

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011845.D
 Acq On : 14 Dec 2022 15:11
 Operator : KP/MD
 Sample : N6037-16
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-25-(1-3)

Quant Time: Dec 15 01:20:42 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)

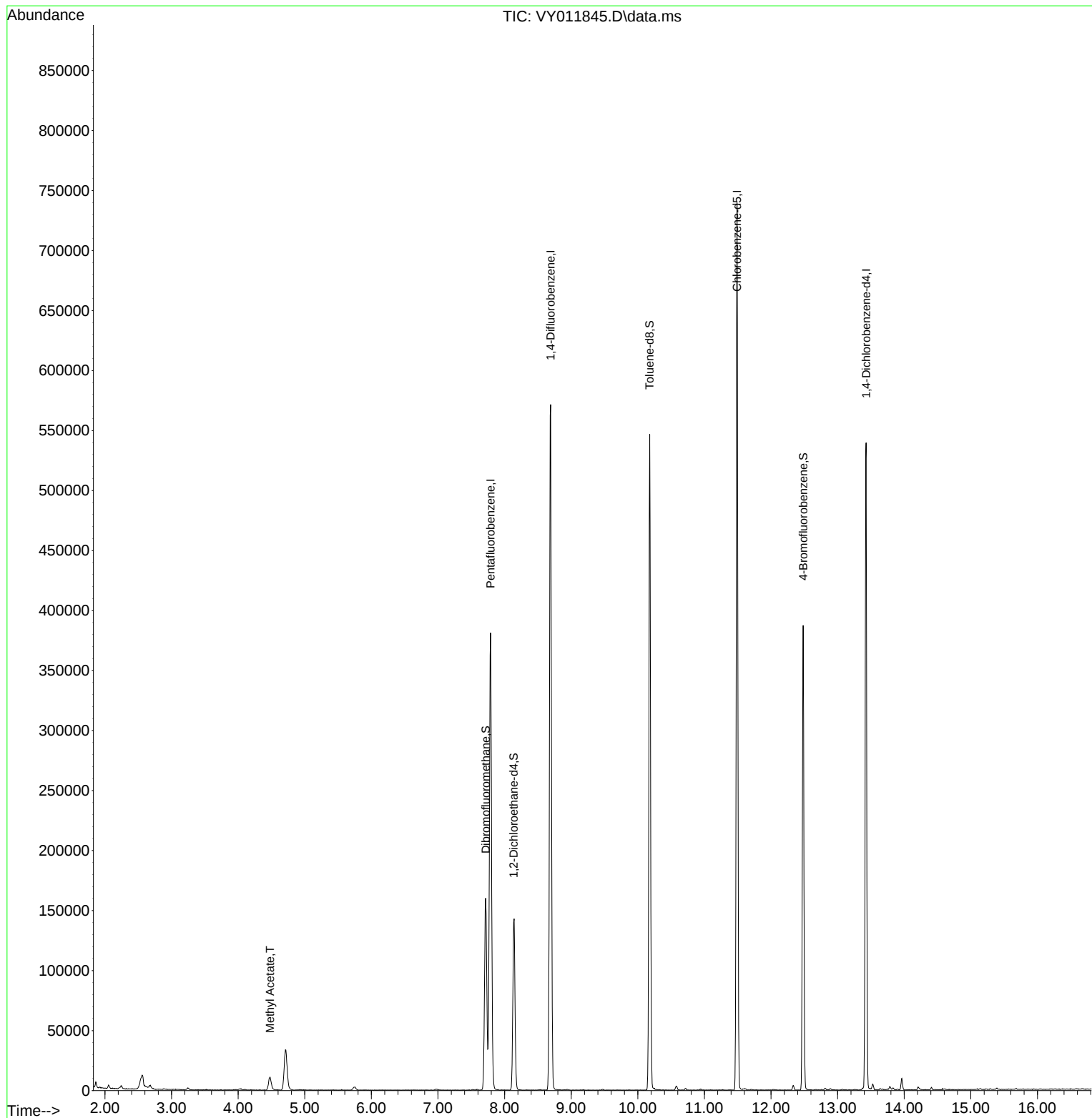
Internal Standards						
1) Pentafluorobenzene	7.789	168	295768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	492270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	397477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114528	57.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.920%
35) Dibromofluoromethane	7.716	113	113975	52.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.580%
50) Toluene-d8	10.179	98	355948	49.584	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.483	95	111387	37.924	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.840%
Target Compounds						
18) Methyl Acetate	4.479	43	21540	9.785	ug/l	98

