

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011857.D
 Acq On : 14 Dec 2022 19:43
 Operator : KP/MD
 Sample : N6038-10
 Misc : 4.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Dec 15 01:23:58 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)

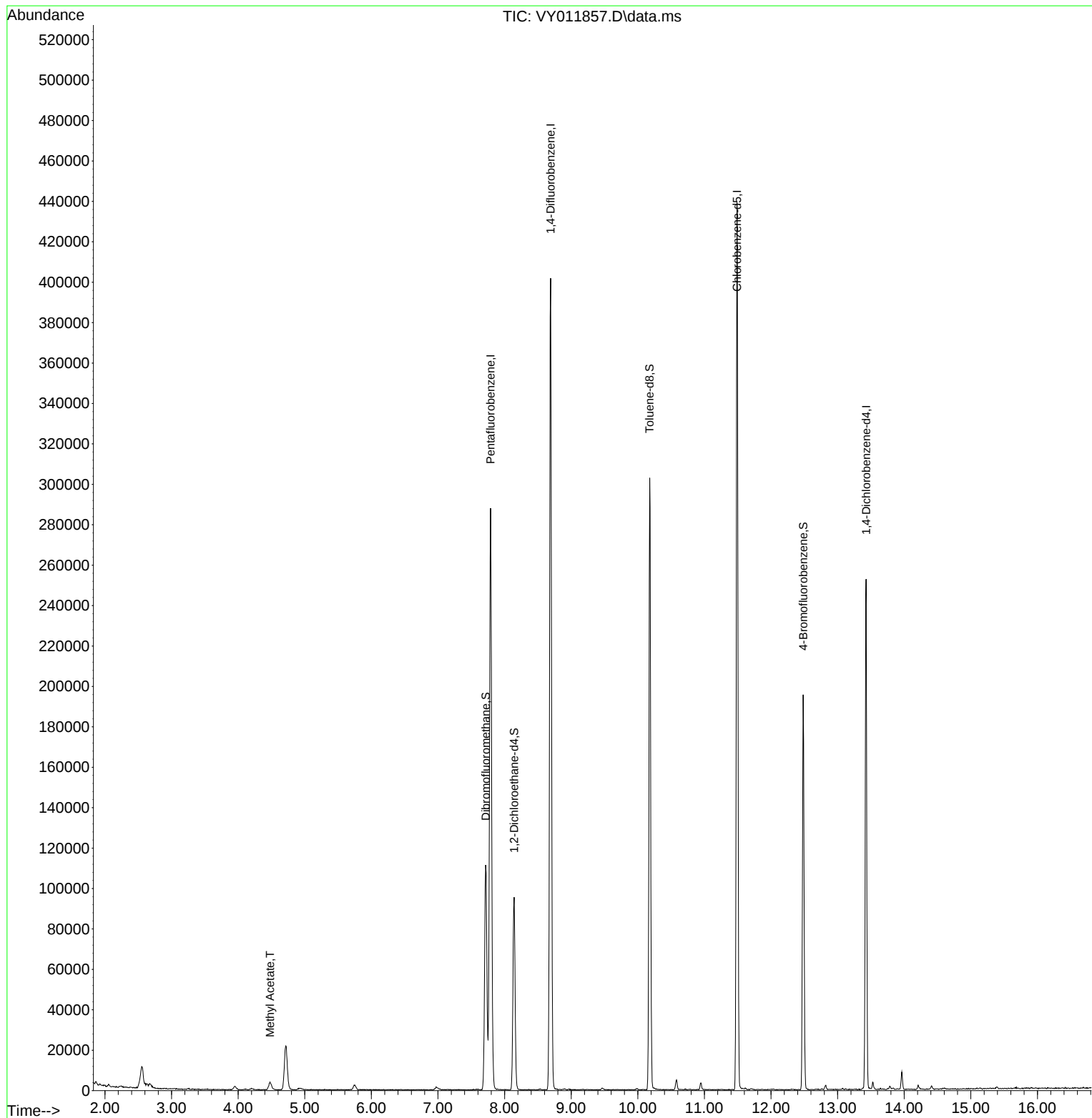
Internal Standards						
1) Pentafluorobenzene	7.789	168	222351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	244470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75637	49.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.660%
35) Dibromofluoromethane	7.715	113	79340	51.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.178	98	204536	39.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.480%
62) 4-Bromofluorobenzene	12.483	95	51706	23.403	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	46.800%
Target Compounds						
18) Methyl Acetate	4.478	43	7488	3.544	ug/l	Qvalue 97

