

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011931.D
 Acq On : 20 Dec 2022 18:44
 Operator : KP/MD
 Sample : N6038-19
 Misc : 4.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-38-(3-5)

Quant Time: Dec 21 00:10:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

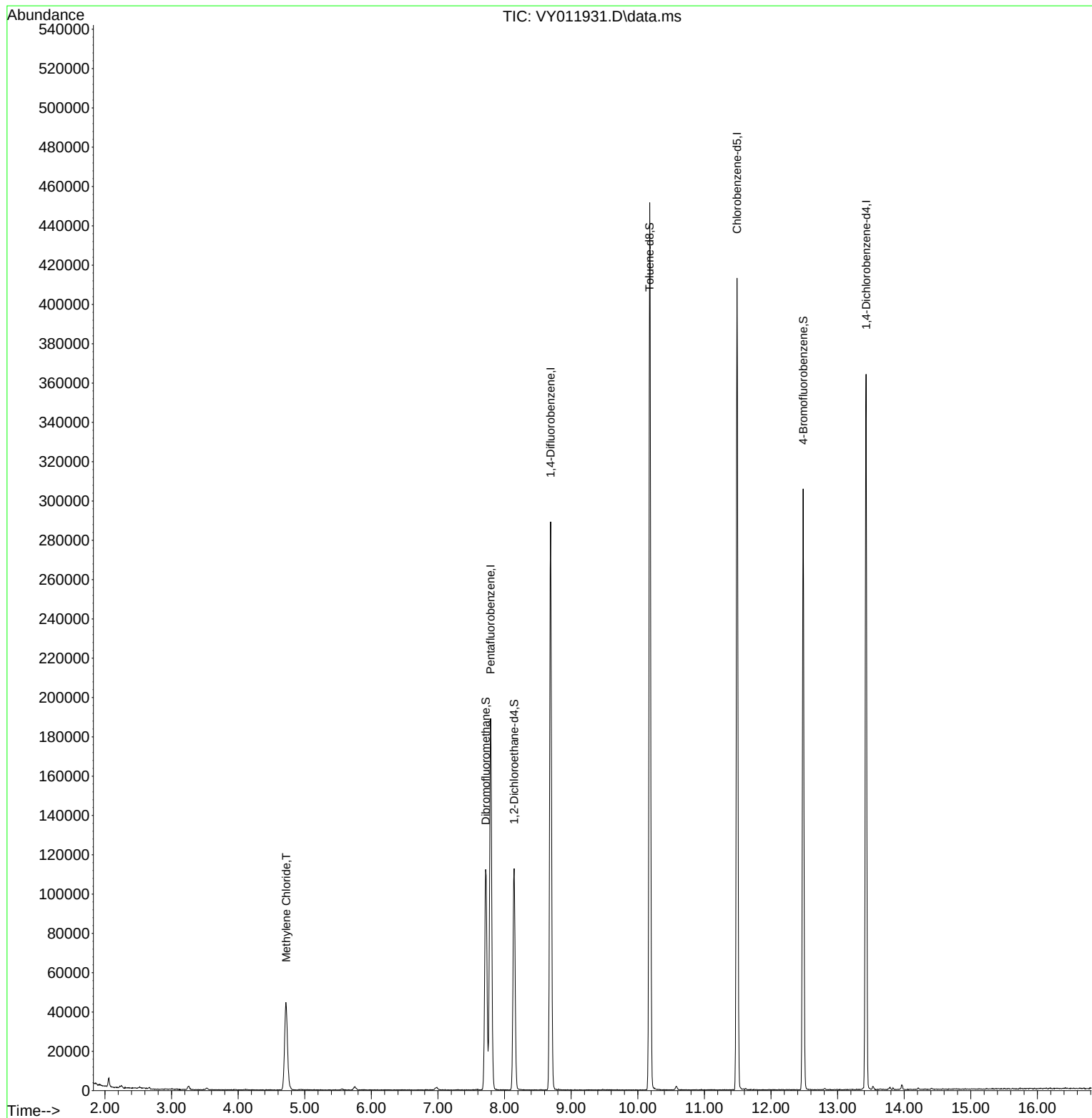
Internal Standards						
1) Pentafluorobenzene	7.789	168	146372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92017	62.399	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	124.800%	
35) Dibromofluoromethane	7.716	113	80167	53.599	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	107.200%	
50) Toluene-d8	10.179	98	297370	49.004	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	98.000%	
62) 4-Bromofluorobenzene	12.483	95	88120	43.177	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	86.360%	
Target Compounds						
20) Methylene Chloride	4.723	84	34791	16.462	ug/l	Qvalue 94

