

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011871.D
 Acq On : 15 Dec 2022 14:59
 Operator : KP/MD
 Sample : N6038-17
 Misc : 4.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-37-(3-5)

Quant Time: Dec 16 00:14:39 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)

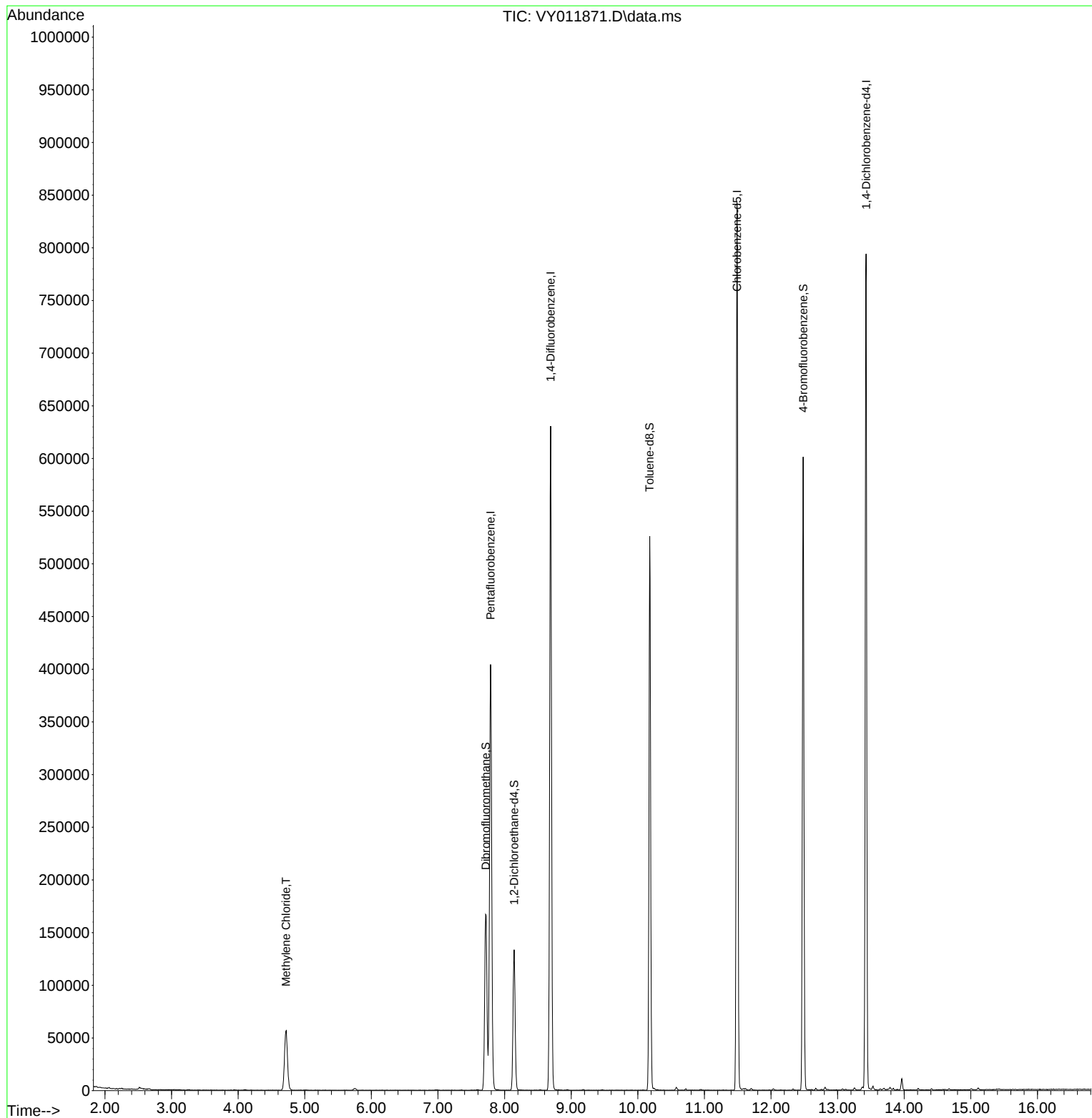
Internal Standards						
1) Pentafluorobenzene	7.789	168	311807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	524044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	458949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	207087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104305	48.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.840%
35) Dibromofluoromethane	7.716	113	120223	51.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.540%
50) Toluene-d8	10.179	98	346638	44.707	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.483	95	171052	56.932	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.860%
Target Compounds						
20) Methylene Chloride	4.716	84	44116	9.837	ug/l	Qvalue 97