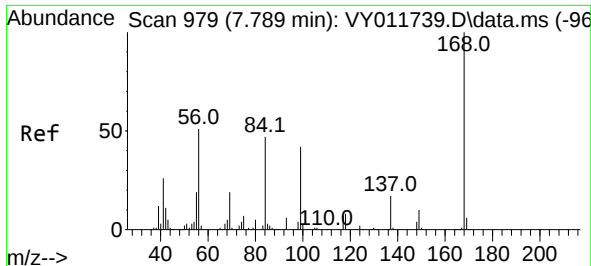
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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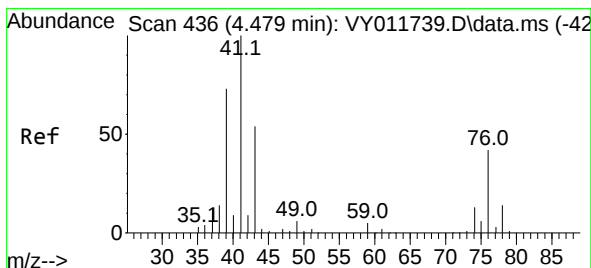
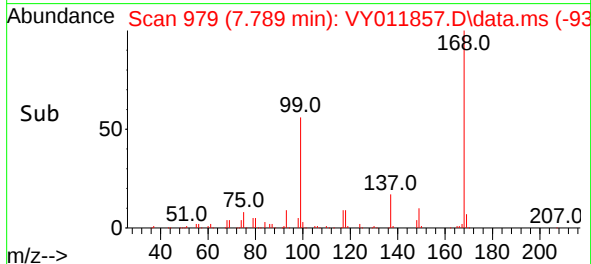
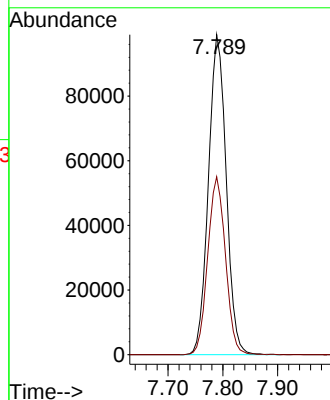
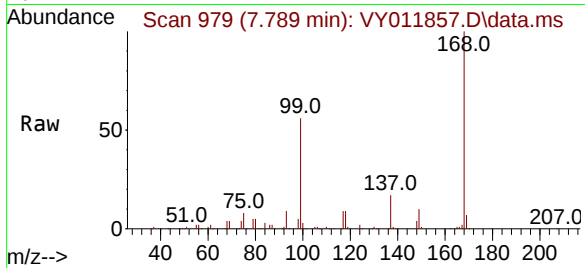




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011857.D
Acq: 14 Dec 2022 19:43