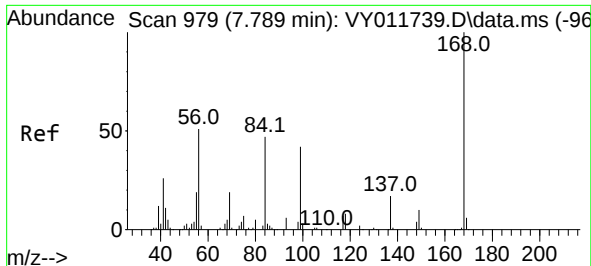
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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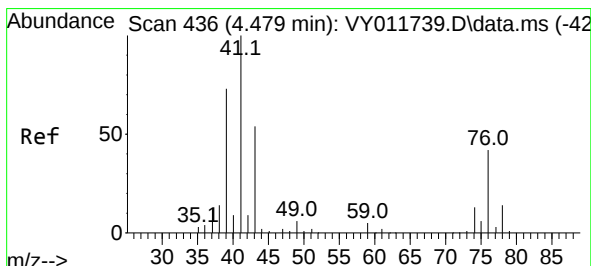
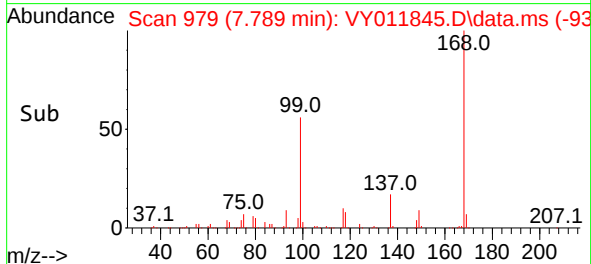
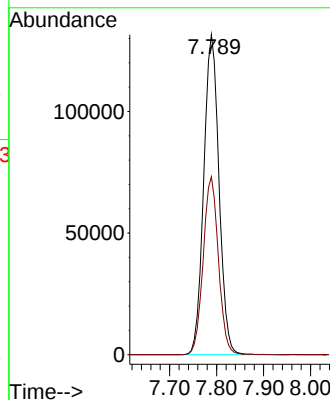
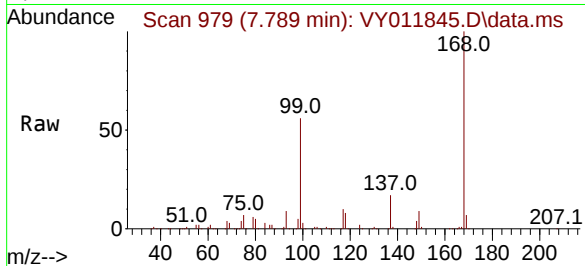




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011845.D
Acq: 14 Dec 2022 15:11

