

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011855.D
 Acq On : 14 Dec 2022 18:57
 Operator : KP/MD
 Sample : N6038-08
 Misc : 3.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-32-(7-9)

Quant Time: Dec 15 01:23:27 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)

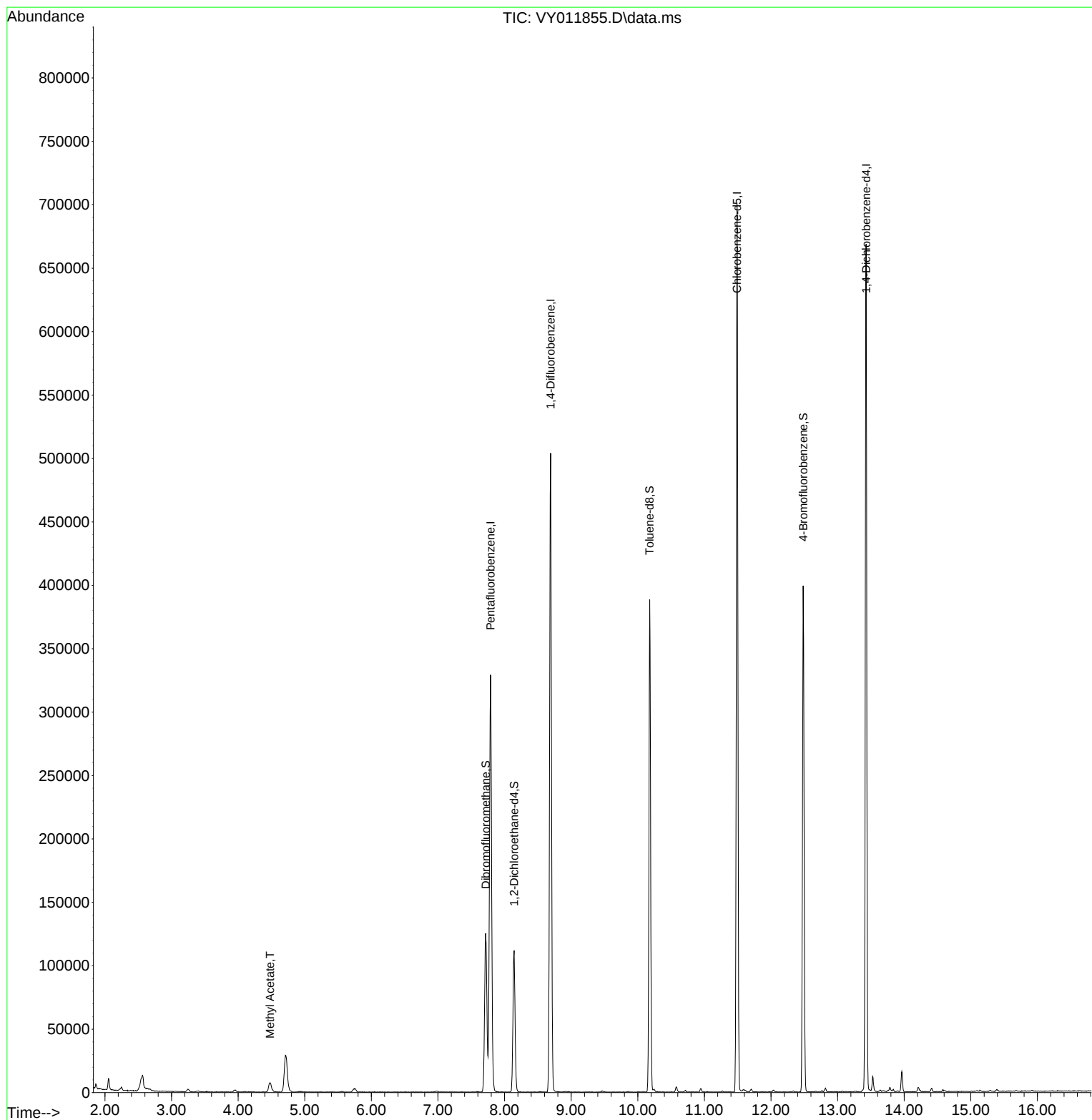
Internal Standards						
1) Pentafluorobenzene	7.789	168	253735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	429820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	379729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87435	50.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.100%
35) Dibromofluoromethane	7.716	113	89864	46.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.620%
50) Toluene-d8	10.179	98	256982	39.674	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.340%
62) 4-Bromofluorobenzene	12.483	95	101263	39.694	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.380%
Target Compounds						
						Qvalue
18) Methyl Acetate	4.479	43	15250	7.757	ug/l	98

