

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011843.D
 Acq On : 14 Dec 2022 14:26
 Operator : KP/MD
 Sample : N6037-12RE
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-23-(0.5-2.5)RE

Quant Time: Dec 15 01:20:09 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)

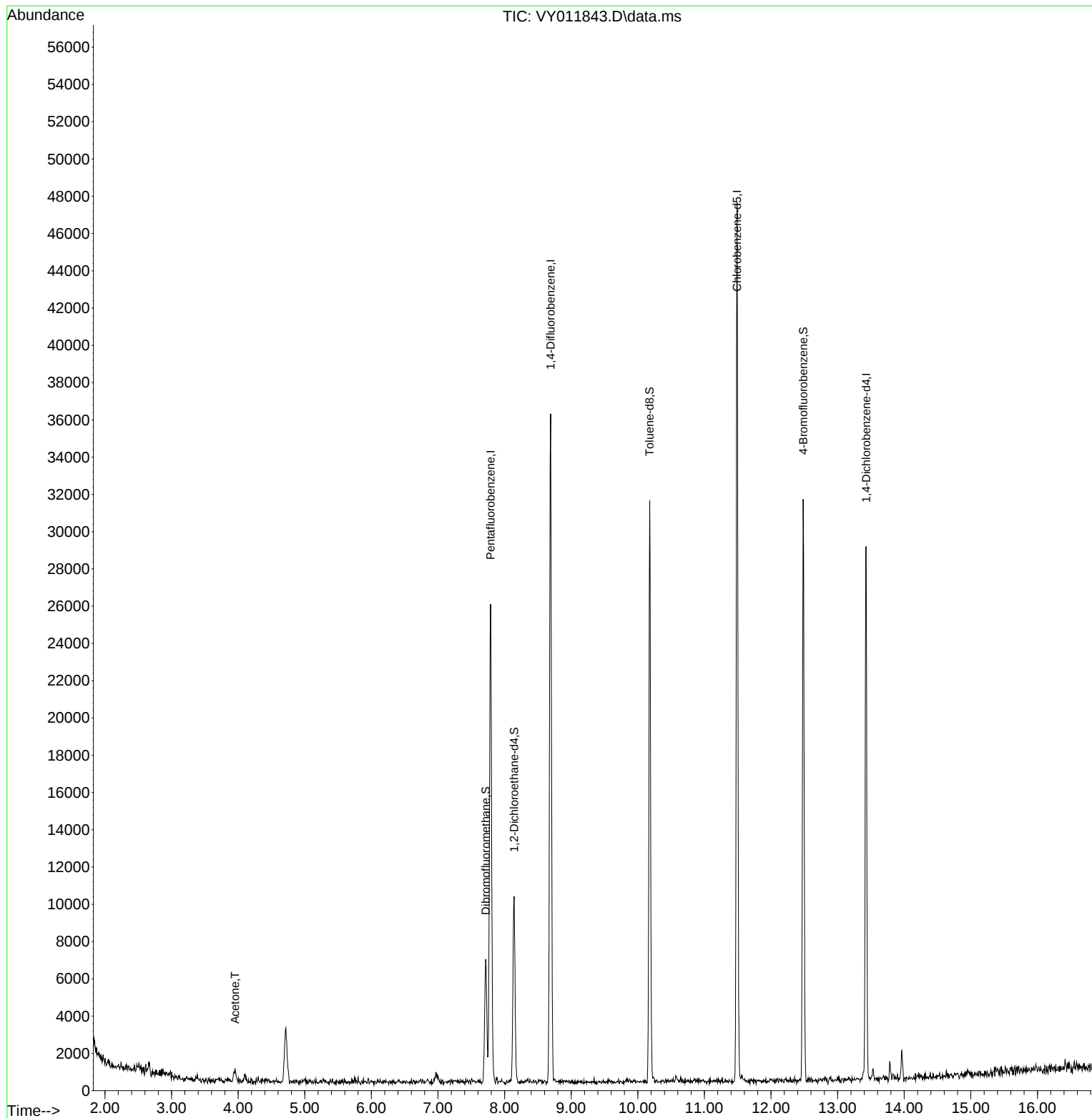
Internal Standards						
1) Pentafluorobenzene	7.789	168	20630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	31881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	26667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7954	57.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.380%
35) Dibromofluoromethane	7.716	113	4901	33.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.600%
50) Toluene-d8	10.179	98	21581	45.931	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.860%
62) 4-Bromofluorobenzene	12.483	95	8098	43.189	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.380%
Target Compounds						
16) Acetone	3.954	43	1054	18.711	ug/l	Qvalue 90

