

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011883.D
 Acq On : 15 Dec 2022 19:31
 Operator : KP/MD
 Sample : N6038-10
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-33-(5-7)

Quant Time: Dec 16 00:16:20 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)

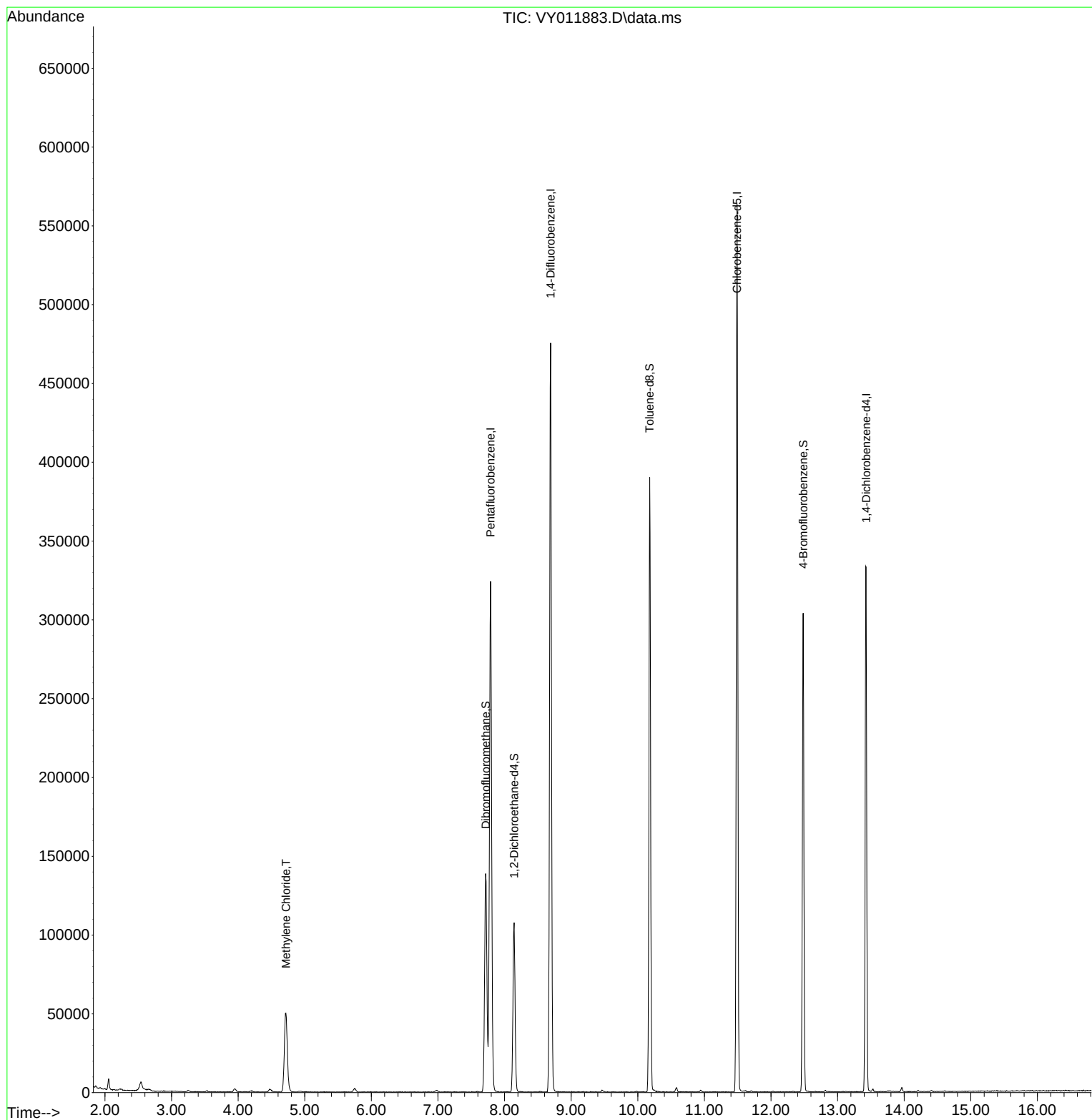
Internal Standards						
1) Pentafluorobenzene	7.789	168	253049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	405554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	301714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	84867	49.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.120%
35) Dibromofluoromethane	7.716	113	98712	55.187	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.380%
50) Toluene-d8	10.179	98	255078	42.134	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.260%
62) 4-Bromofluorobenzene	12.483	95	88413	36.355	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.720%
Target Compounds						
20) Methylene Chloride	4.716	84	39065	11.340	ug/l	Qvalue 95