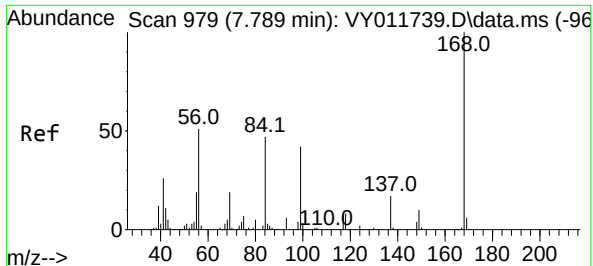
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
Data File : VY011931.D
Acq On : 20 Dec 2022 18:44
Operator : KP/MD
Sample : N6038-19
Misc : 4.37g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(3-5)

Quant Time: Dec 21 00:10:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

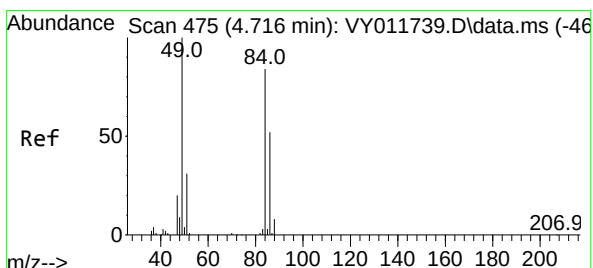
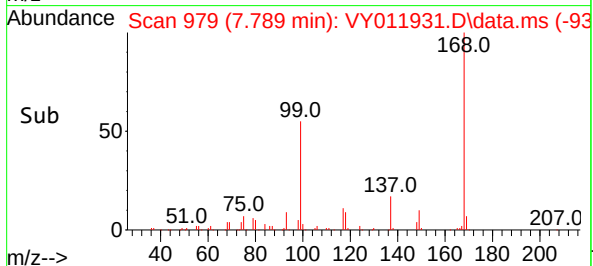
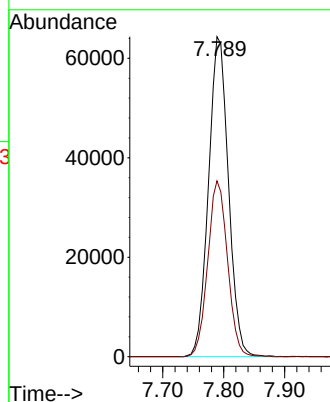
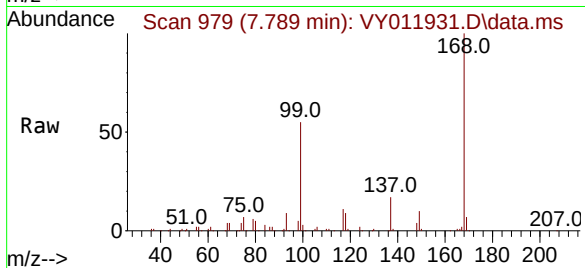




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011931.D
Acq: 20 Dec 2022 18:44