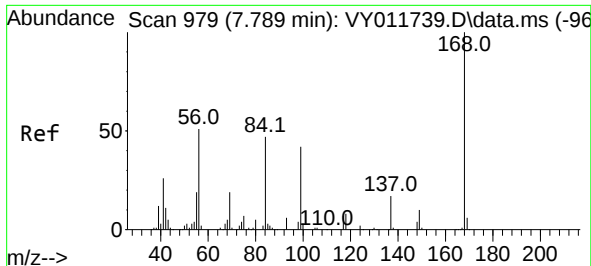
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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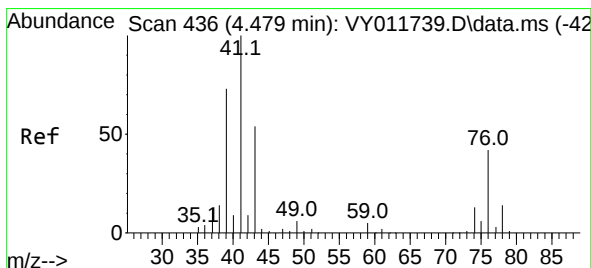
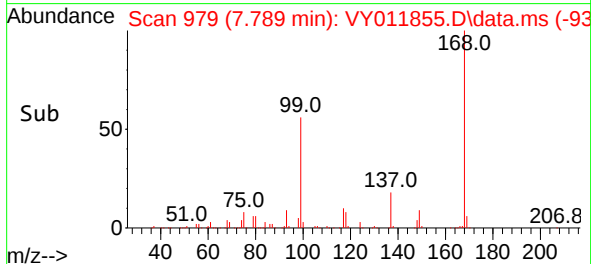
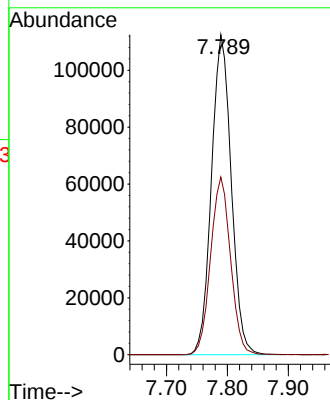
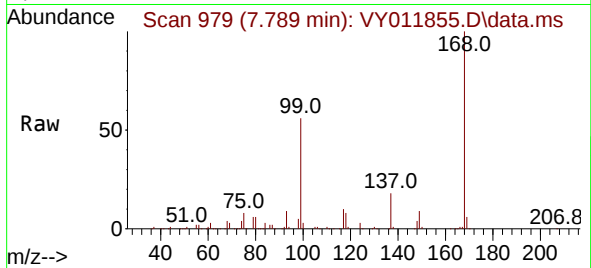




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011855.D
Acq: 14 Dec 2022 18:57

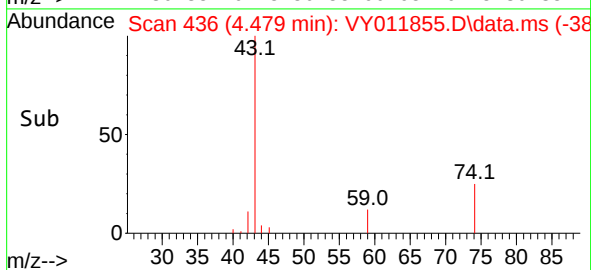
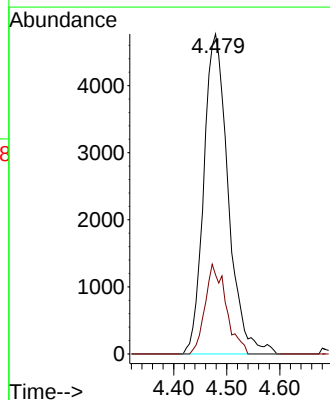
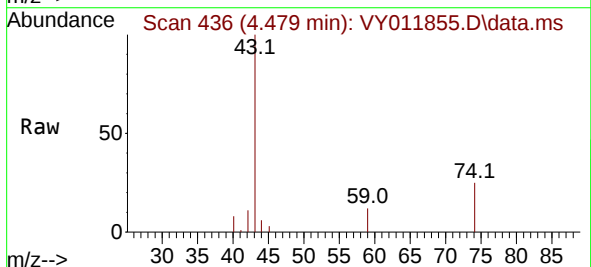
Instrument :
MSVOA_Y
ClientSampleId :
RB-32-(7-9)

