

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011880.D
 Acq On : 15 Dec 2022 18:23
 Operator : KP/MD
 Sample : N6038-26
 Misc : 4.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-42-(0-2)

Quant Time: Dec 16 00:15:54 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)

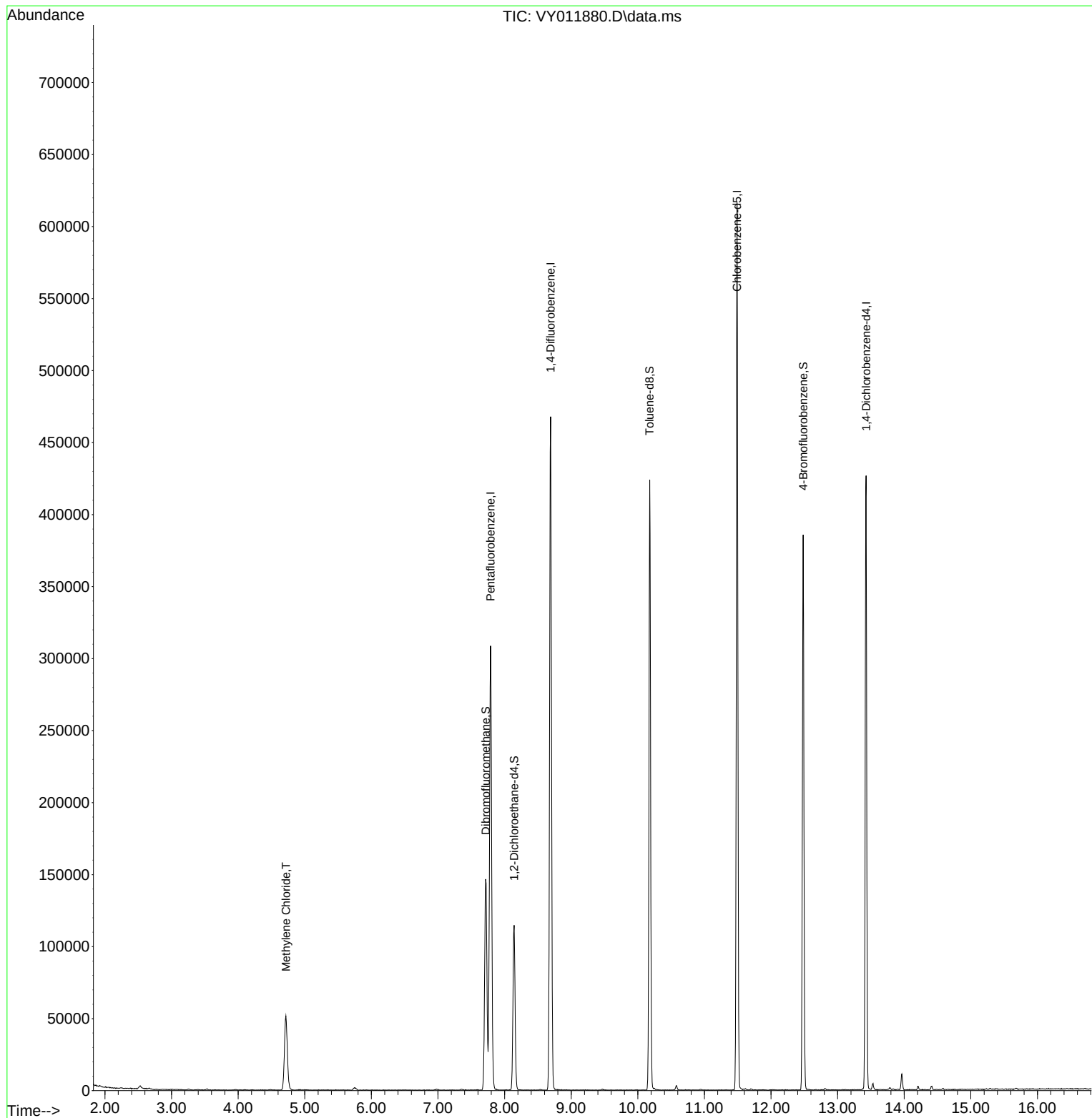
Internal Standards						
1) Pentafluorobenzene	7.789	168	240856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	406962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	325261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	91663	56.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.760%
35) Dibromofluoromethane	7.716	113	104531	58.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.940%
50) Toluene-d8	10.179	98	276639	46.156	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.483	95	109241	45.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.860%
Target Compounds						
20) Methylene Chloride	4.716	84	39381	12.404	ug/l	Qvalue 99