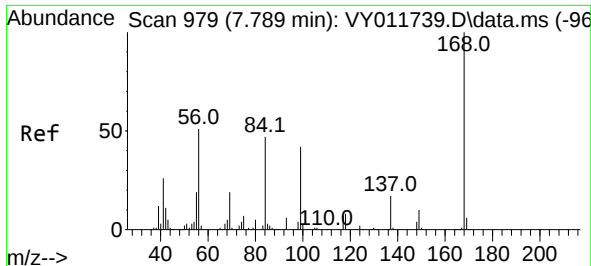
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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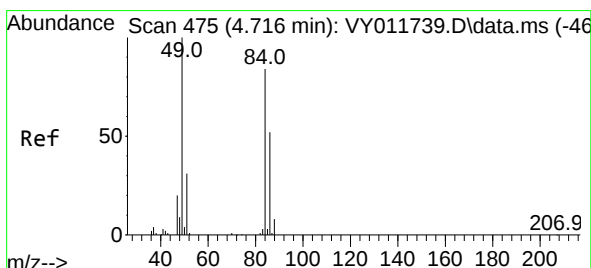
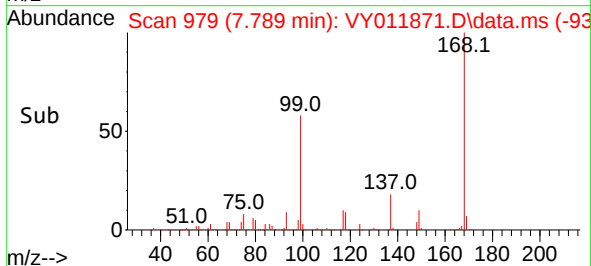
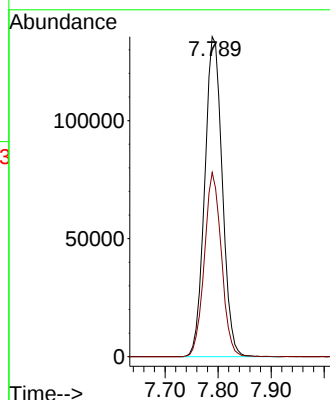
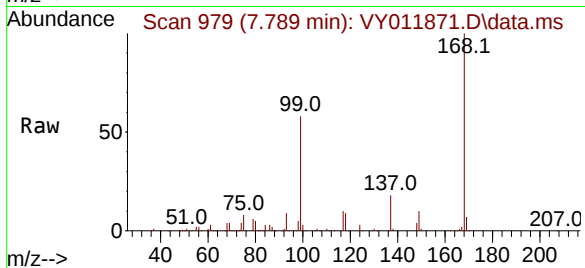