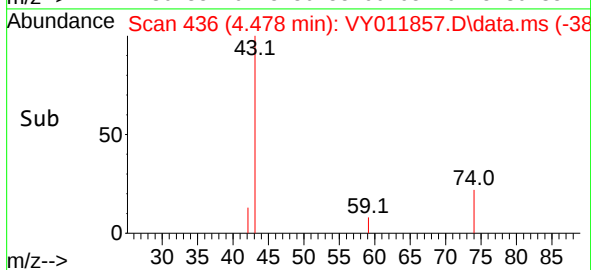
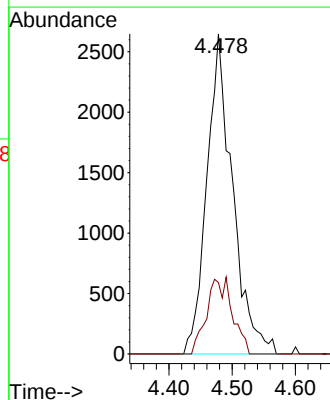
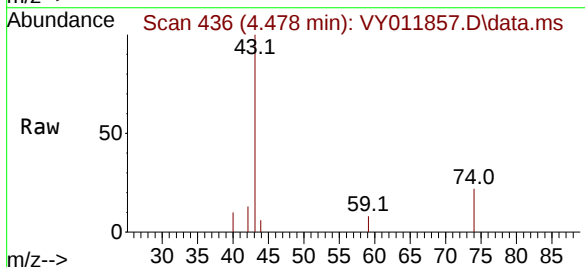
Instrument :
MSVOA_Y
ClientSampleId :
RB-33-(5-7)

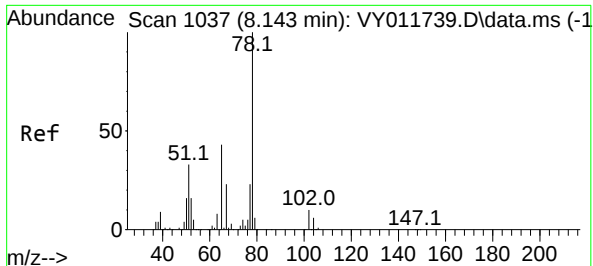
Tgt Ion:168 Resp: 222351
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#18
Methyl Acetate
Concen: 3.544 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY011857.D
Acq: 14 Dec 2022 19:43

Tgt Ion: 43 Resp: 7488
Ion Ratio Lower Upper
43 100
74 23.7 20.1 30.1





#33

1,2-Dichloroethane-d4

Concen: 49.834 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011857.D

Acq: 14 Dec 2022 19:43

Instrument :

MSVOA_Y

ClientSampleId :

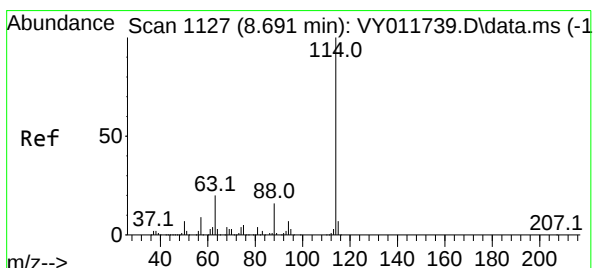
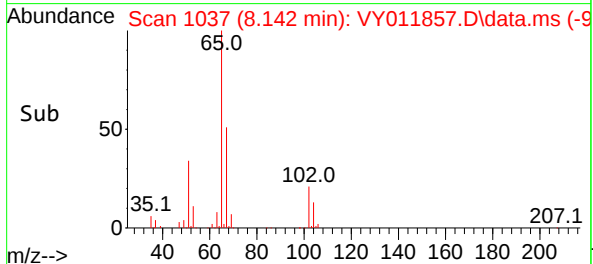
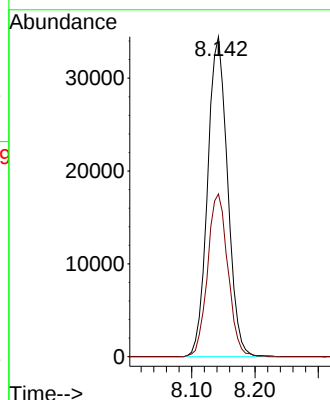
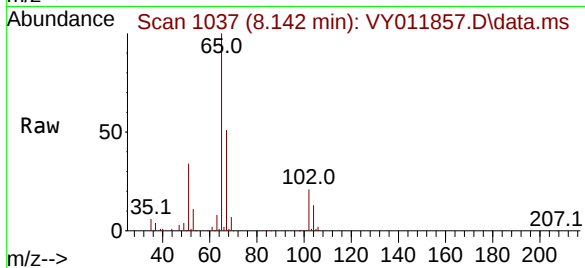
RB-33-(5-7)

