

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011849.D
 Acq On : 14 Dec 2022 16:42
 Operator : KP/MD
 Sample : N6038-02
 Misc : 1.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-29-(8-10)

Quant Time: Dec 15 01:21:47 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)

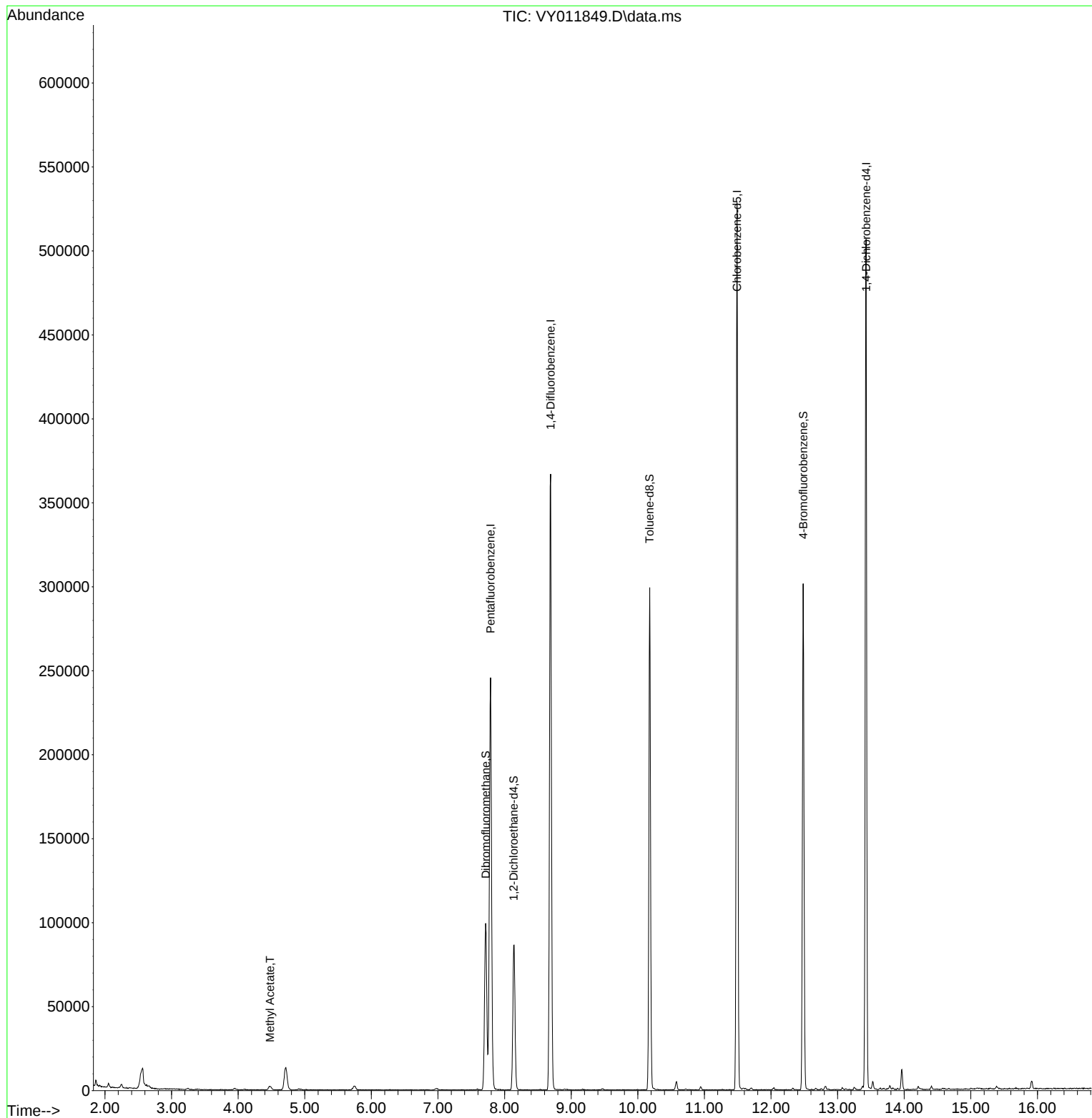
Internal Standards						
1) Pentafluorobenzene	7.789	168	189428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	315893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68891	53.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.280%
35) Dibromofluoromethane	7.715	113	69617	49.569	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.178	98	194805	41.162	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.320%
62) 4-Bromofluorobenzene	12.483	95	77471	41.526	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.060%
Target Compounds						
18) Methyl Acetate	4.478	43	4419	1.895	ug/l	Qvalue 100