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

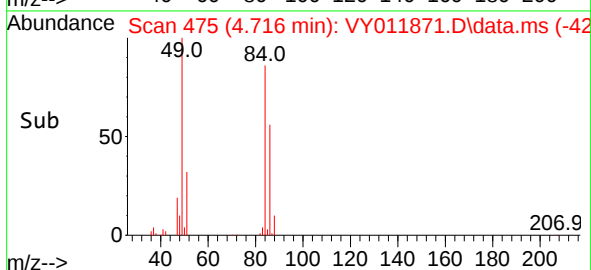
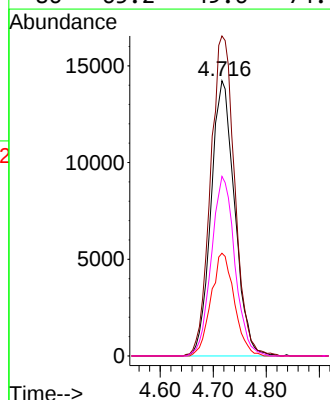
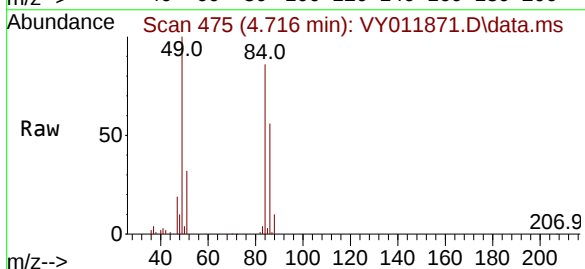
Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(3-5)

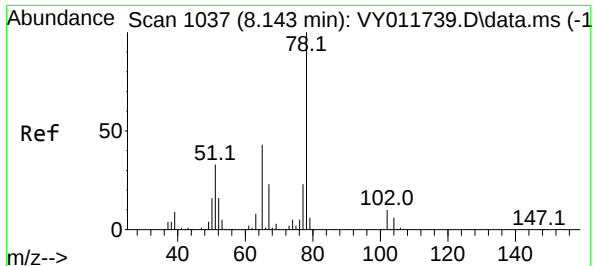
Tgt Ion:168 Resp: 311807
Ion Ratio Lower Upper
168 100
99 57.6 44.0 66.0



#20
Methylene Chloride
Concen: 9.837 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

Tgt Ion: 84 Resp: 44116
Ion Ratio Lower Upper
84 100
49 116.3 95.4 143.2
51 37.3 29.9 44.9
86 65.2 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 48.918 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011871.D

Acq: 15 Dec 2022 14:59

Instrument :

MSVOA_Y

ClientSampleId :

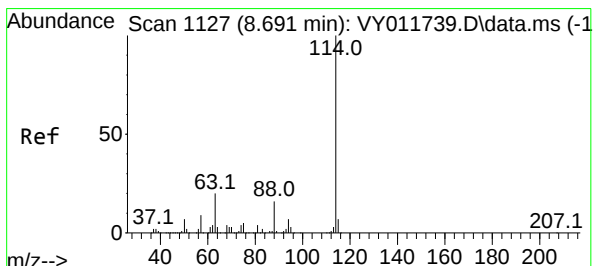
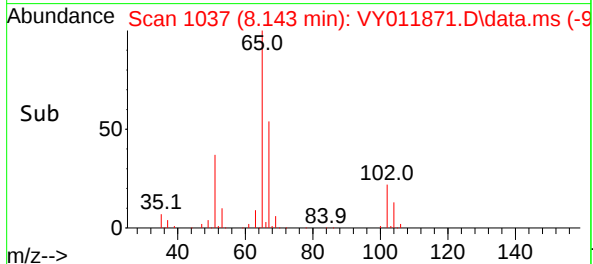
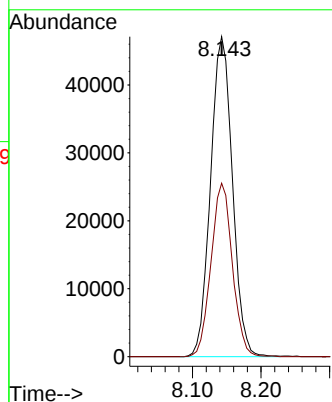
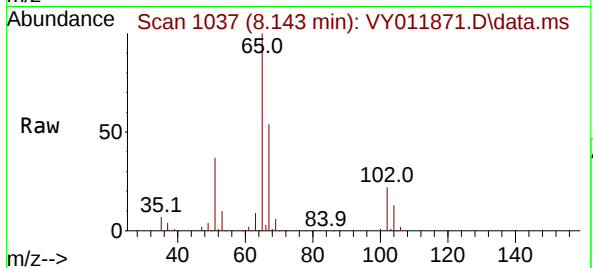
RB-37-(3-5)