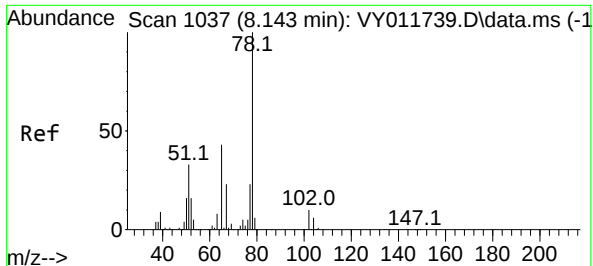
Tgt Ion:168 Resp: 253735
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#18
Methyl Acetate
Concen: 7.757 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011855.D
Acq: 14 Dec 2022 18:57

Tgt Ion: 43 Resp: 15250
Ion Ratio Lower Upper
43 100
74 24.2 20.1 30.1





#33

1,2-Dichloroethane-d4

Concen: 50.551 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011855.D

Acq: 14 Dec 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

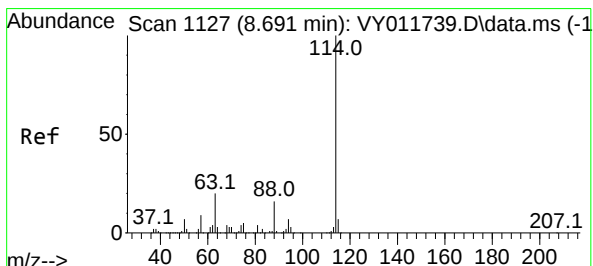
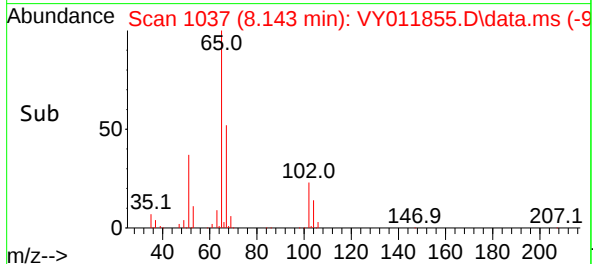
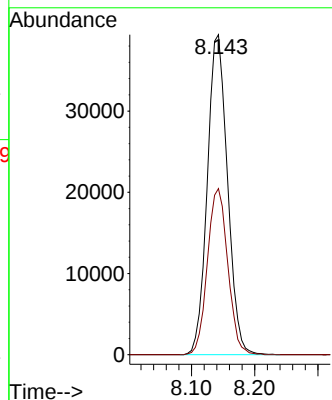
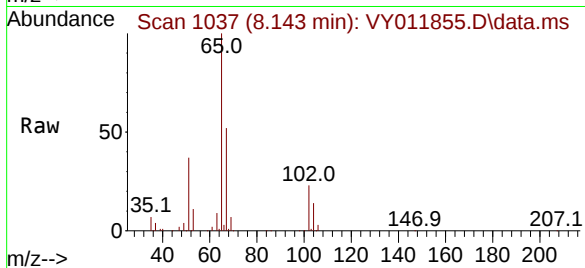
RB-32-(7-9)