Tgt Ion: 65 Resp: 75637

Ion Ratio Lower Upper

65 100

67 51.8 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: VY011857.D

Acq: 14 Dec 2022 19:43

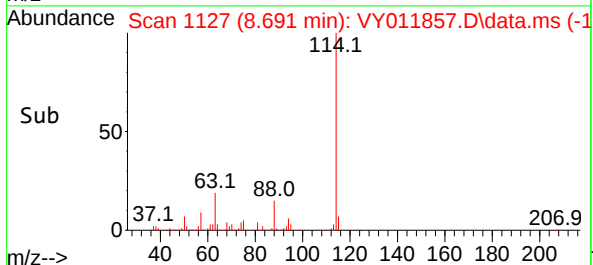
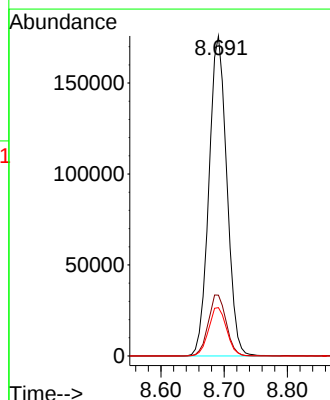
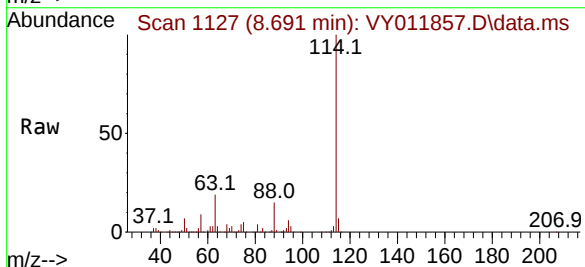
Tgt Ion: 114 Resp: 345235

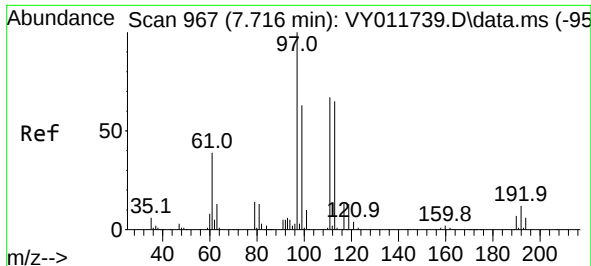
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.1 0.0 32.2

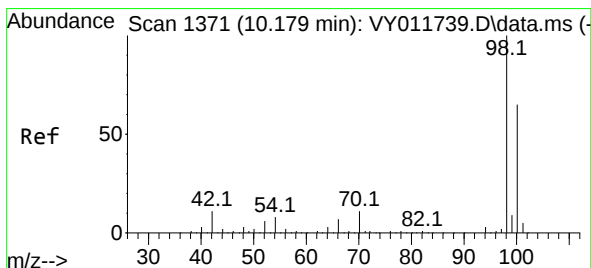
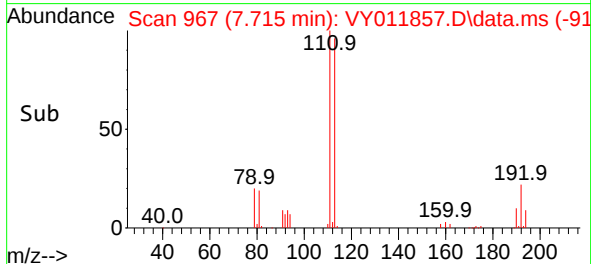
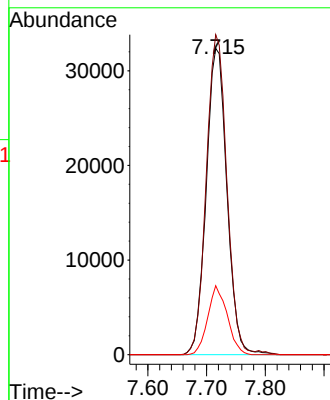
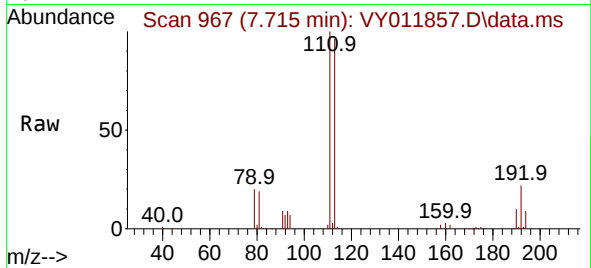