Tgt Ion: 65 Resp: 104305

Ion Ratio Lower Upper

65 100

67 52.9 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: VY011871.D

Acq: 15 Dec 2022 14:59

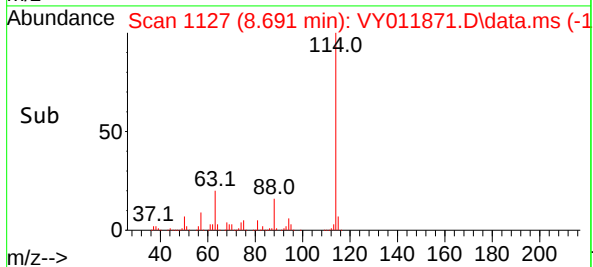
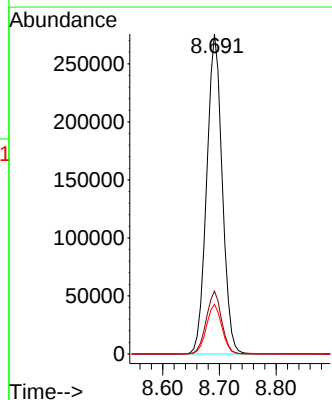
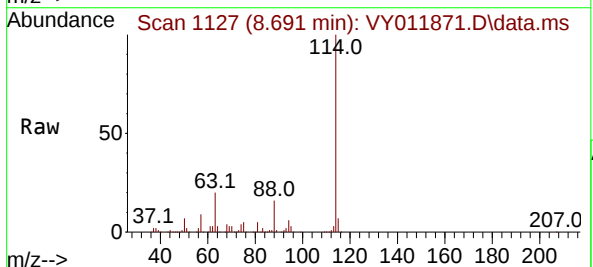
Tgt Ion: 114 Resp: 524044

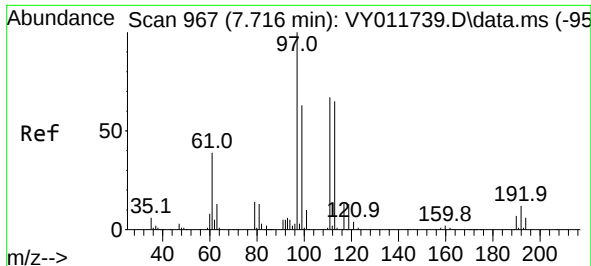
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.5 0.0 32.2

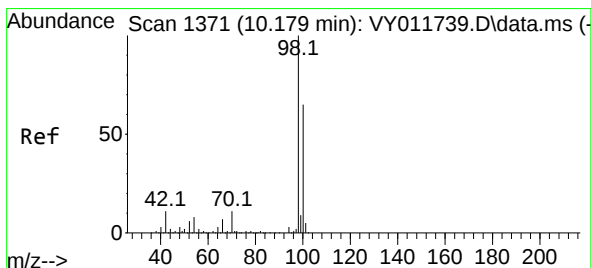
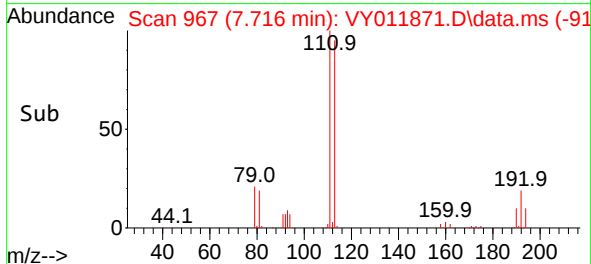
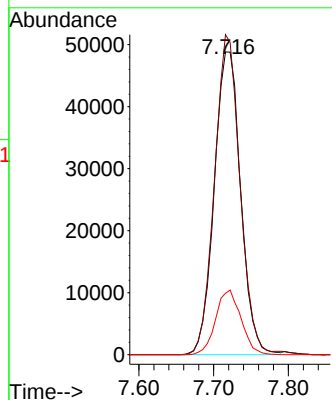
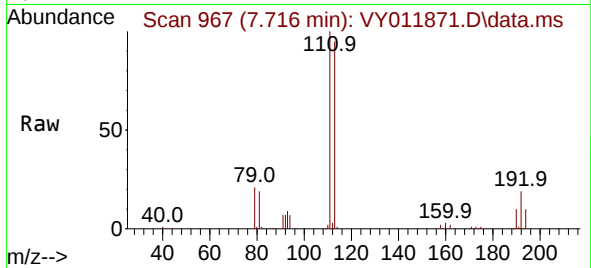