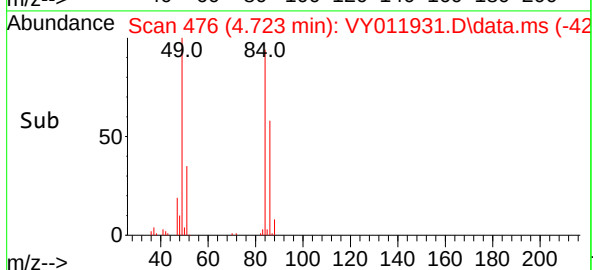
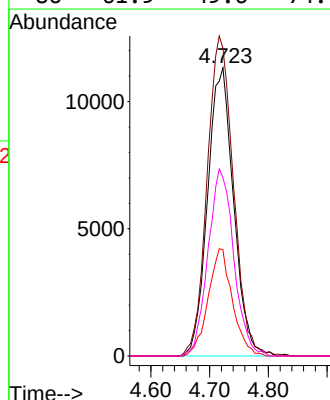
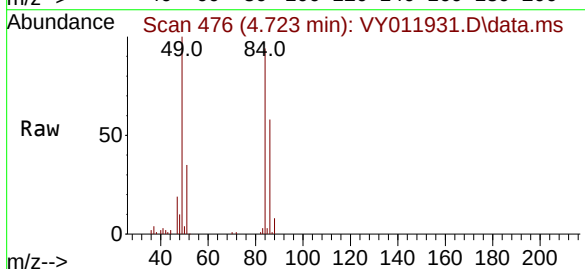
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(3-5)

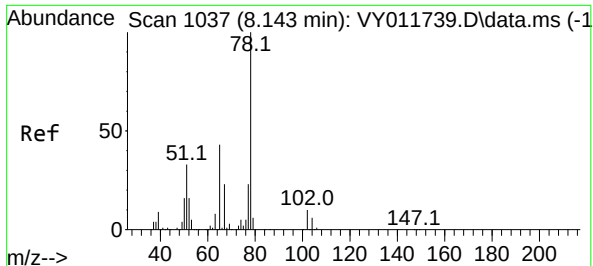
Tgt Ion:168 Resp: 146372
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#20
Methylene Chloride
Concen: 16.462 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY011931.D
Acq: 20 Dec 2022 18:44

Tgt Ion: 84 Resp: 34791
Ion Ratio Lower Upper
84 100
49 106.8 95.4 143.2
51 36.9 29.9 44.9
86 61.9 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 62.399 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY011931.D

Acq: 20 Dec 2022 18:44

Instrument :

MSVOA_Y

ClientSampleId :

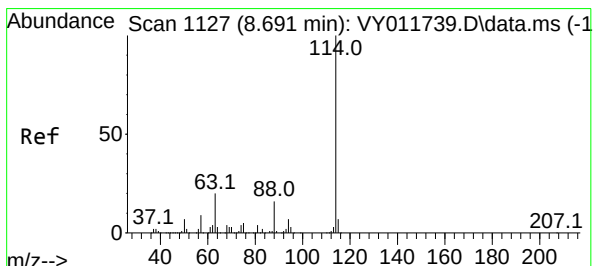
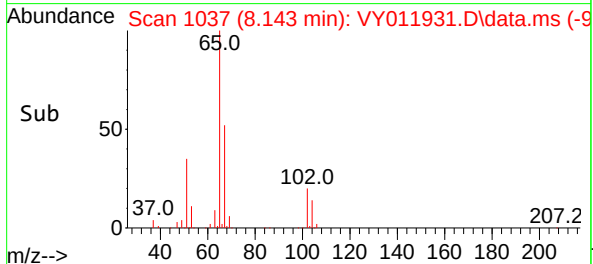
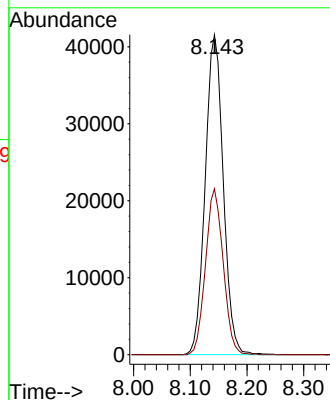
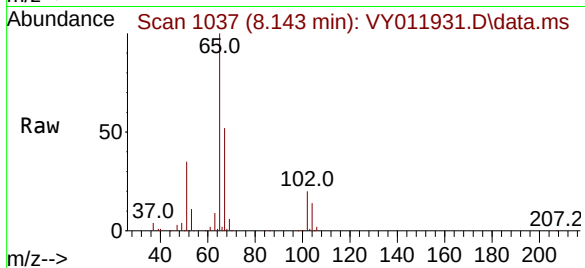
RB-38-(3-5)

