

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011868.D
 Acq On : 15 Dec 2022 13:51
 Operator : KP/MD
 Sample : N6038-14
 Misc : 3.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-36-(0-2)

Quant Time: Dec 16 00:14:14 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)

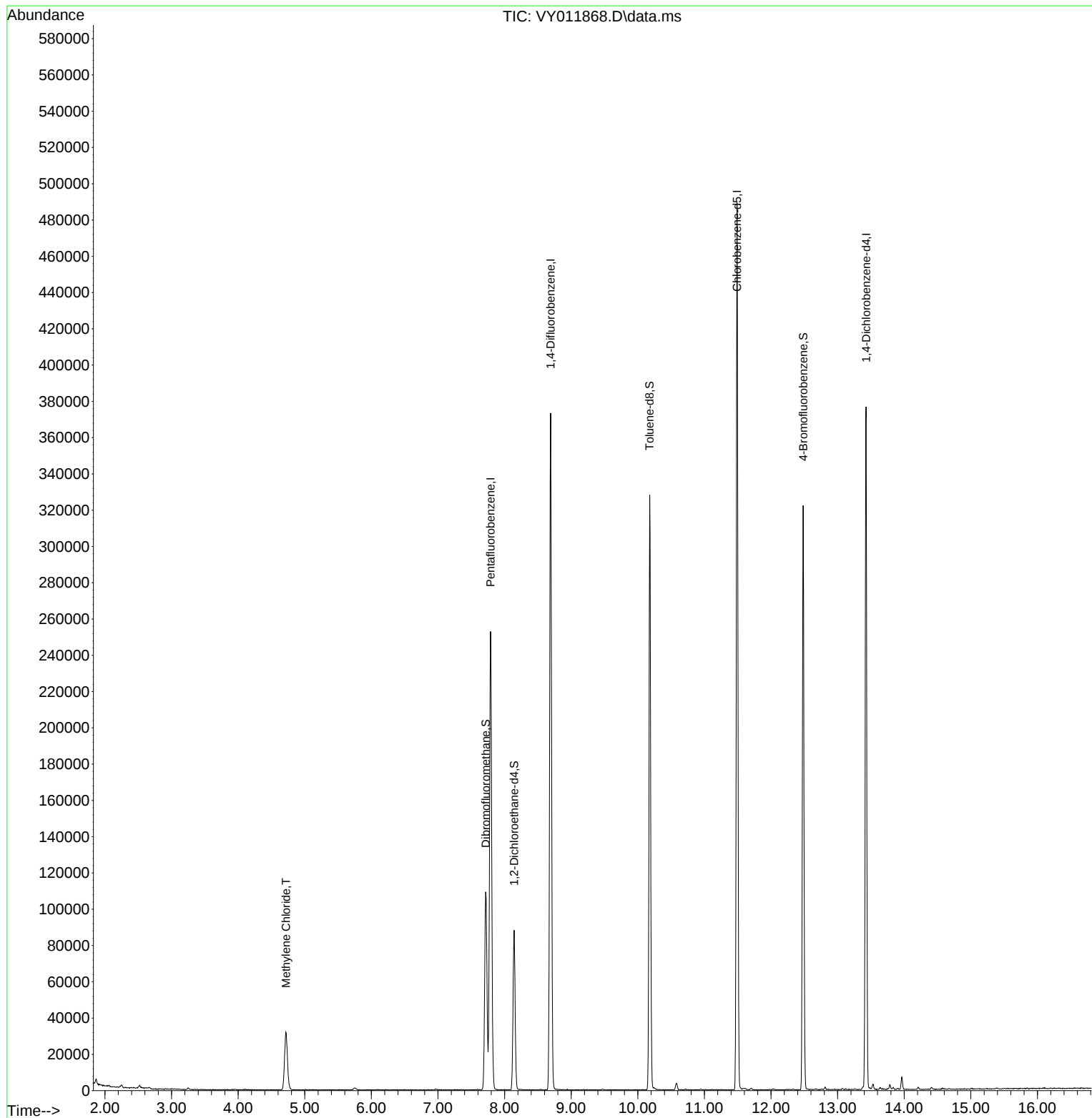
Internal Standards						
1) Pentafluorobenzene	7.789	168	196271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	318100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	265622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68858	51.562	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 103.120%		
35) Dibromofluoromethane	7.716	113	78420	55.950	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.900%		
50) Toluene-d8	10.179	98	214747	45.786	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 91.580%		
62) 4-Bromofluorobenzene	12.483	95	91796	49.751	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 99.500%		
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	24530	7.913	ug/l	98