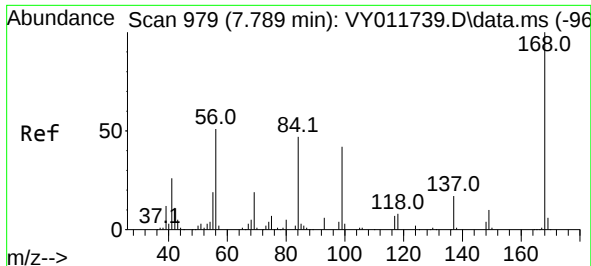
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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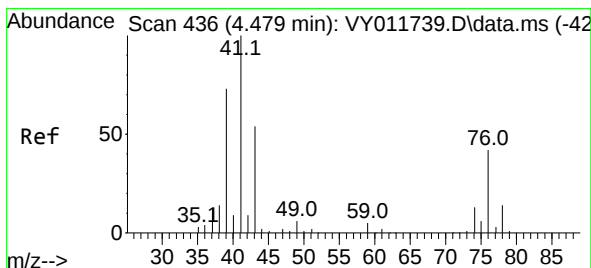
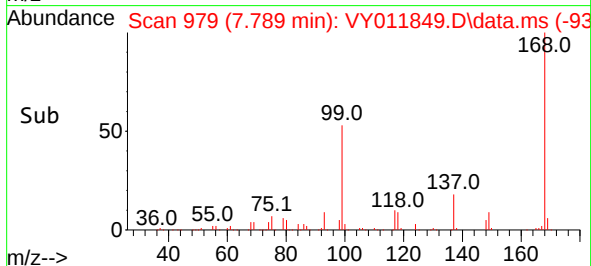
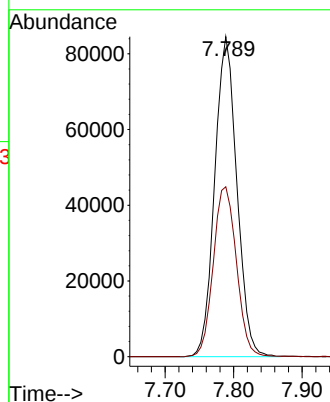
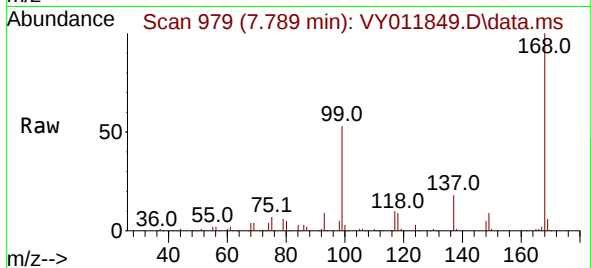




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011849.D
Acq: 14 Dec 2022 16:42

