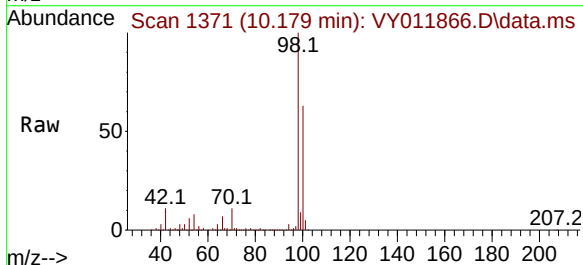
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-35-(5-7)

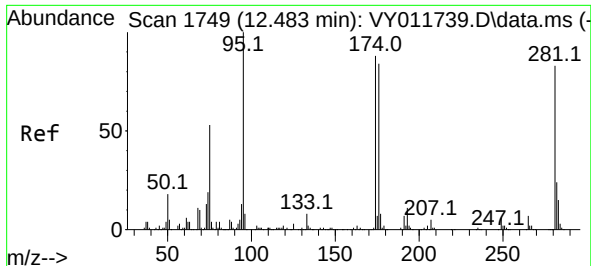
Tgt Ion:113 Resp: 114706
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.0 124.4
 192 20.2 16.0 24.0



#50
 Toluene-d8
 Concen: 46.145 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY011866.D
 Acq: 15 Dec 2022 13:06

Tgt Ion: 98 Resp: 323313
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.9 77.9

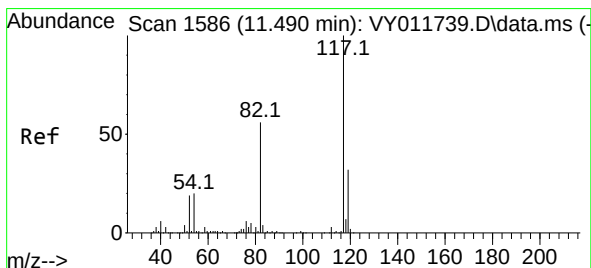
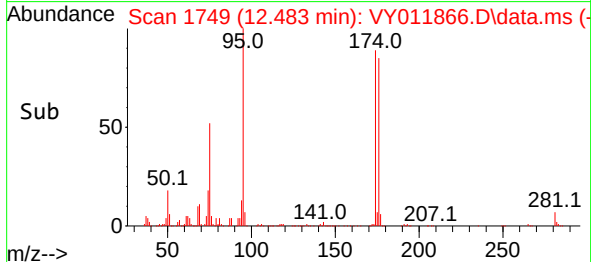
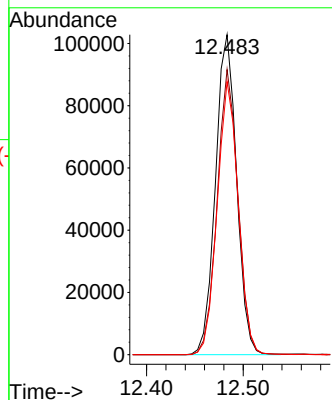
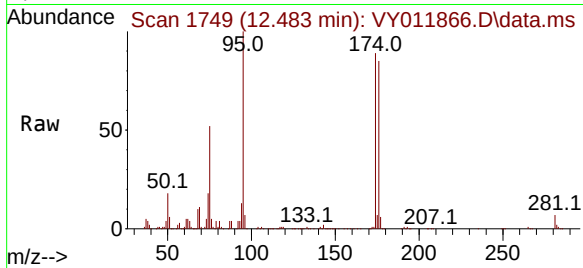




#62
4-Bromofluorobenzene
Concen: 57.251 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011866.D
Acq: 15 Dec 2022 13:06

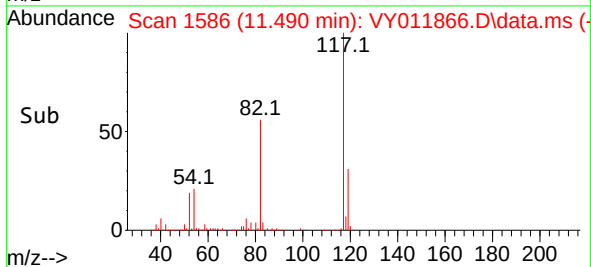
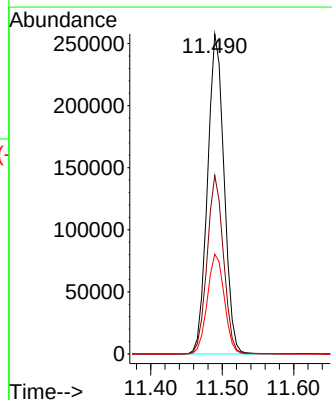
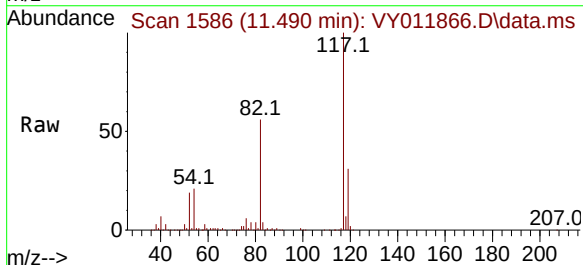
Instrument :
MSVOA_Y
ClientSampleId :
RB-35-(5-7)

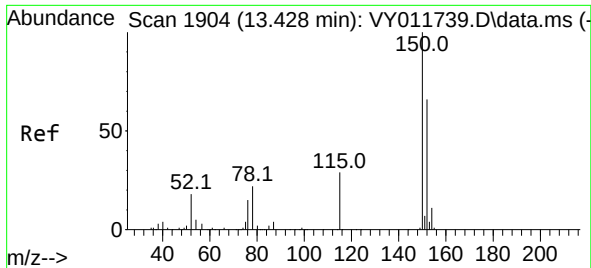
Tgt Ion: 95 Resp: 156077
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.0
176 84.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011866.D
Acq: 15 Dec 2022 13:06

Tgt Ion: 117 Resp: 414342
Ion Ratio Lower Upper
117 100
82 55.8 44.8 67.2
119 31.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011866.D

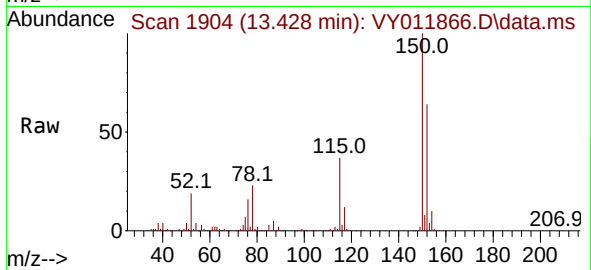
Acq: 15 Dec 2022 13:06

Instrument :

MSVOA_Y

ClientSampleId :

RB-35-(5-7)



Tgt Ion:152 Resp: 184470

Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.3

150 156.8 0.0 342.6