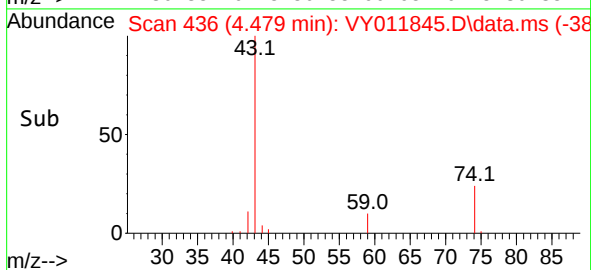
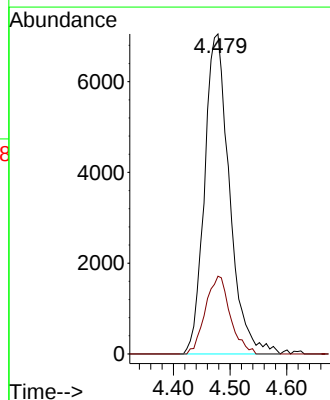
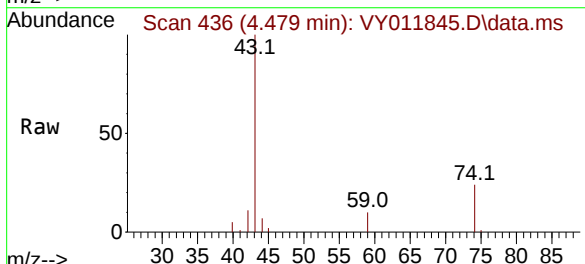
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(1-3)

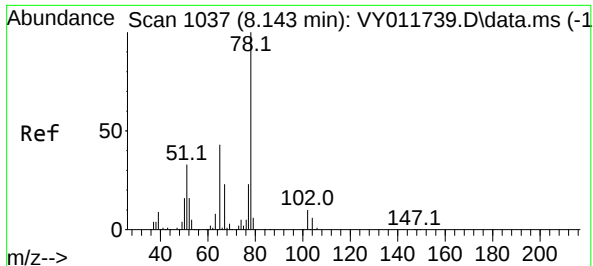
Tgt Ion:168 Resp: 295768
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#18
Methyl Acetate
Concen: 9.785 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011845.D
Acq: 14 Dec 2022 15:11

Tgt Ion: 43 Resp: 21540
Ion Ratio Lower Upper
43 100
74 24.1 20.1 30.1





#33

1,2-Dichloroethane-d4

Concen: 57.461 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY011845.D

Acq: 14 Dec 2022 15:11

Instrument :

MSVOA_Y

ClientSampleId :

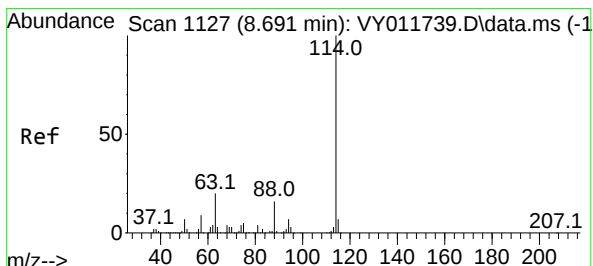
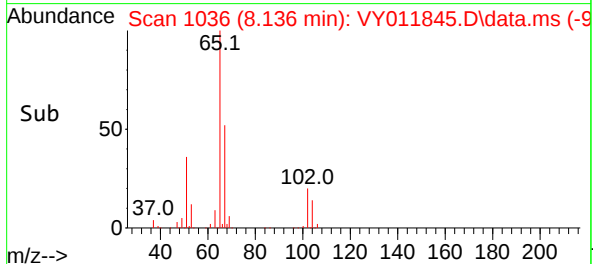
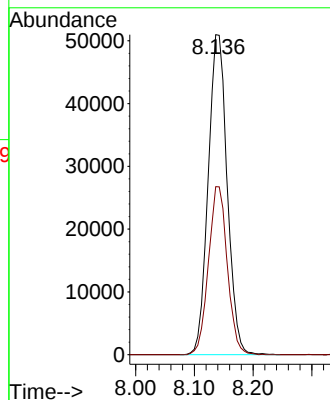
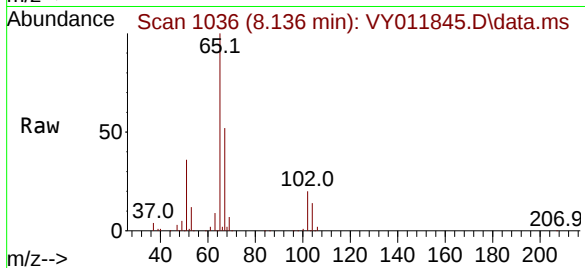
RB-25-(1-3)