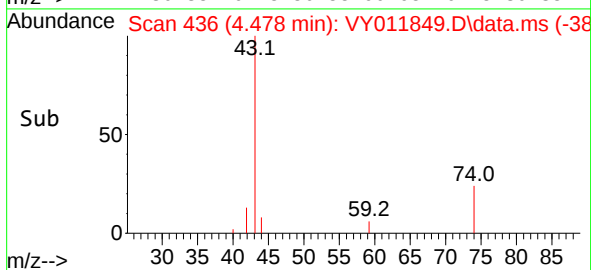
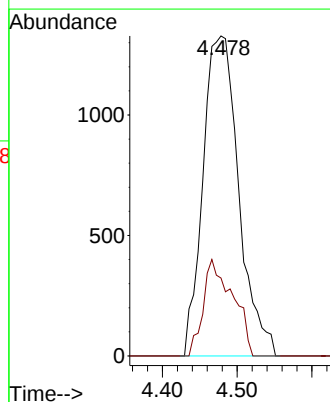
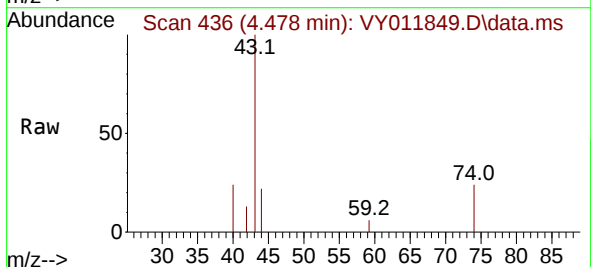
Instrument :
MSVOA_Y
ClientSampleId :
RB-29-(8-10)

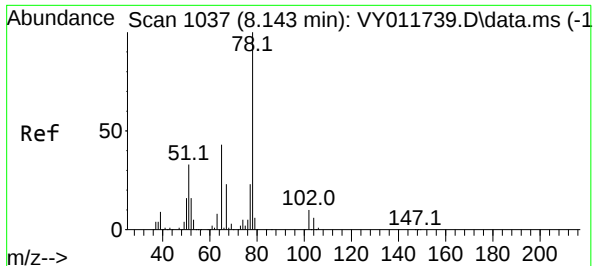
Tgt Ion:168 Resp: 189428
Ion Ratio Lower Upper
168 100
99 53.1 44.0 66.0



#18
Methyl Acetate
Concen: 1.895 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY011849.D
Acq: 14 Dec 2022 16:42

Tgt Ion: 43 Resp: 4419
Ion Ratio Lower Upper
43 100
74 24.9 20.1 30.1





#33

1,2-Dichloroethane-d4

Concen: 53.645 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY011849.D

Acq: 14 Dec 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

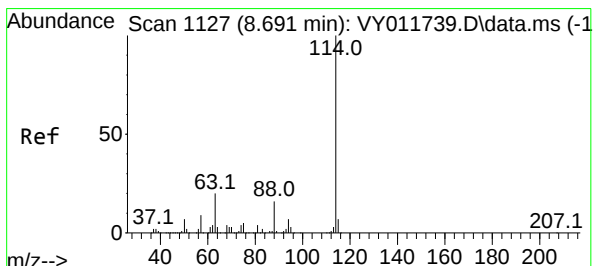
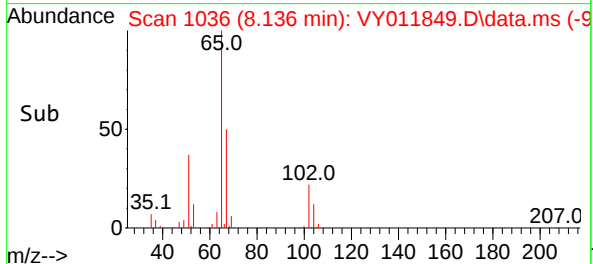
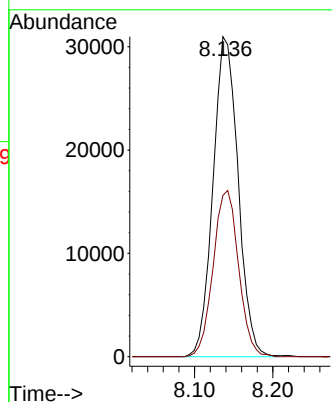
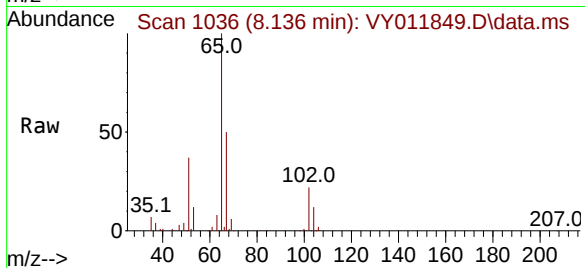
RB-29-(8-10)