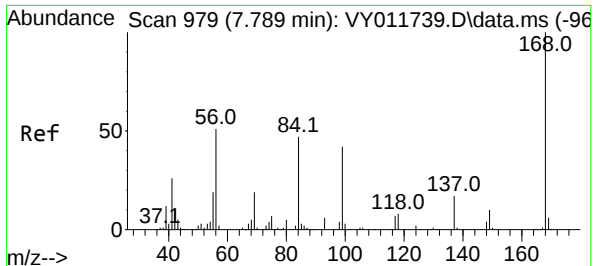
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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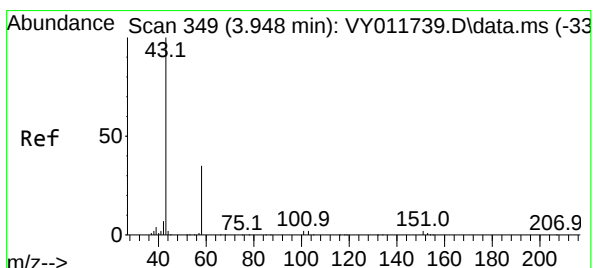
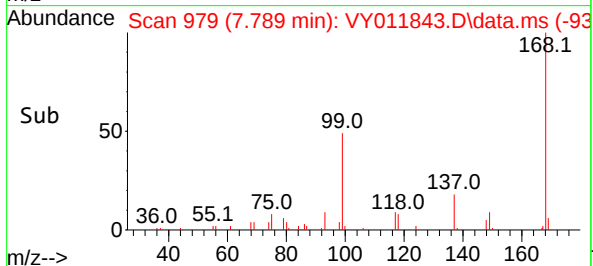
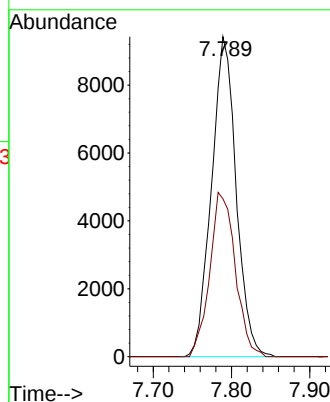
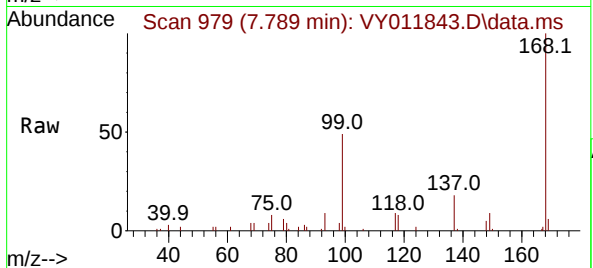