Tgt Ion: 65 Resp: 114528

Ion Ratio Lower Upper

65 100

67 52.1 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: VY011845.D

Acq: 14 Dec 2022 15:11

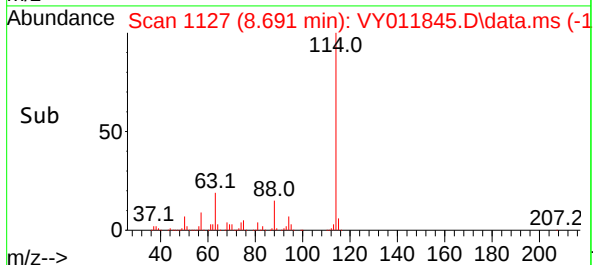
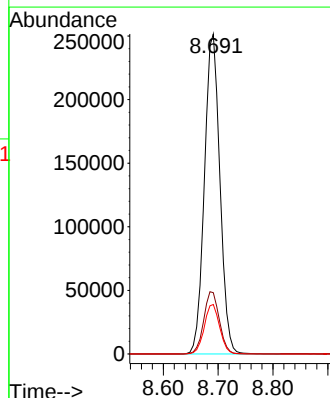
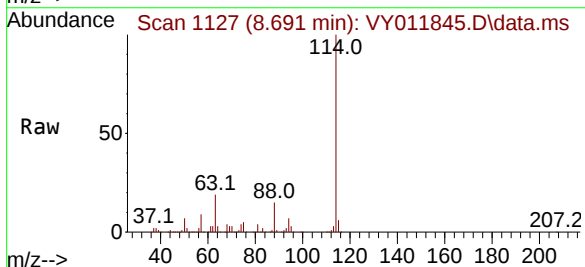
Tgt Ion: 114 Resp: 492270

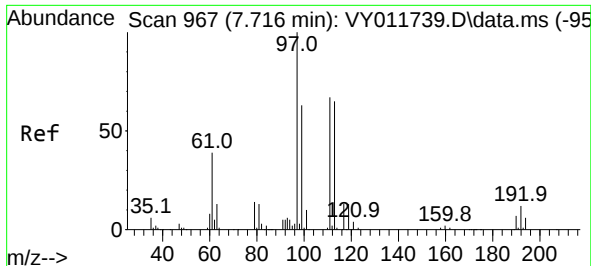
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.5 0.0 32.2

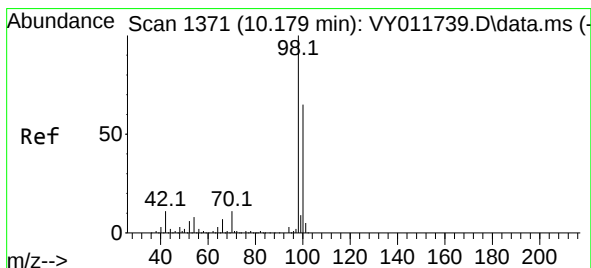
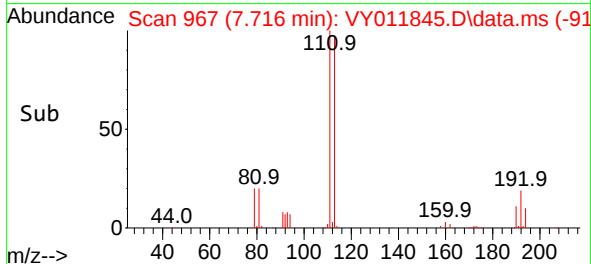
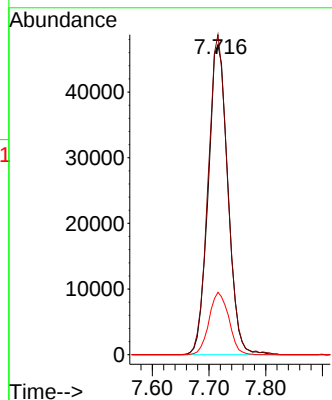
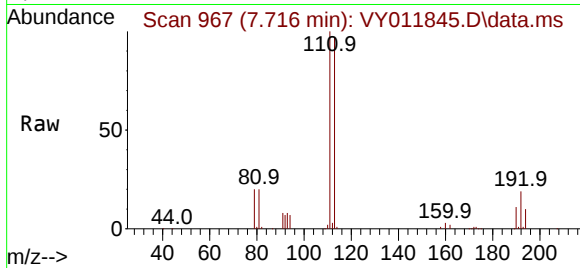