Tgt Ion: 65 Resp: 87435

Ion Ratio Lower Upper

65 100

67 52.3 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: VY011855.D

Acq: 14 Dec 2022 18:57

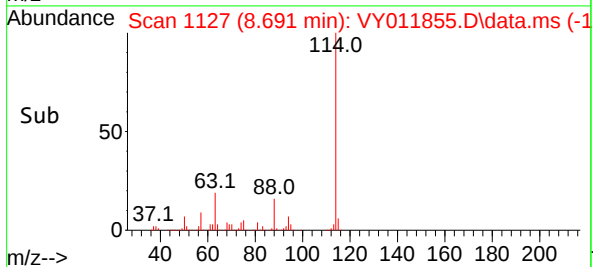
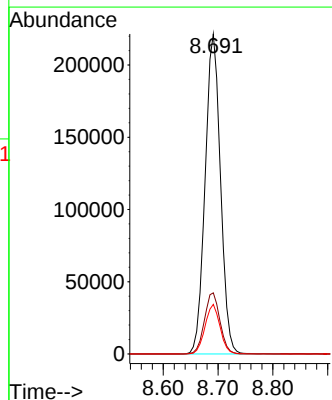
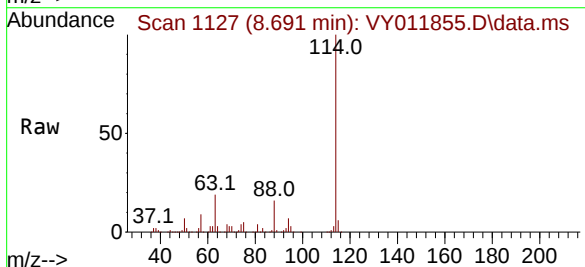
Tgt Ion: 114 Resp: 429820

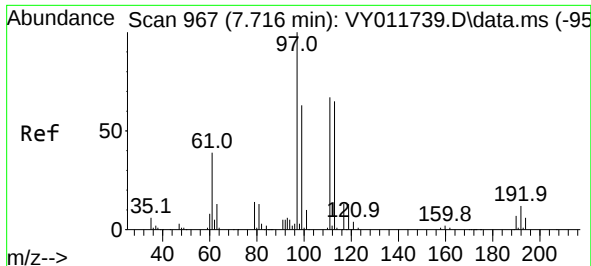
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.5 0.0 32.2

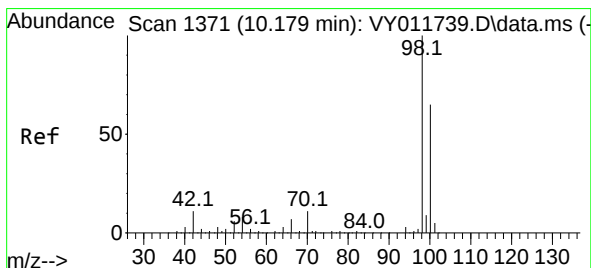
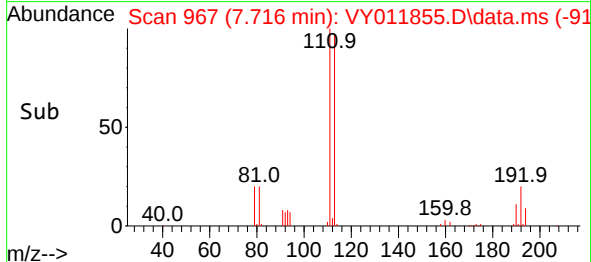
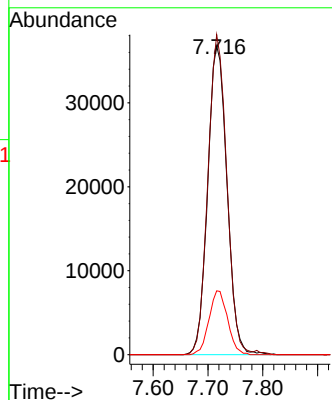
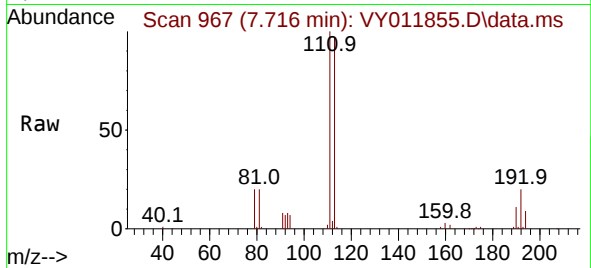