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

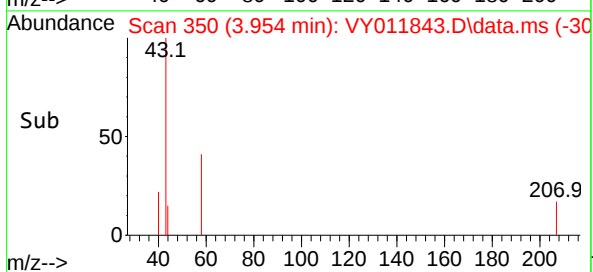
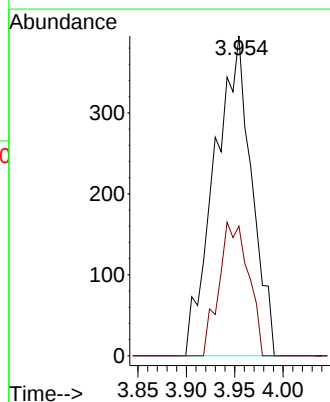
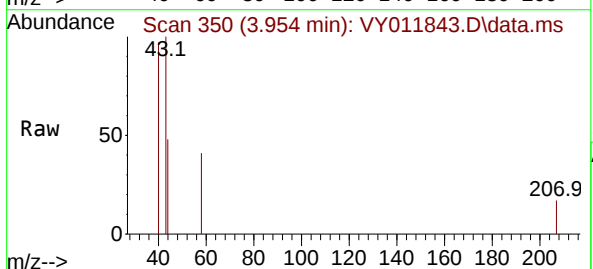
Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(0.5-2.5)RE

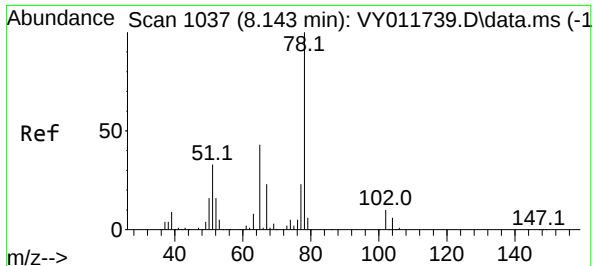
Tgt Ion:168 Resp: 20630
Ion Ratio Lower Upper
168 100
99 49.3 44.0 66.0



#16
Acetone
Concen: 18.711 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 40.5 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 57.190 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011843.D

Acq: 14 Dec 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

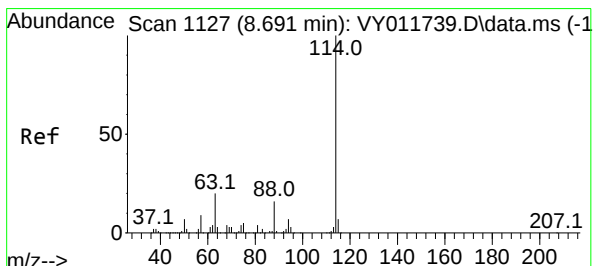
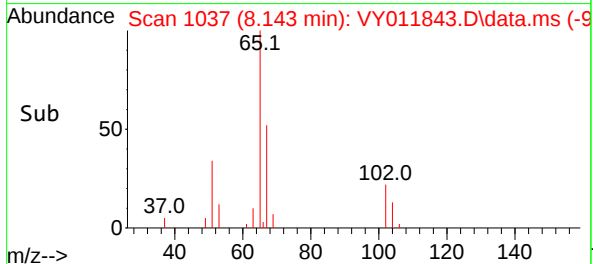
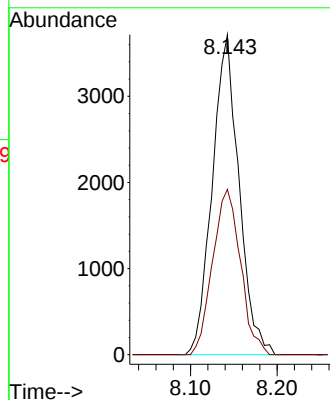
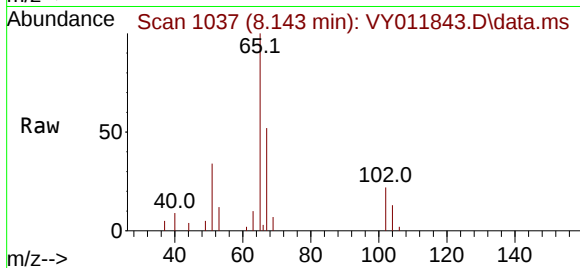
RB-23-(0.5-2.5)RE