#35
Dibromofluoromethane
Concen: 51.774 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

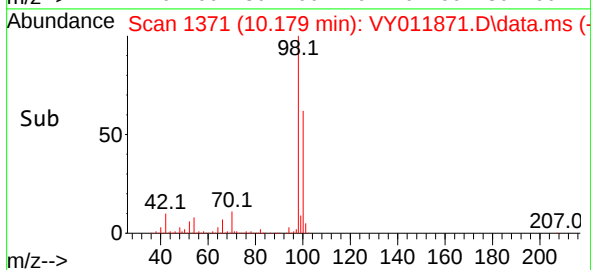
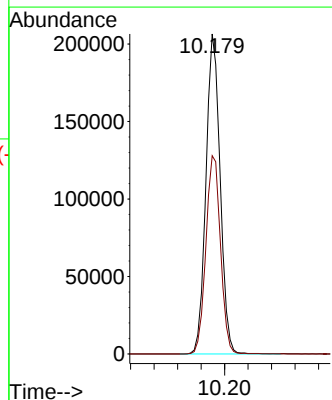
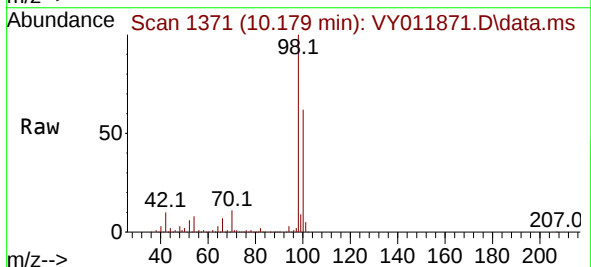
Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(3-5)

Tgt Ion:113 Resp: 120223
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 20.4 16.0 24.0



#50
Toluene-d8
Concen: 44.707 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

Tgt Ion: 98 Resp: 346638
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

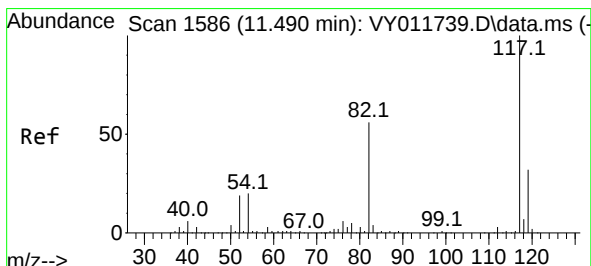
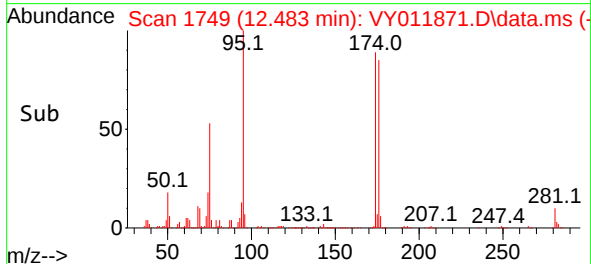
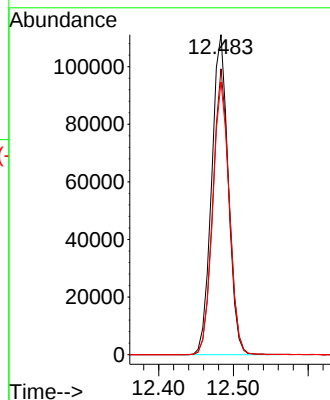
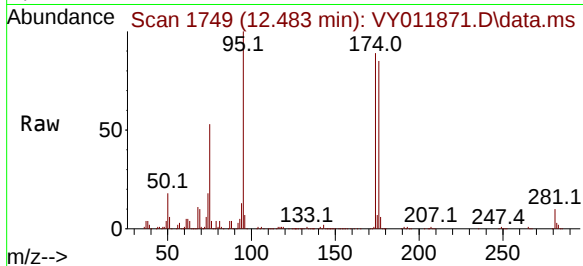