#35
Dibromofluoromethane
Concen: 52.290 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011845.D
Acq: 14 Dec 2022 15:11

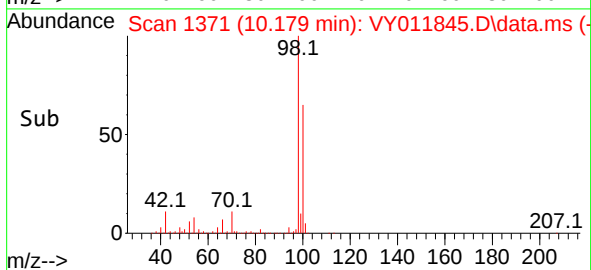
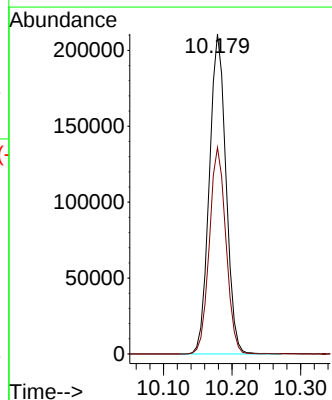
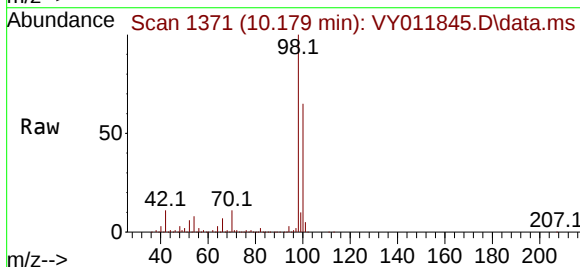
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(1-3)

Tgt Ion:113 Resp: 113975
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.4
192 20.1 16.0 24.0



#50
Toluene-d8
Concen: 49.584 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011845.D
Acq: 14 Dec 2022 15:11

Tgt Ion: 98 Resp: 355948
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

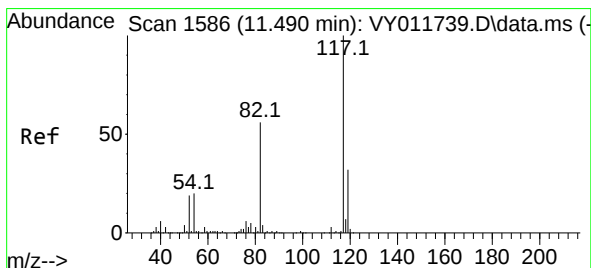
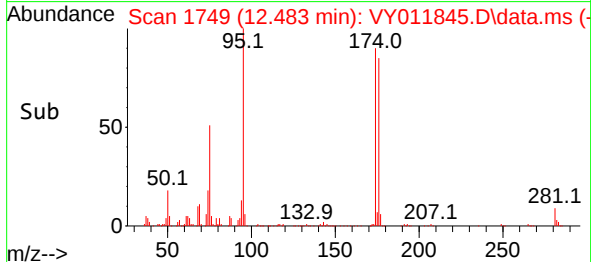
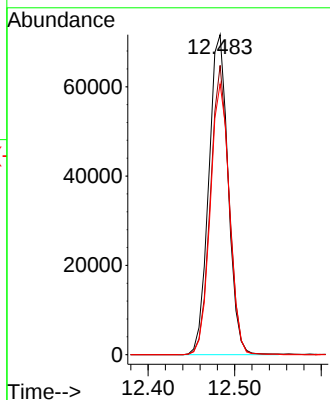
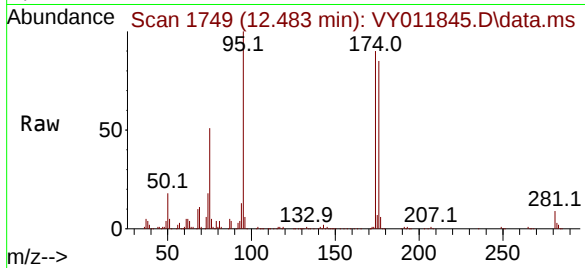