#35
Dibromofluoromethane
Concen: 46.809 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011855.D
Acq: 14 Dec 2022 18:57

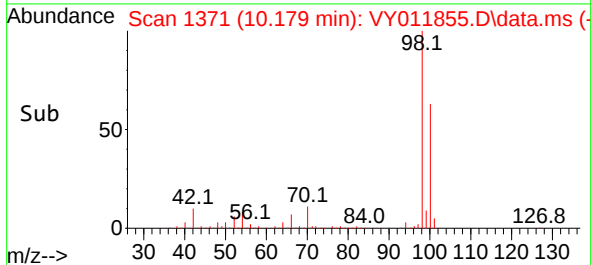
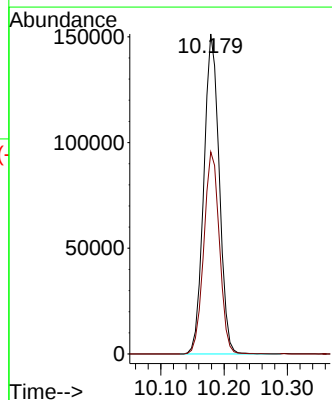
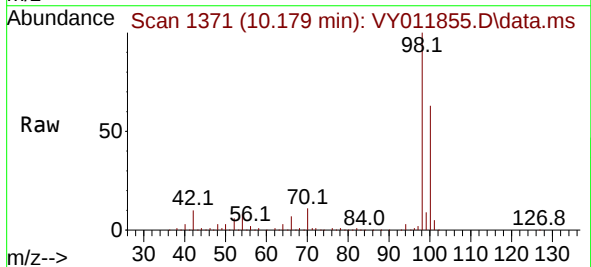
Instrument :
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RB-32-(7-9)

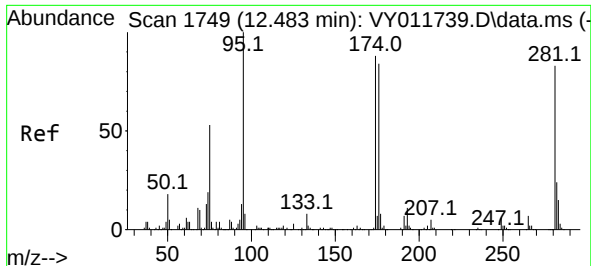
Tgt Ion:113 Resp: 89864
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.4
192 20.0 16.0 24.0



#50
Toluene-d8
Concen: 39.674 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011855.D
Acq: 14 Dec 2022 18:57

Tgt Ion: 98 Resp: 256982
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

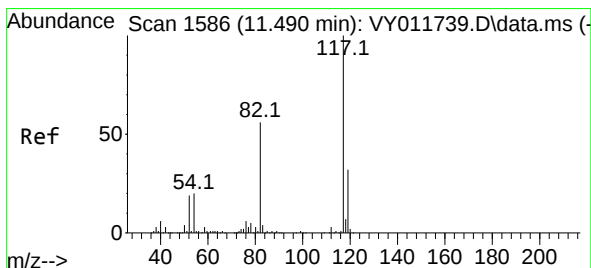
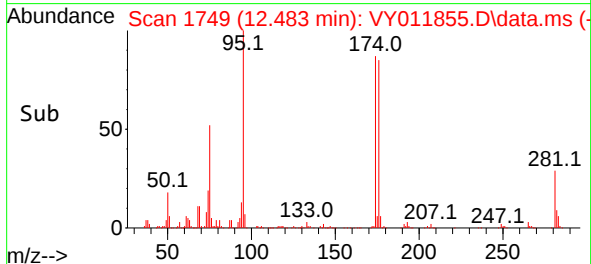
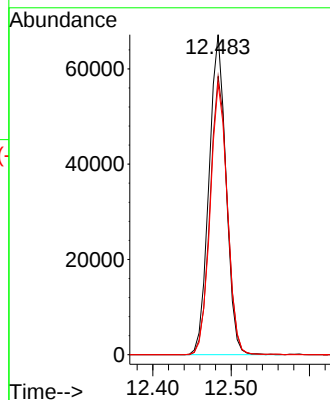
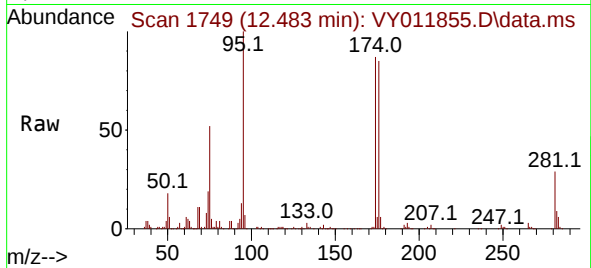