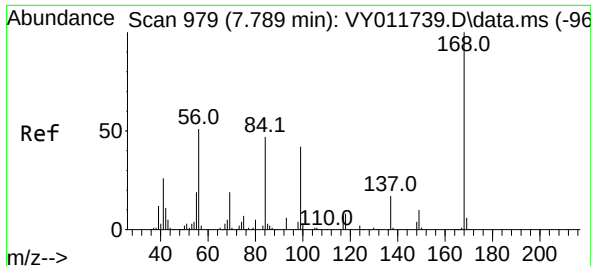
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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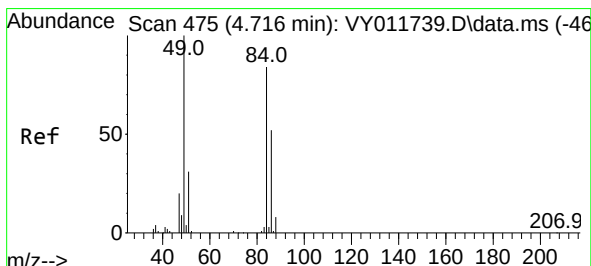
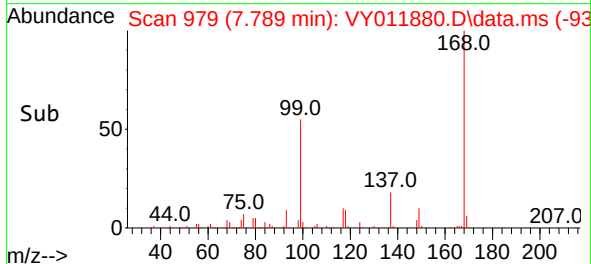
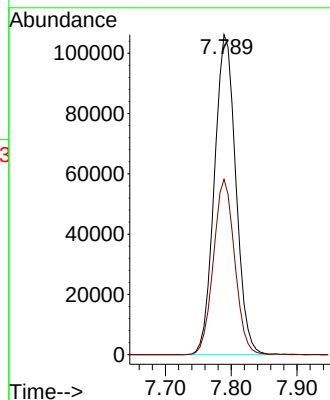
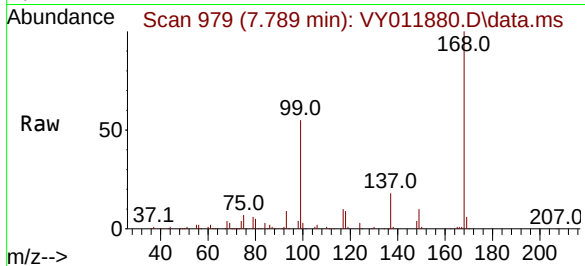




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011880.D
Acq: 15 Dec 2022 18:23

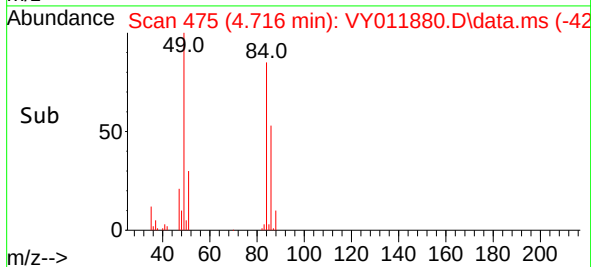
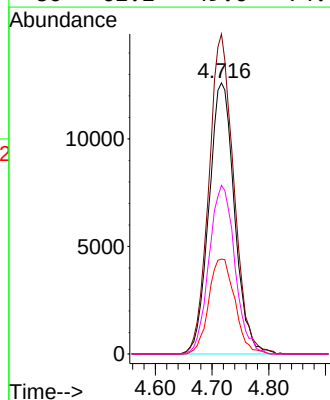
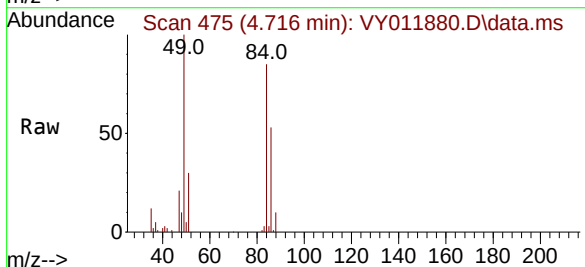
Instrument :
MSVOA_Y
ClientSampleId :
RB-42-(0-2)