#62
4-Bromofluorobenzene
Concen: 37.924 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011845.D
Acq: 14 Dec 2022 15:11

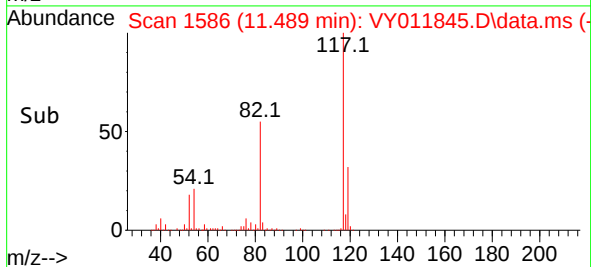
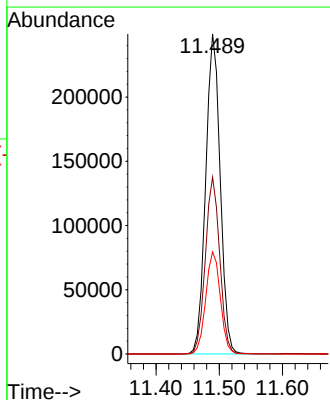
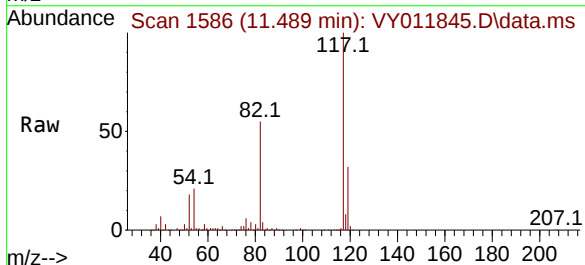
Instrument :
MSVOA_Y
ClientSampleId :
RB-25-(1-3)

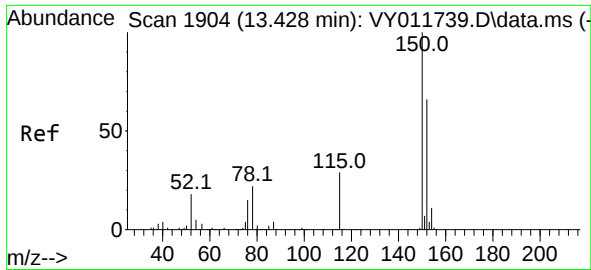
Tgt Ion: 95 Resp: 111387
Ion Ratio Lower Upper
95 100
174 87.1 0.0 172.0
176 83.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011845.D
Acq: 14 Dec 2022 15:11

Tgt Ion: 117 Resp: 397477
Ion Ratio Lower Upper
117 100
82 55.2 44.8 67.2
119 31.9 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: VY011845.D

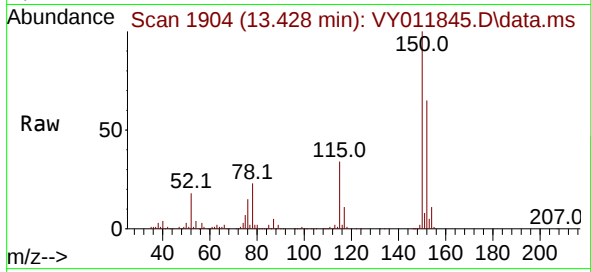
Acq: 14 Dec 2022 15:11

Instrument :

MSVOA_Y

ClientSampleId :

RB-25-(1-3)



Tgt Ion:152 Resp: 141452

Ion Ratio Lower Upper

152 100

115 56.9 29.1 87.3

150 156.2 0.0 342.6