#62
4-Bromofluorobenzene
Concen: 39.694 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011855.D
Acq: 14 Dec 2022 18:57

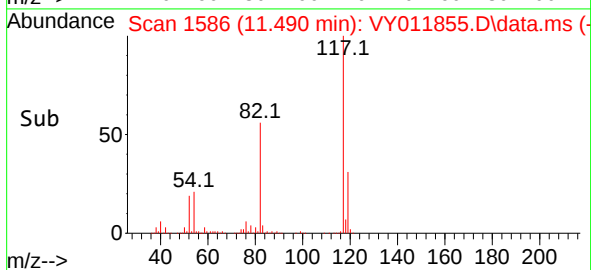
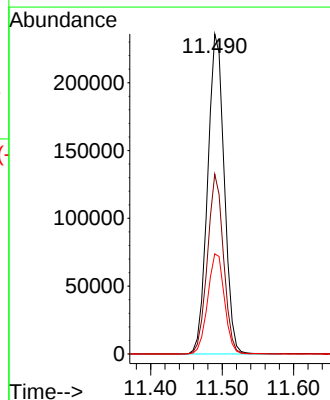
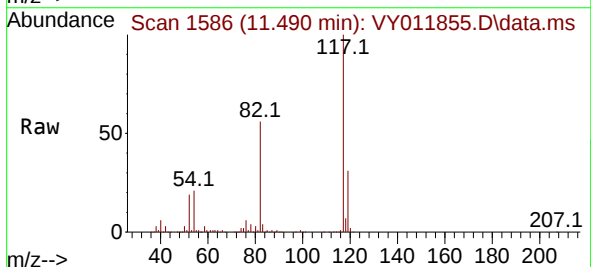
Instrument :
MSVOA_Y
ClientSampleId :
RB-32-(7-9)

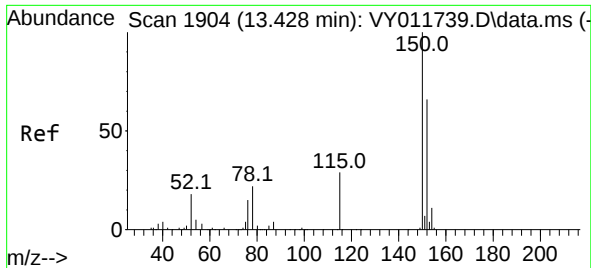
Tgt Ion: 95 Resp: 101263
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.0
176 85.4 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY011855.D
Acq: 14 Dec 2022 18:57

Tgt Ion: 117 Resp: 379729
Ion Ratio Lower Upper
117 100
82 56.2 44.8 67.2
119 31.3 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: VY011855.D

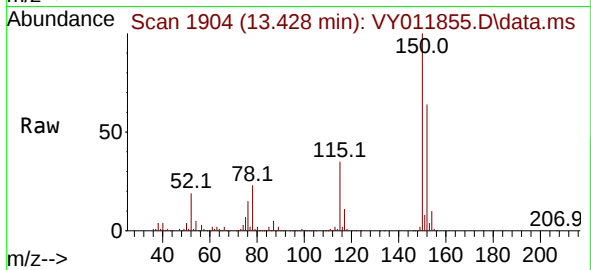
Acq: 14 Dec 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

RB-32-(7-9)



Tgt Ion:152 Resp: 174197

Ion Ratio Lower Upper

152 100

115 57.2 29.1 87.3

150 156.0 0.0 342.6