Tgt Ion: 65 Resp: 68891

Ion Ratio Lower Upper

65 100

67 52.6 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: VY011849.D

Acq: 14 Dec 2022 16:42

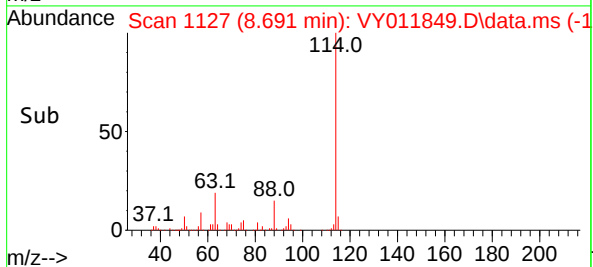
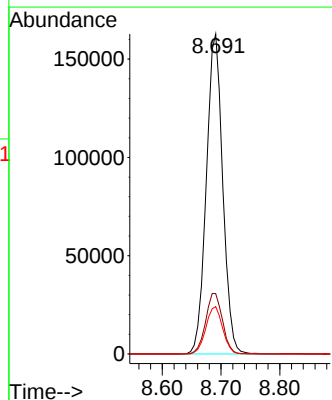
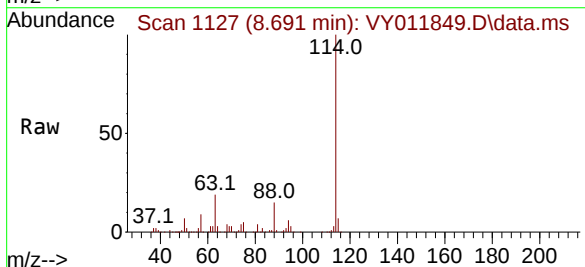
Tgt Ion: 114 Resp: 315893

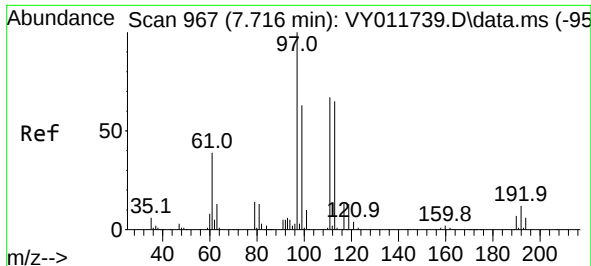
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 14.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.569 ug/l

RT: 7.715 min Scan# 9

Delta R.T. -0.001 min

Lab File: VY011849.D

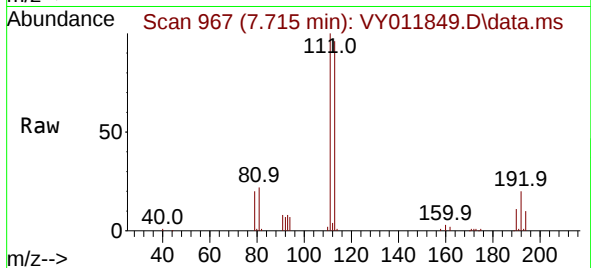
Acq: 14 Dec 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

RB-29-(8-10)



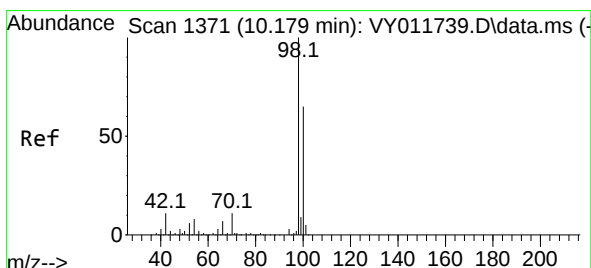
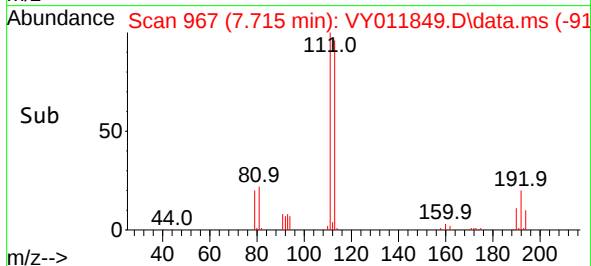
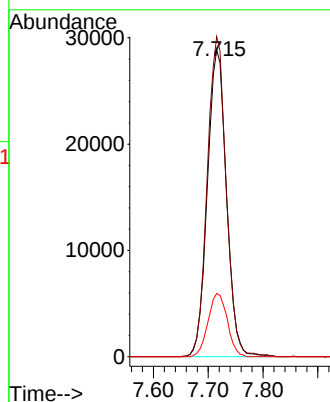
Tgt Ion:113 Resp: 69617