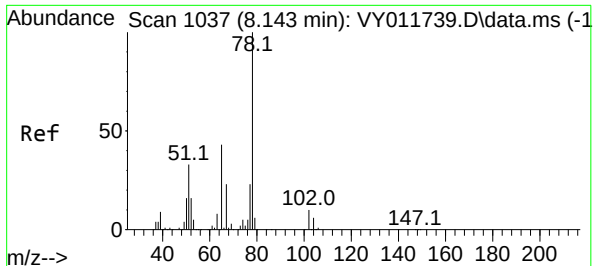
Tgt Ion:168 Resp: 240856
Ion Ratio Lower Upper
168 100
99 54.8 44.0 66.0



#20
Methylene Chloride
Concen: 12.404 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011880.D
Acq: 15 Dec 2022 18:23

Tgt Ion: 84 Resp: 39381
Ion Ratio Lower Upper
84 100
49 118.0 95.4 143.2
51 35.0 29.9 44.9
86 62.2 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 56.383 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY011880.D

Acq: 15 Dec 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

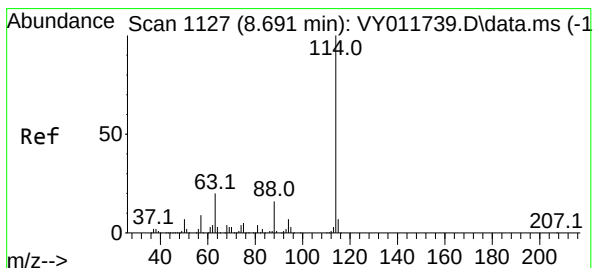
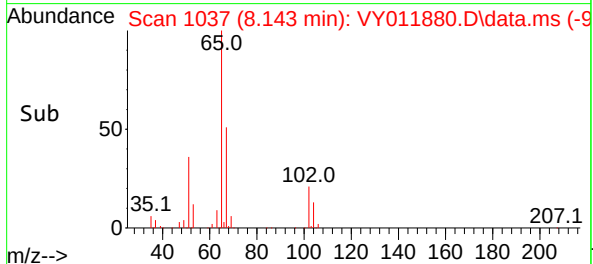
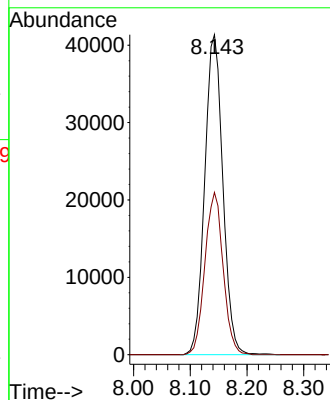
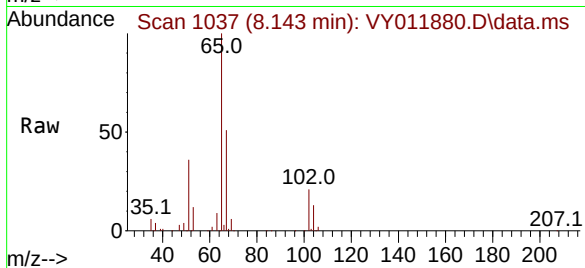
RB-42-(0-2)