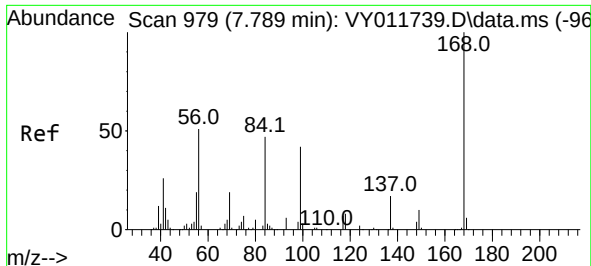
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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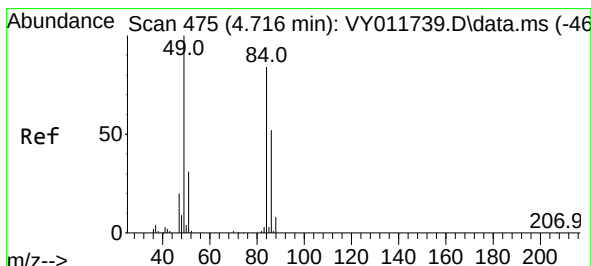
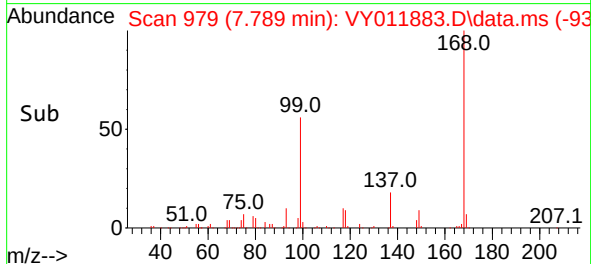
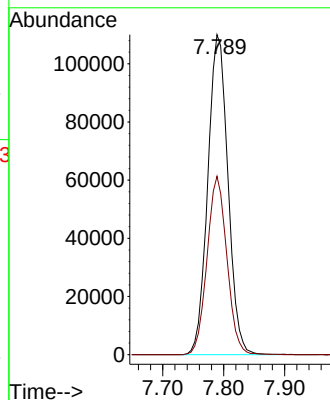
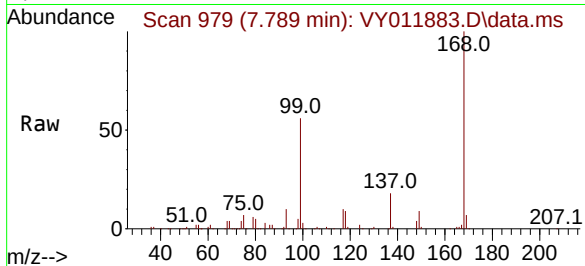




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011883.D
Acq: 15 Dec 2022 19:31

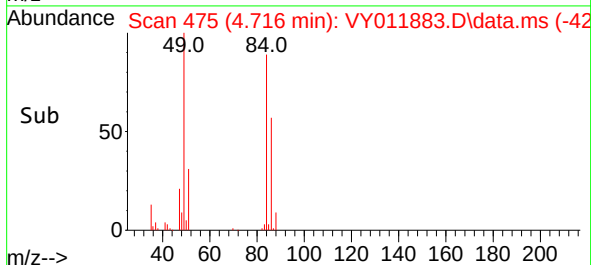
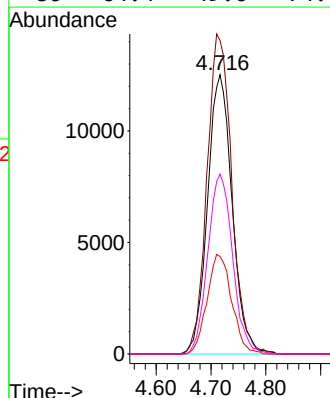
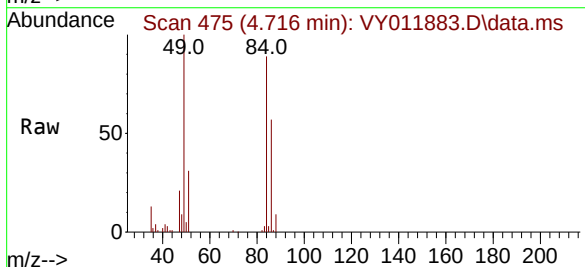
Instrument :
MSVOA_Y
ClientSampleId :
RB-33-(5-7)