#35
Dibromofluoromethane
Concen: 51.871 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY011857.D
Acq: 14 Dec 2022 19:43

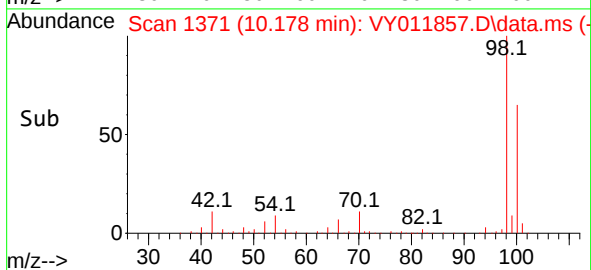
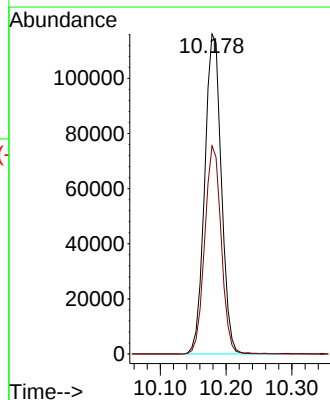
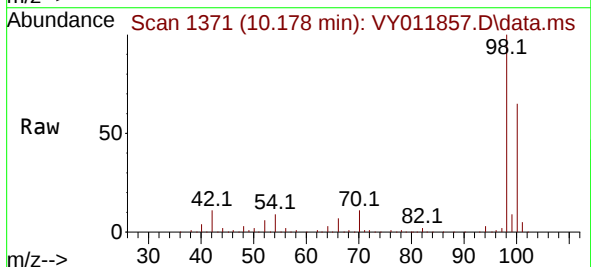
Instrument :
MSVOA_Y
ClientSampleId :
RB-33-(5-7)

Tgt Ion:113 Resp: 79340
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.4
192 21.2 16.0 24.0



#50
Toluene-d8
Concen: 39.244 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011857.D
Acq: 14 Dec 2022 19:43

Tgt Ion: 98 Resp: 204536
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

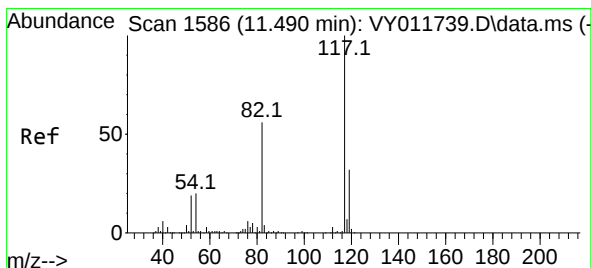
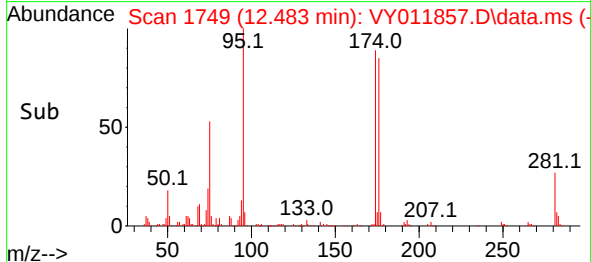
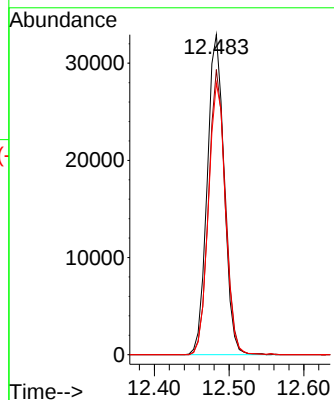
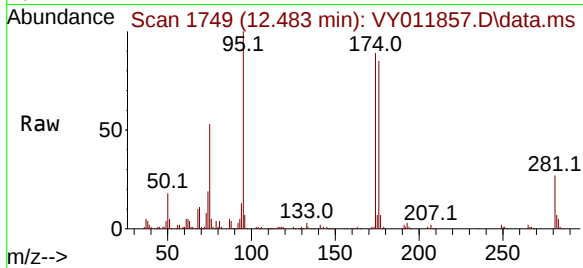