Tgt Ion: 65 Resp: 91663

Ion Ratio Lower Upper

65 100

67 51.0 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: VY011880.D

Acq: 15 Dec 2022 18:23

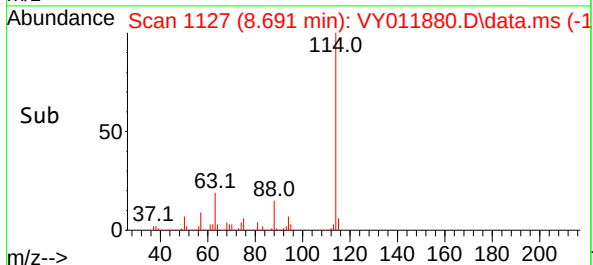
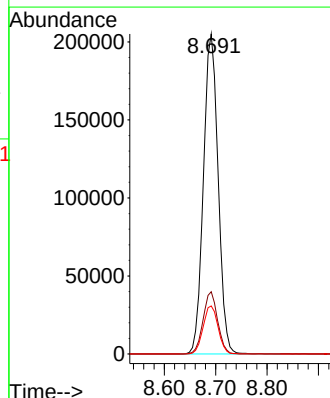
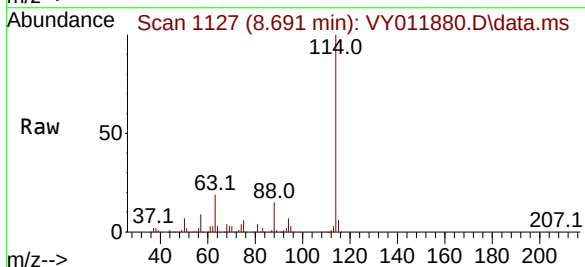
Tgt Ion: 114 Resp: 406962

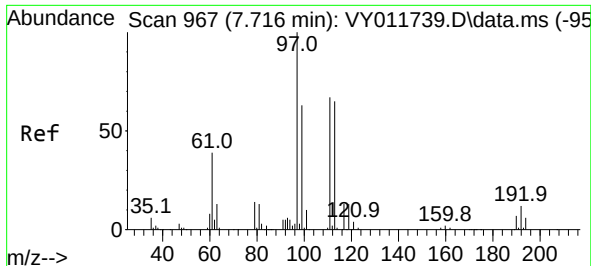
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.0 0.0 32.2

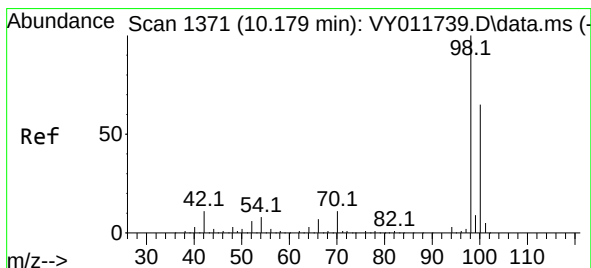
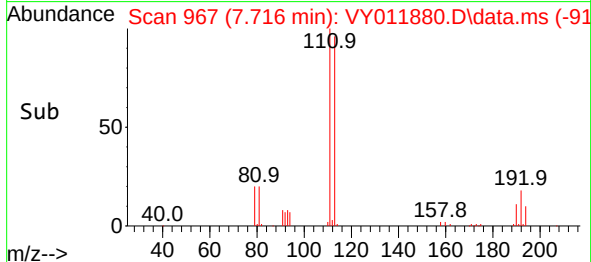
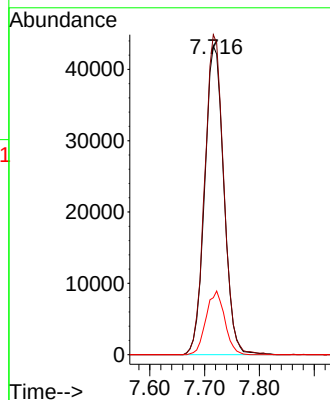
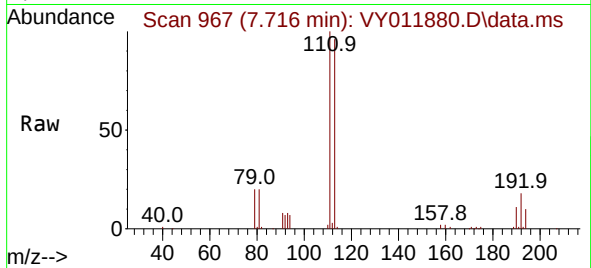