Tgt Ion: 65 Resp: 7954

Ion Ratio Lower Upper

65 100

67 53.9 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: VY011843.D

Acq: 14 Dec 2022 14:26

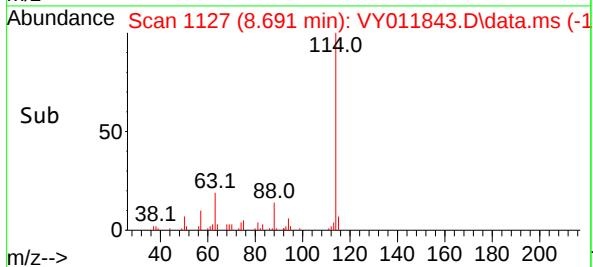
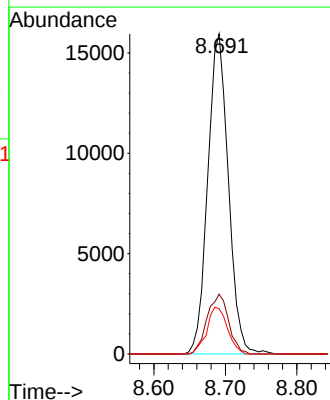
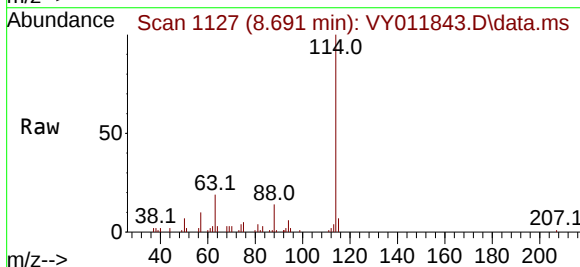
Tgt Ion: 114 Resp: 31881

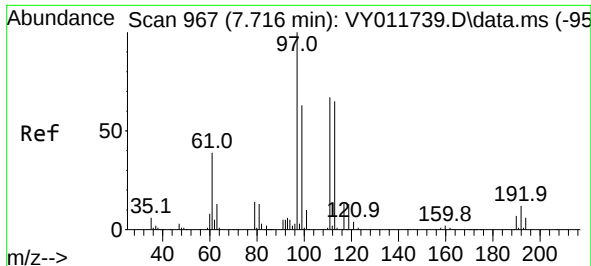
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 14.1 0.0 32.2

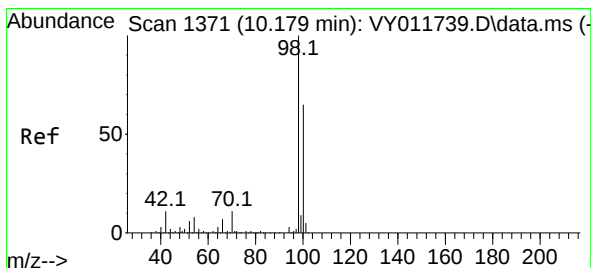
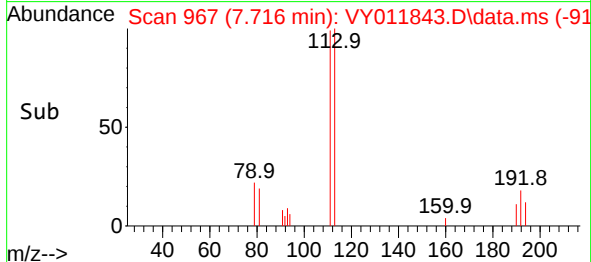
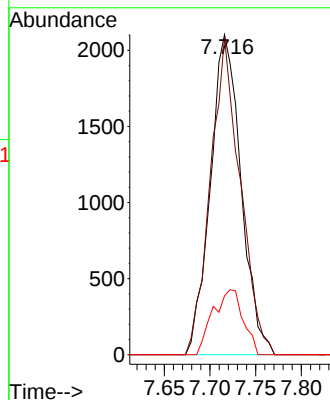
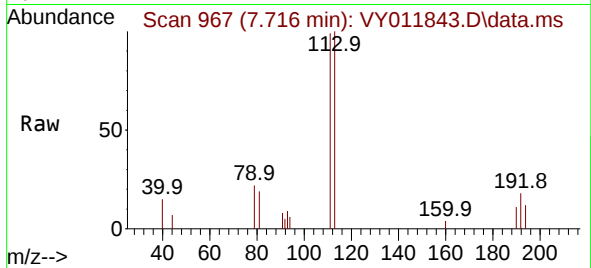