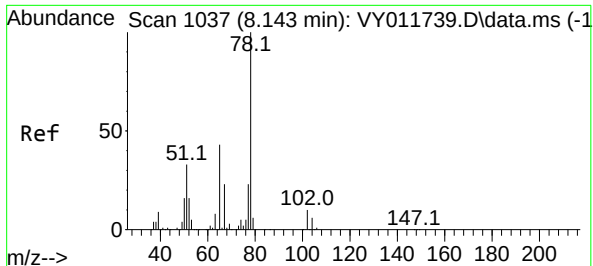
Tgt Ion:168 Resp: 253049
Ion Ratio Lower Upper
168 100
99 55.7 44.0 66.0



#20
Methylene Chloride
Concen: 11.340 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011883.D
Acq: 15 Dec 2022 19:31

Tgt Ion: 84 Resp: 39065
Ion Ratio Lower Upper
84 100
49 112.3 95.4 143.2
51 34.9 29.9 44.9
86 64.4 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 49.058 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011883.D

Acq: 15 Dec 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

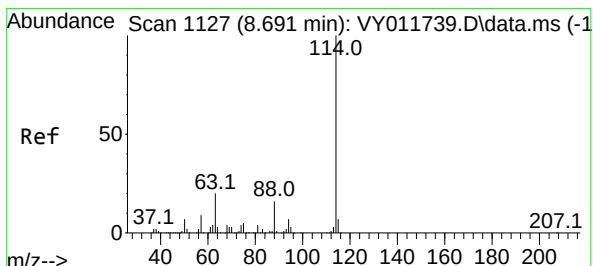
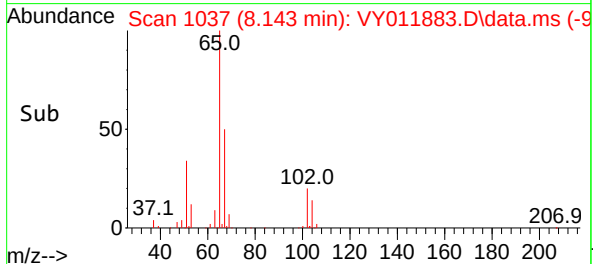
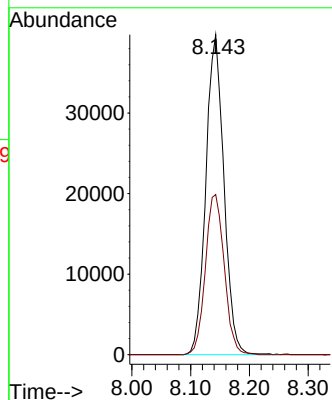
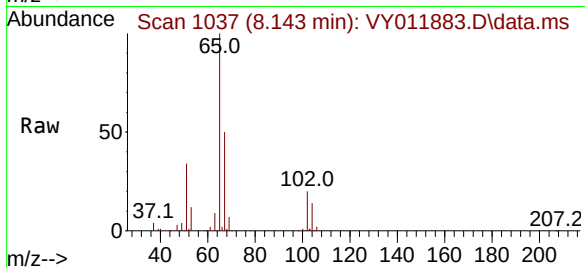
RB-33-(5-7)