#35
Dibromofluoromethane
Concen: 58.471 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011880.D
Acq: 15 Dec 2022 18:23

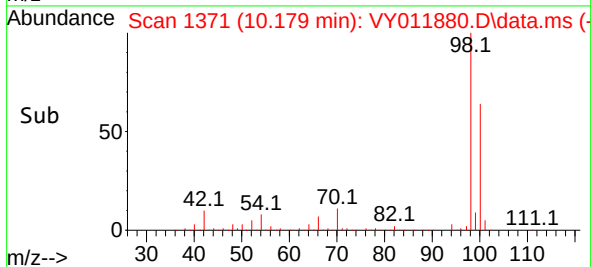
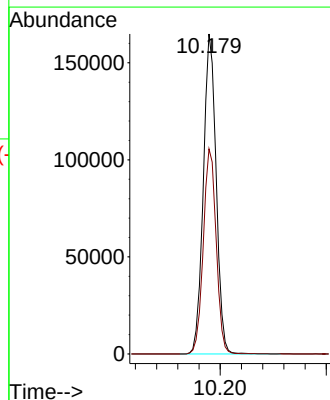
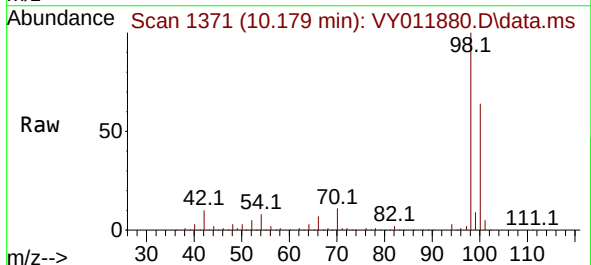
Instrument :
MSVOA_Y
ClientSampleId :
RB-42-(0-2)

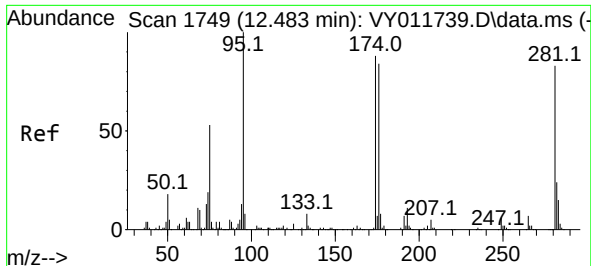
Tgt Ion:113 Resp: 104531
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 20.1 16.0 24.0



#50
Toluene-d8
Concen: 46.156 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011880.D
Acq: 15 Dec 2022 18:23

Tgt Ion: 98 Resp: 276639
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

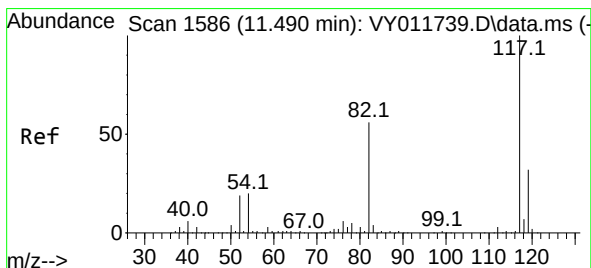
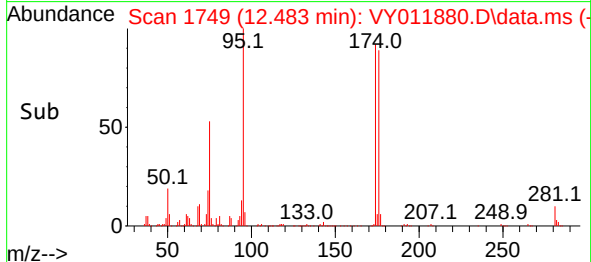
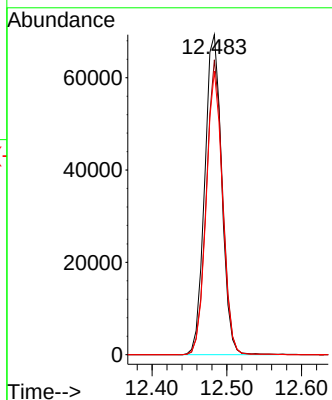
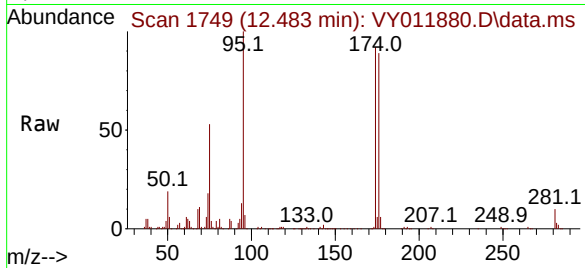