Tgt Ion: 65 Resp: 92017

Ion Ratio Lower Upper

65 100

67 50.7 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: VY011931.D

Acq: 20 Dec 2022 18:44

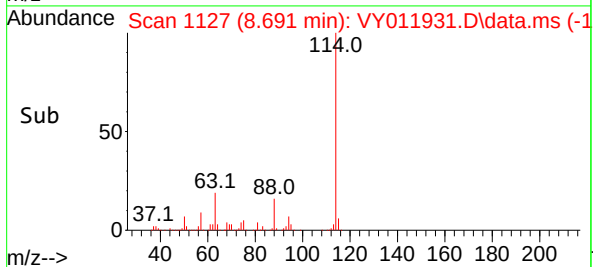
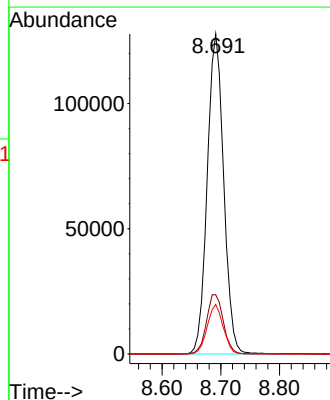
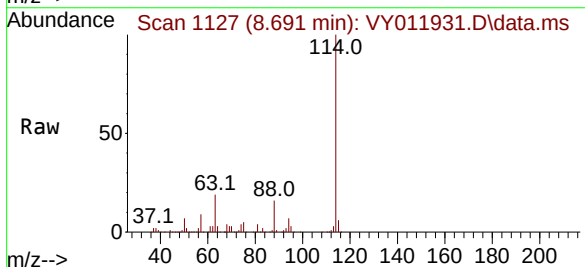
Tgt Ion:114 Resp: 248440

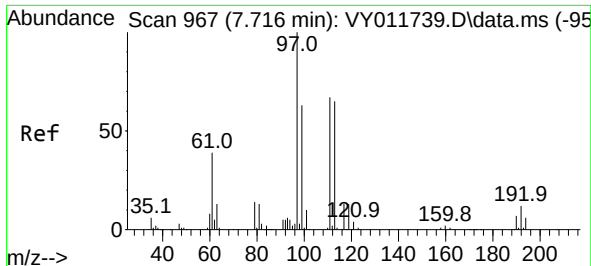
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.5 0.0 32.2

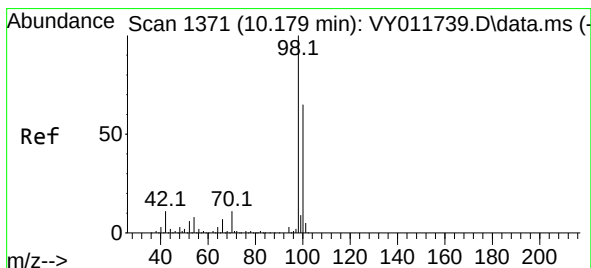
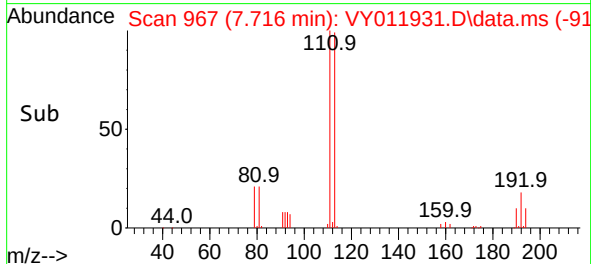
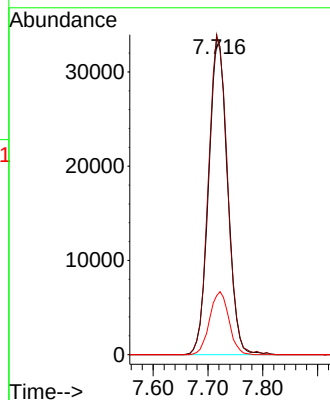
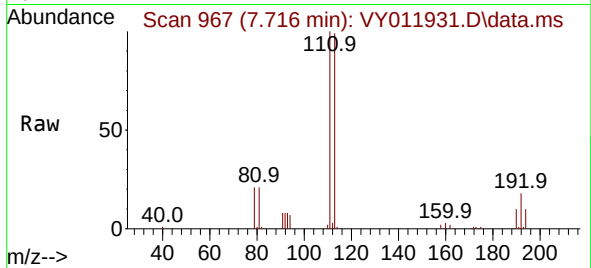