#62
4-Bromofluorobenzene
Concen: 56.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

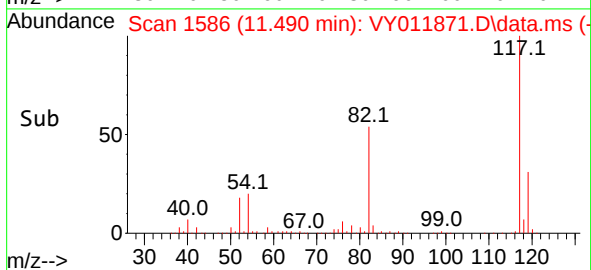
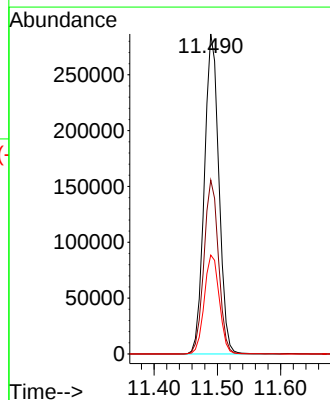
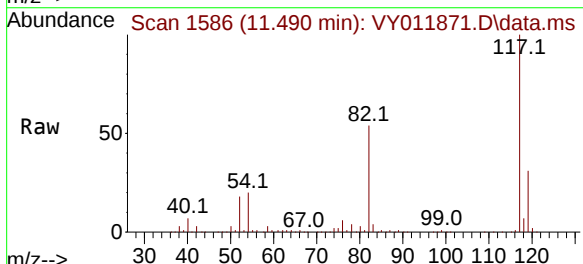
Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(3-5)

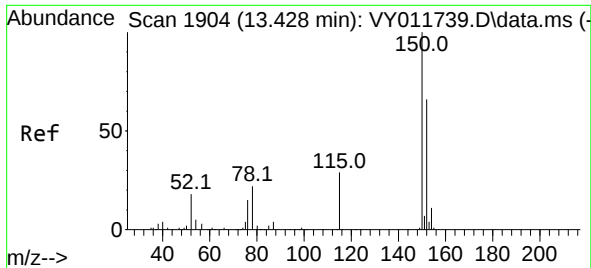
Tgt Ion: 95 Resp: 171052
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.0
176 84.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011871.D
Acq: 15 Dec 2022 14:59

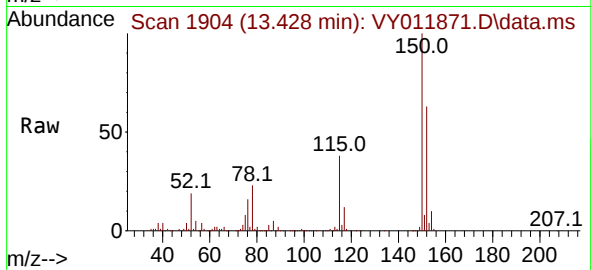
Tgt Ion: 117 Resp: 458949
Ion Ratio Lower Upper
117 100
82 54.4 44.8 67.2
119 30.9 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011871.D
 Acq: 15 Dec 2022 14:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-37-(3-5)



Tgt Ion:152 Resp: 207087
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.1 87.3
 150 159.0 0.0 342.6