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

192 20.8 16.0 24.0



#50

Toluene-d8

Concen: 41.162 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY011849.D

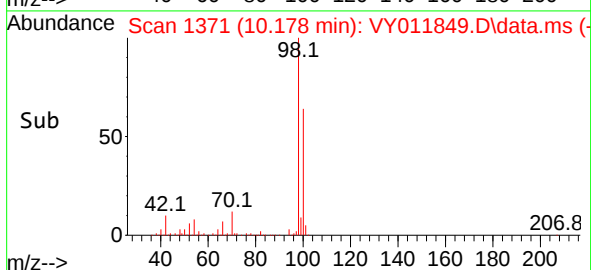
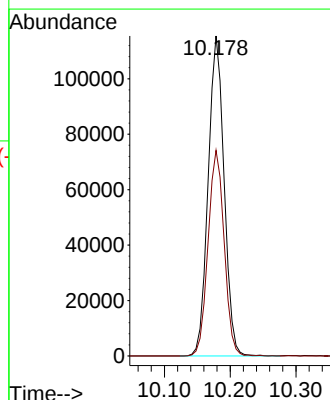
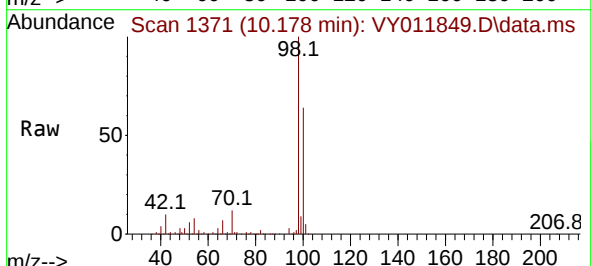
Acq: 14 Dec 2022 16:42

Tgt Ion: 98 Resp: 194805

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9

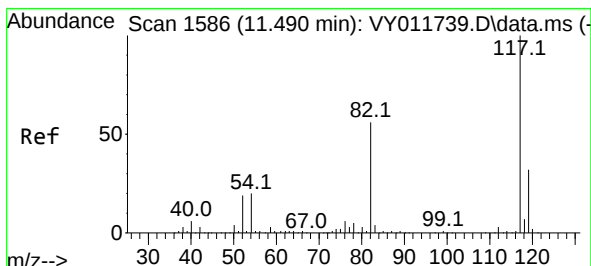
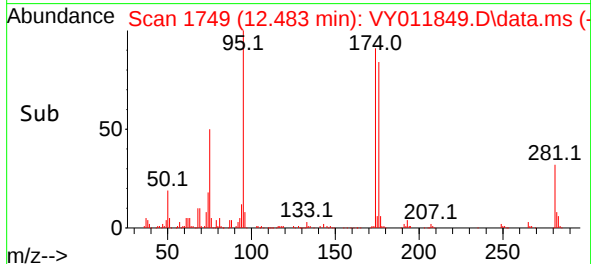
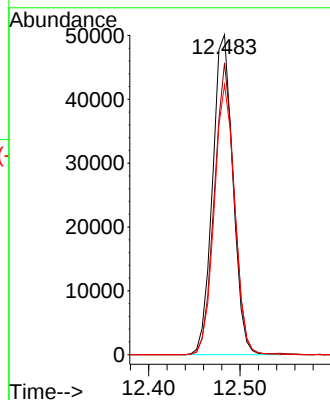
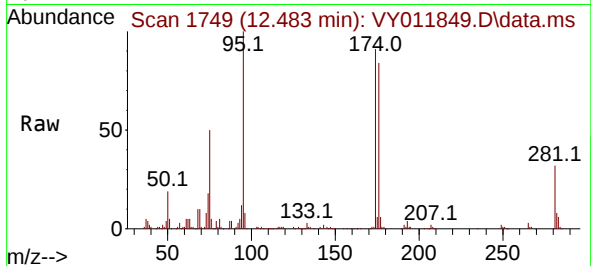