Tgt Ion: 65 Resp: 84867

Ion Ratio Lower Upper

65 100

67 52.2 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: VY011883.D

Acq: 15 Dec 2022 19:31

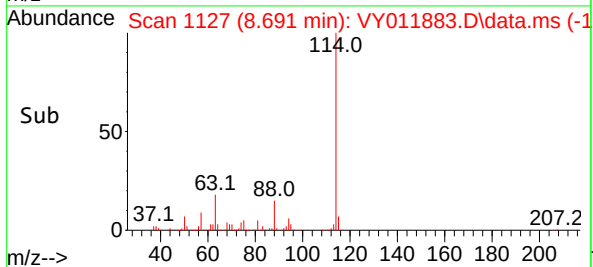
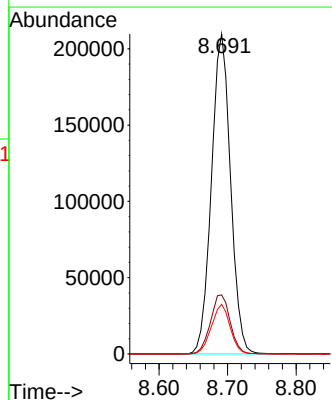
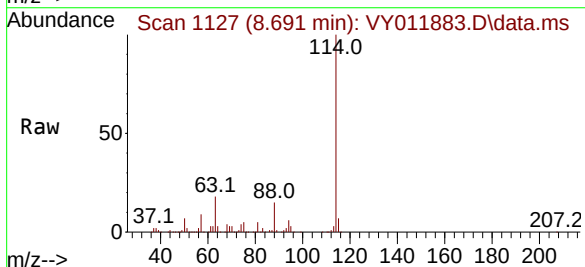
Tgt Ion: 114 Resp: 405554

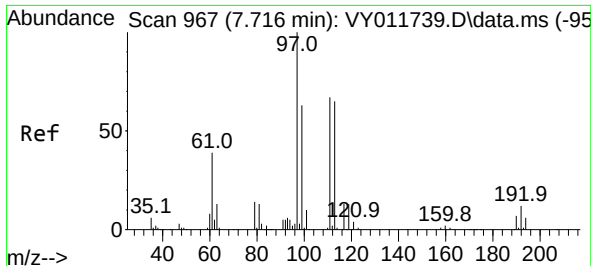
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.5 0.0 32.2

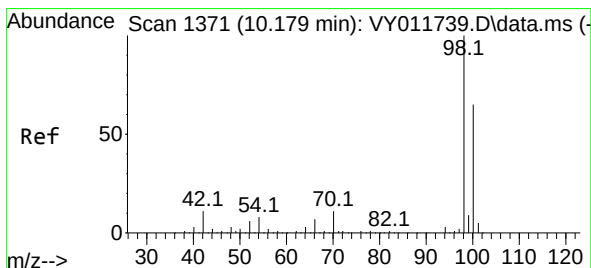
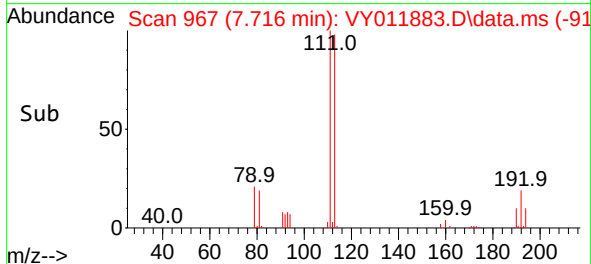
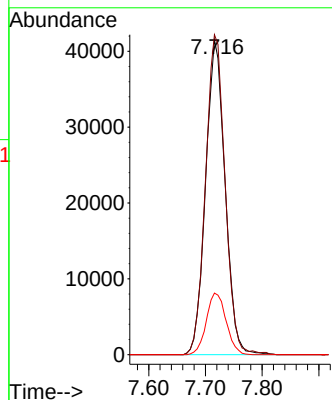
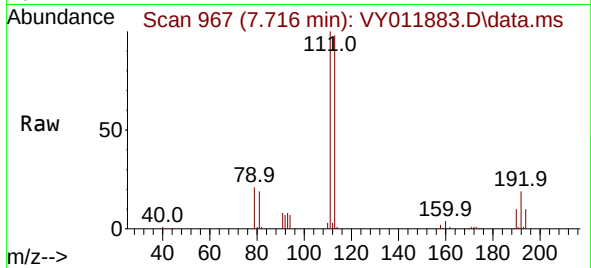