#35
Dibromofluoromethane
Concen: 53.599 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011931.D
Acq: 20 Dec 2022 18:44

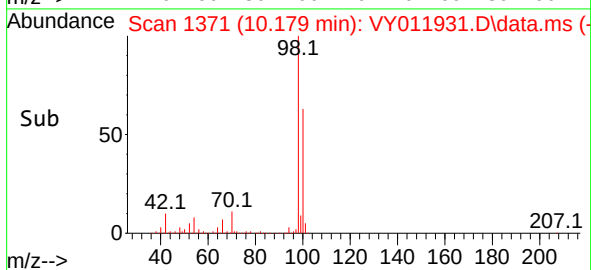
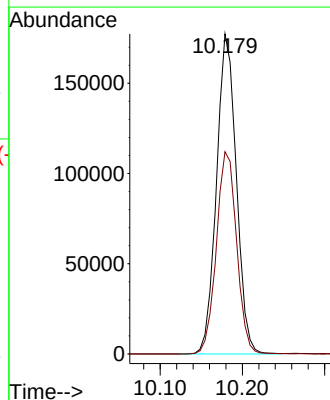
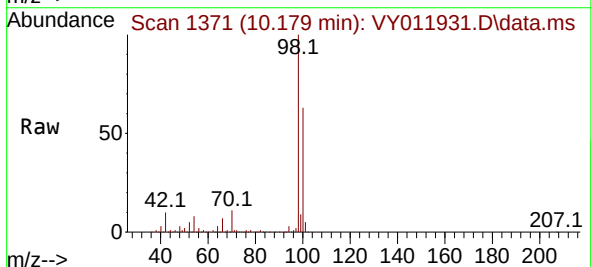
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(3-5)

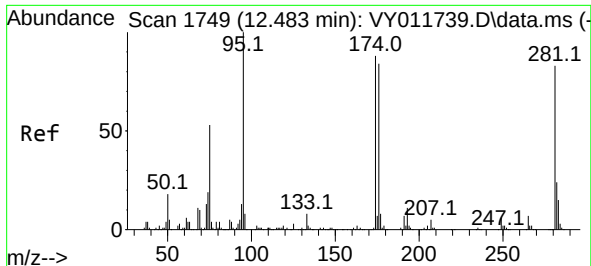
Tgt Ion:113 Resp: 80167
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.4
192 20.2 16.0 24.0



#50
Toluene-d8
Concen: 49.004 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011931.D
Acq: 20 Dec 2022 18:44