#35
Dibromofluoromethane
Concen: 33.302 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

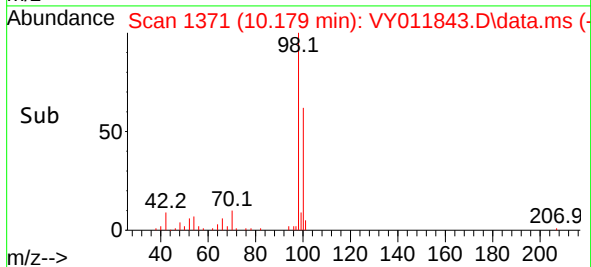
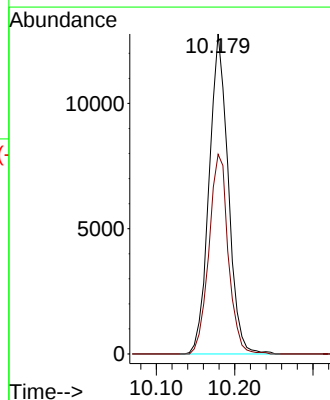
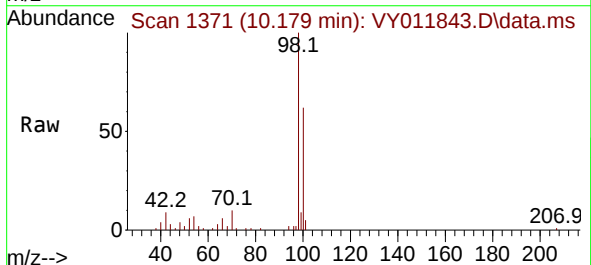
Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(0.5-2.5)RE

Tgt Ion:113 Resp: 4901
Ion Ratio Lower Upper
113 100
111 96.4 83.0 124.4
192 20.0 16.0 24.0



#50
Toluene-d8
Concen: 45.931 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

Tgt Ion: 98 Resp: 21581
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9

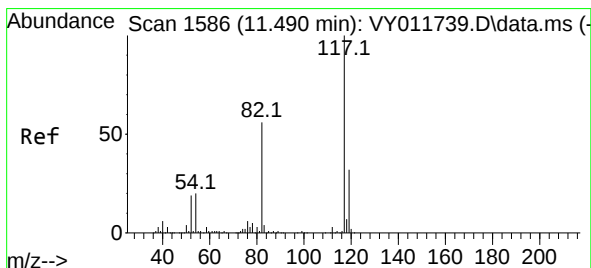
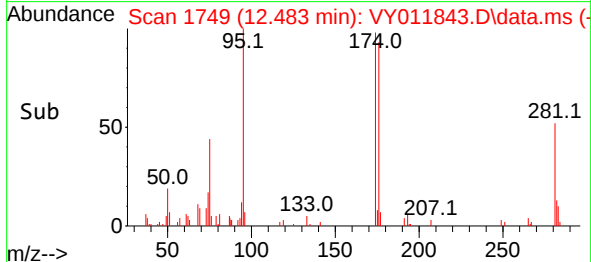
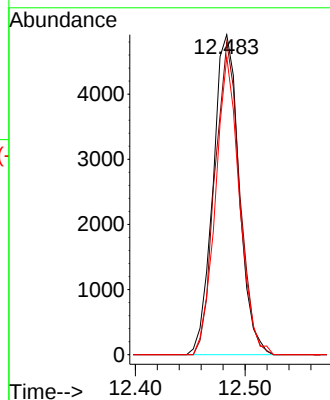
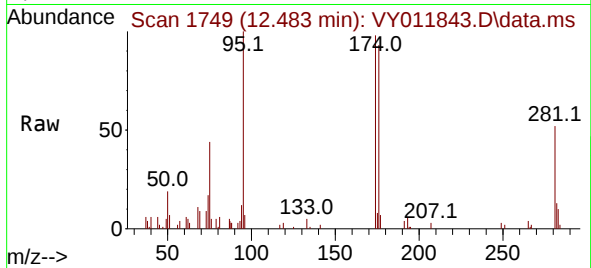