#35
Dibromofluoromethane
Concen: 55.187 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011883.D
Acq: 15 Dec 2022 19:31

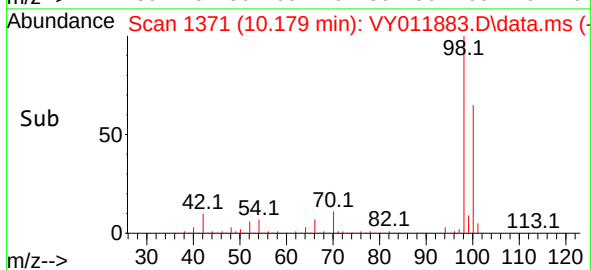
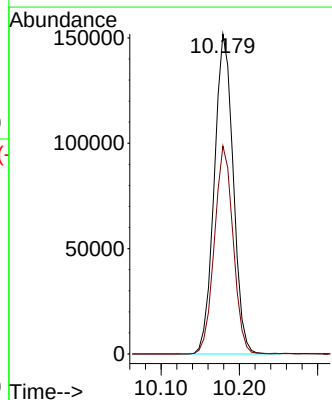
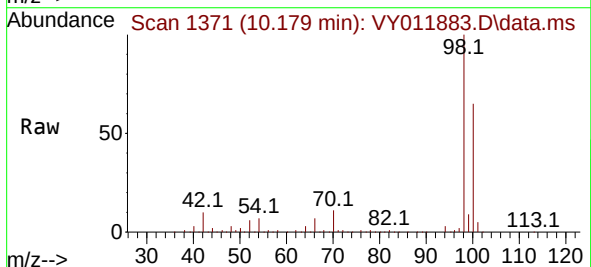
Instrument :
MSVOA_Y
ClientSampleId :
RB-33-(5-7)

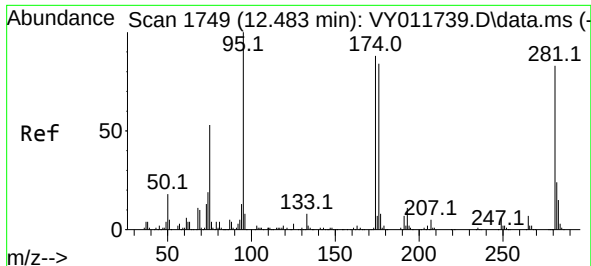
Tgt Ion:113 Resp: 98712
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 19.9 16.0 24.0



#50
Toluene-d8
Concen: 42.134 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011883.D
Acq: 15 Dec 2022 19:31

Tgt Ion: 98 Resp: 255078
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

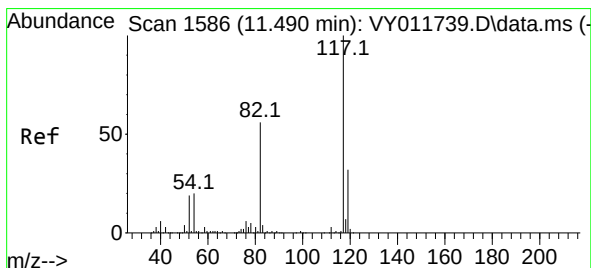
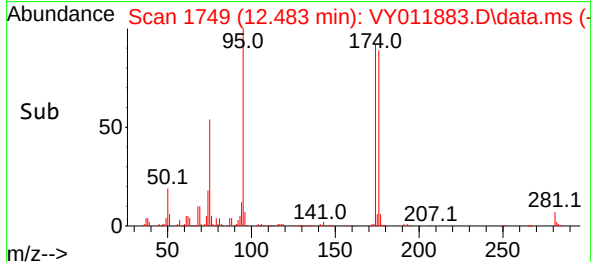
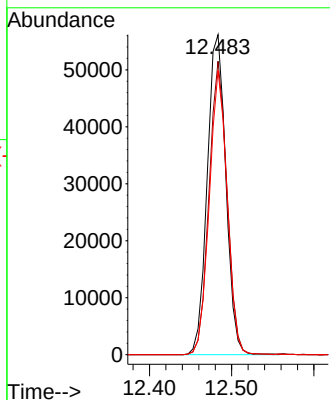
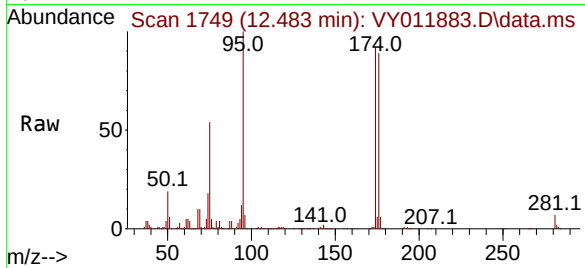