Tgt Ion: 98 Resp: 297370
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

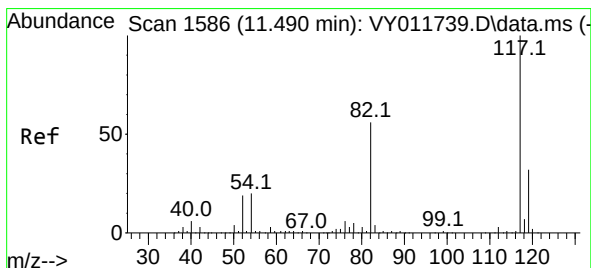
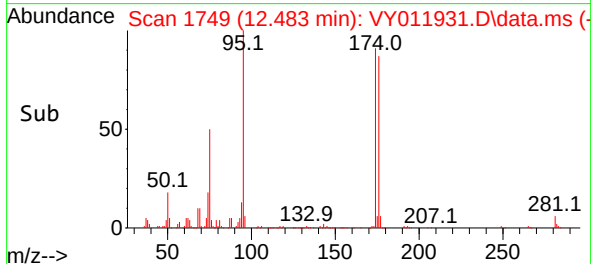
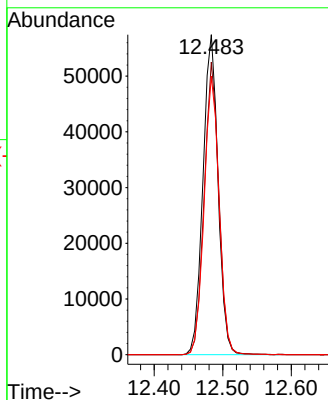
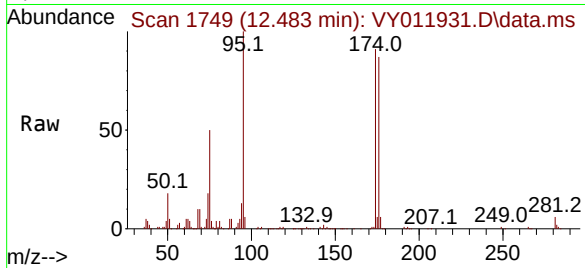




#62
4-Bromofluorobenzene
Concen: 43.177 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011931.D
Acq: 20 Dec 2022 18:44

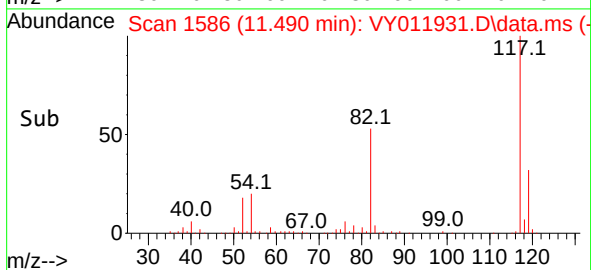
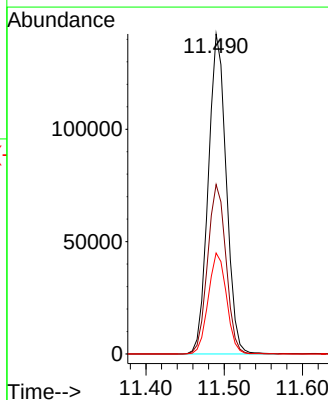
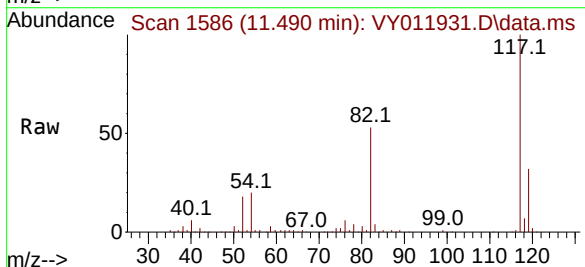
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(3-5)

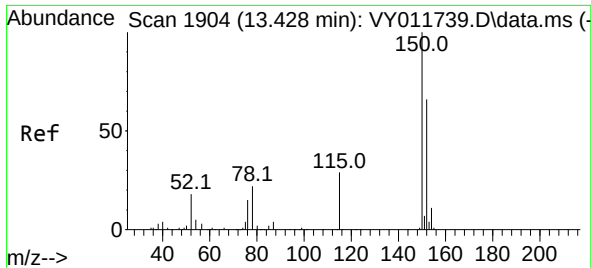
Tgt Ion: 95 Resp: 88120
Ion Ratio Lower Upper
95 100
174 89.6 0.0 172.0
176 86.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY011931.D
Acq: 20 Dec 2022 18:44

Tgt Ion: 117 Resp: 227163
Ion Ratio Lower Upper
117 100
82 53.0 44.8 67.2
119 31.5 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: VY011931.D
 Acq: 20 Dec 2022 18:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-38-(3-5)

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.1	87.3
150	156.0	0.0	342.6