#62
4-Bromofluorobenzene
Concen: 23.403 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011857.D
Acq: 14 Dec 2022 19:43

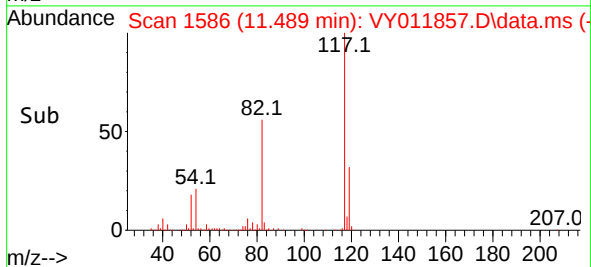
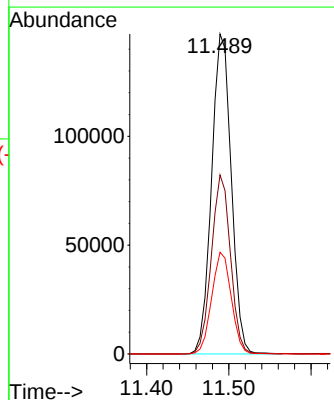
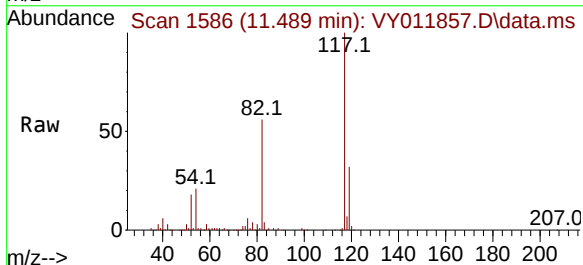
Instrument :
MSVOA_Y
ClientSampleId :
RB-33-(5-7)

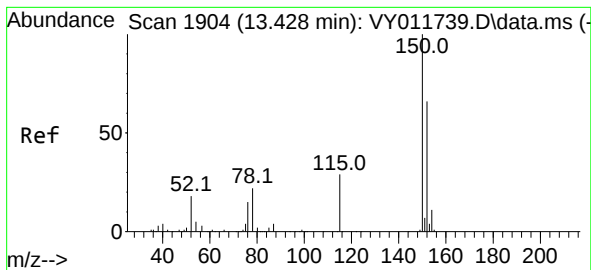
Tgt Ion:	95	Resp:	51706
Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	172.0
176	85.5	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011857.D
Acq: 14 Dec 2022 19:43

Tgt Ion:	117	Resp:	244470
Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.8	67.2
119	31.8	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: VY011857.D

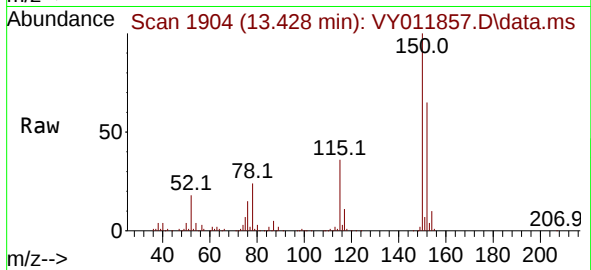
Acq: 14 Dec 2022 19:43

Instrument :

MSVOA_Y

ClientSampleId :

RB-33-(5-7)



Tgt Ion:152 Resp: 66414

Ion Ratio Lower Upper

152 100

115 57.0 29.1 87.3

150 156.5 0.0 342.6