#62
4-Bromofluorobenzene
Concen: 36.355 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011883.D
Acq: 15 Dec 2022 19:31

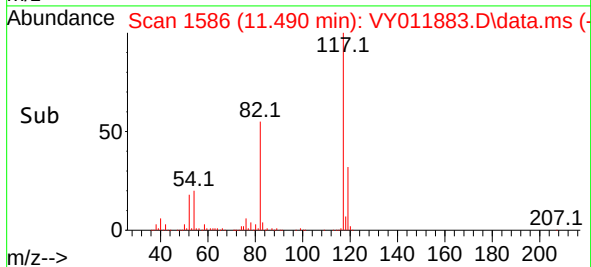
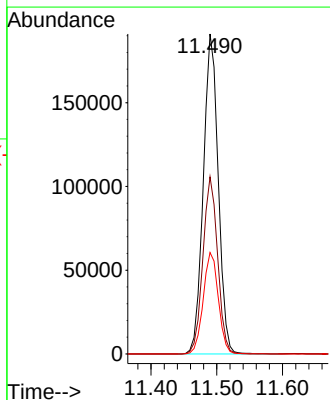
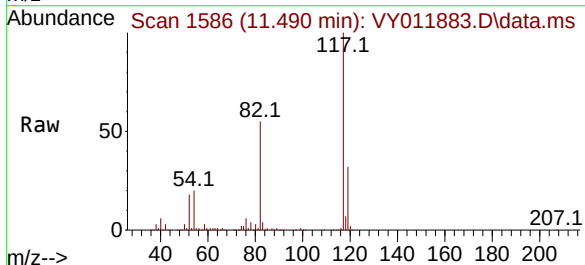
Instrument :
MSVOA_Y
ClientSampleId :
RB-33-(5-7)

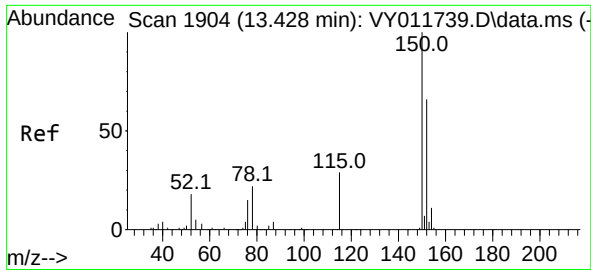
Tgt Ion: 95 Resp: 88413
Ion Ratio Lower Upper
95 100
174 88.9 0.0 172.0
176 85.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY011883.D
Acq: 15 Dec 2022 19:31

Tgt Ion: 117 Resp: 301714
Ion Ratio Lower Upper
117 100
82 55.4 44.8 67.2
119 31.7 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: VY011883.D

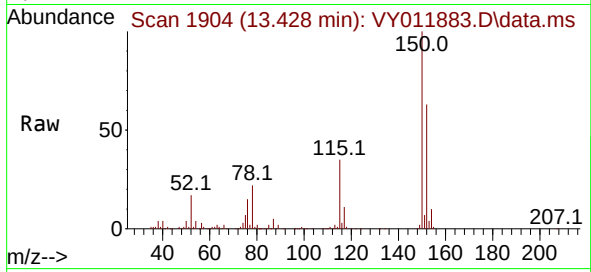
Acq: 15 Dec 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

RB-33-(5-7)



Tgt Ion:152 Resp: 90499

Ion Ratio Lower Upper

152 100

115 56.2 29.1 87.3

150 155.2 0.0 342.6