#62
4-Bromofluorobenzene
Concen: 41.526 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011849.D
Acq: 14 Dec 2022 16:42

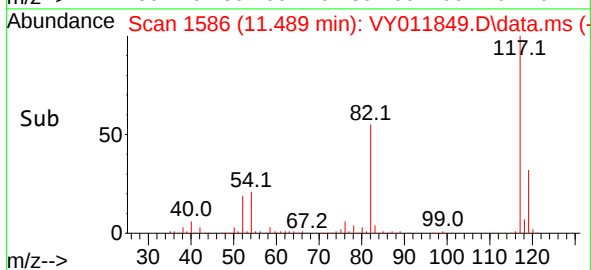
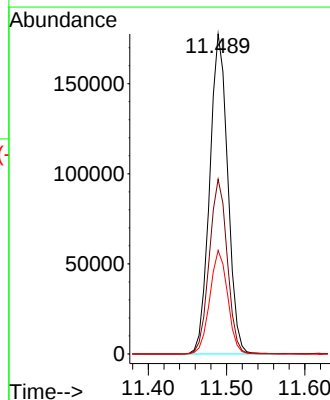
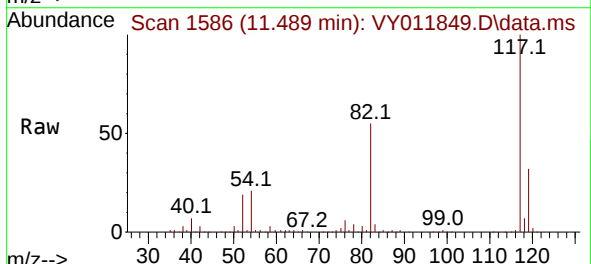
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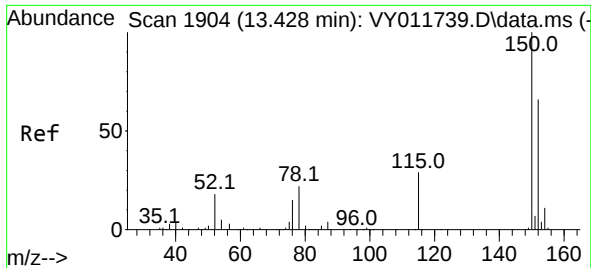
Tgt Ion: 95 Resp: 77471
Ion Ratio Lower Upper
95 100
174 89.0 0.0 172.0
176 85.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011849.D
Acq: 14 Dec 2022 16:42

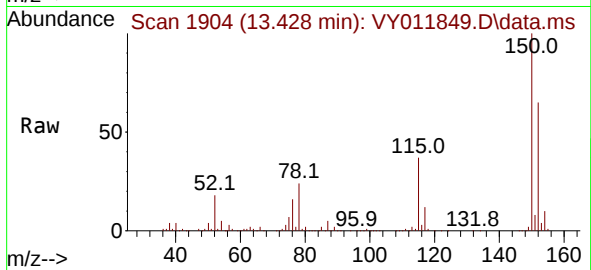
Tgt Ion: 117 Resp: 284017
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 32.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011849.D
 Acq: 14 Dec 2022 16:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-29-(8-10)



Tgt Ion:152 Resp: 133490
 Ion Ratio Lower Upper
 152 100
 115 57.3 29.1 87.3
 150 156.1 0.0 342.6