#62
4-Bromofluorobenzene
Concen: 45.927 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011880.D
Acq: 15 Dec 2022 18:23

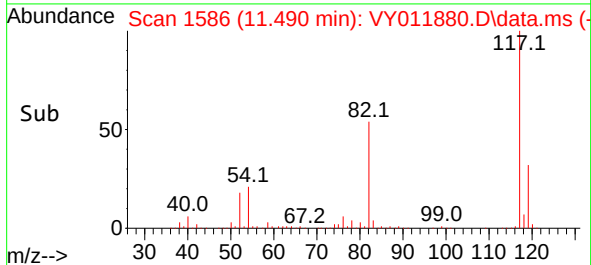
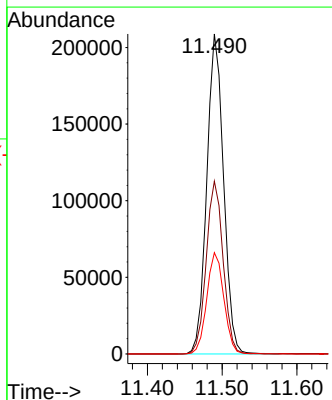
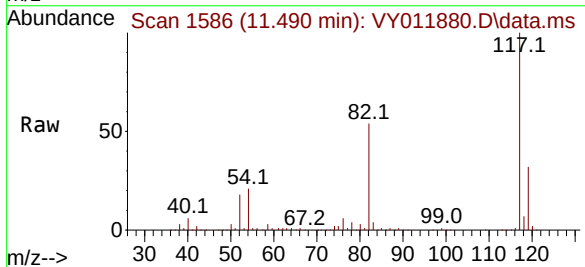
Instrument :
MSVOA_Y
ClientSampleId :
RB-42-(0-2)

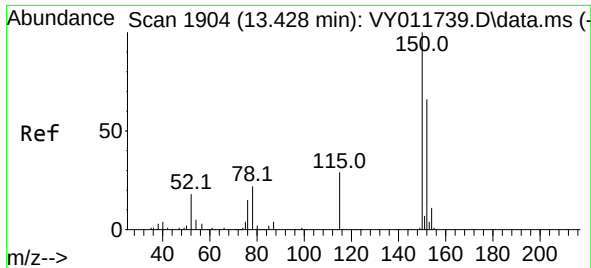
Tgt Ion: 95 Resp: 109241
Ion Ratio Lower Upper
95 100
174 89.1 0.0 172.0
176 85.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011880.D
Acq: 15 Dec 2022 18:23

Tgt Ion: 117 Resp: 325261
Ion Ratio Lower Upper
117 100
82 54.0 44.8 67.2
119 31.6 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: VY011880.D

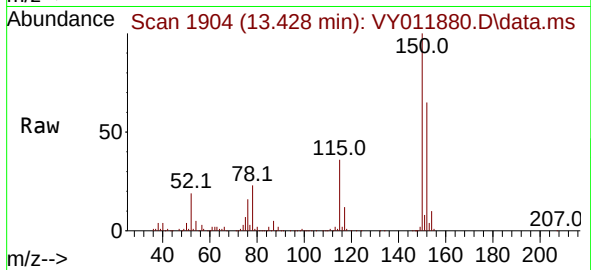
Acq: 15 Dec 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

RB-42-(0-2)



Tgt Ion:152 Resp: 113961

Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.3

150 155.7 0.0 342.6