#62
4-Bromofluorobenzene
Concen: 43.189 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

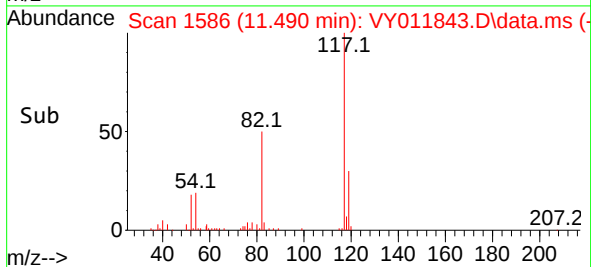
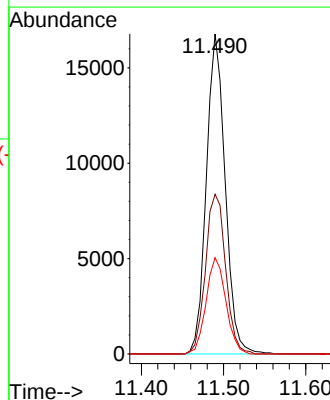
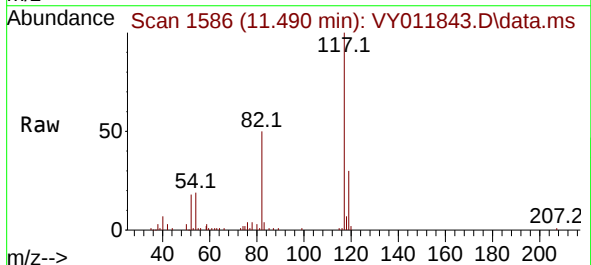
Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(0.5-2.5)RE

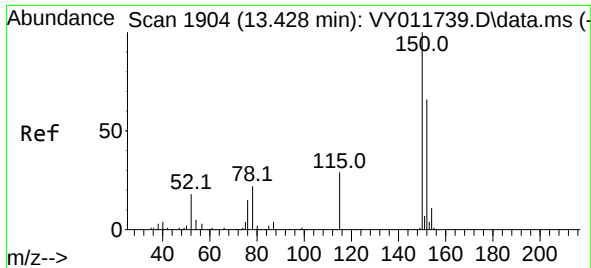
Tgt Ion: 95 Resp: 8098
Ion Ratio Lower Upper
95 100
174 92.8 0.0 172.0
176 86.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011843.D
Acq: 14 Dec 2022 14:26

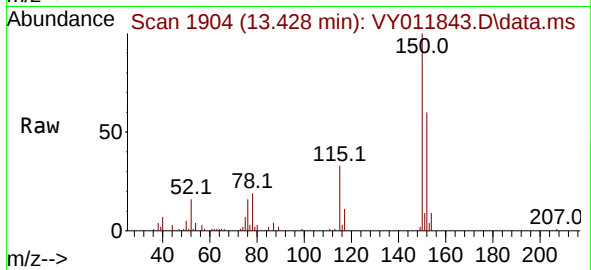
Tgt Ion: 117 Resp: 26667
Ion Ratio Lower Upper
117 100
82 49.9 44.8 67.2
119 30.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011843.D
 Acq: 14 Dec 2022 14:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-23-(0.5-2.5)RE



Tgt Ion:	152	Resp:	8276
Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.1	87.3
150	161.6	0.0	342.6