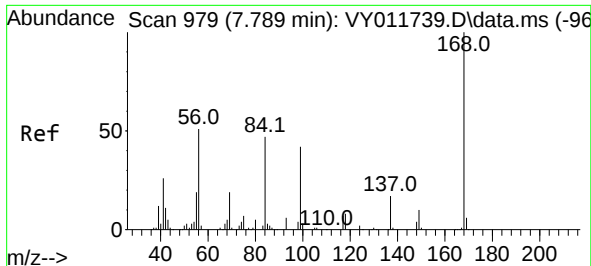
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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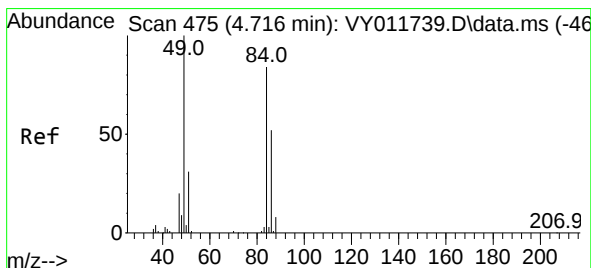
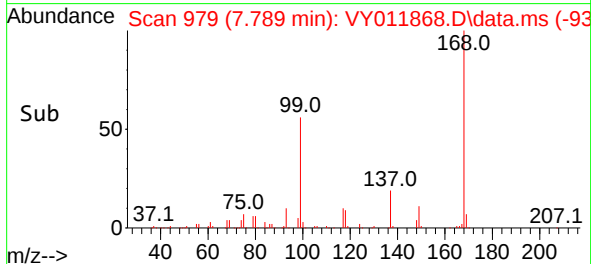
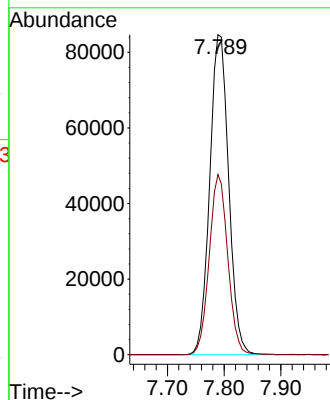
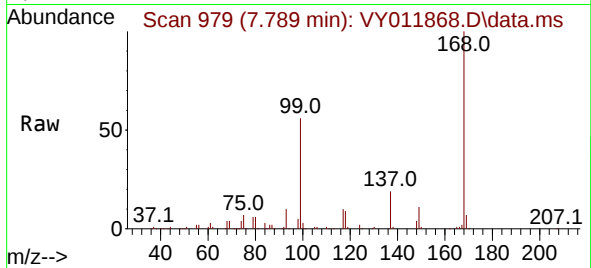




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011868.D
Acq: 15 Dec 2022 13:51

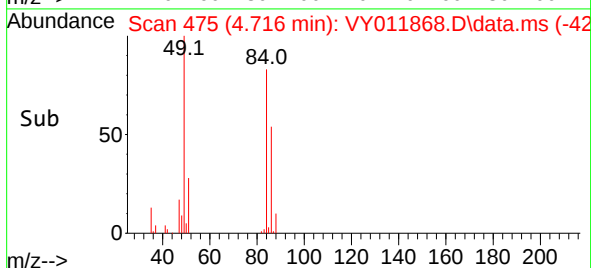
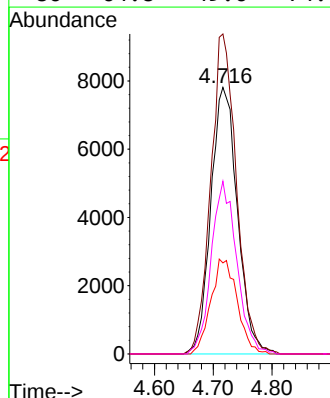
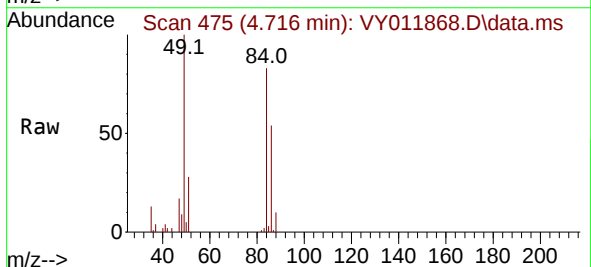
Instrument :
MSVOA_Y
ClientSampleId :
RB-36-(0-2)

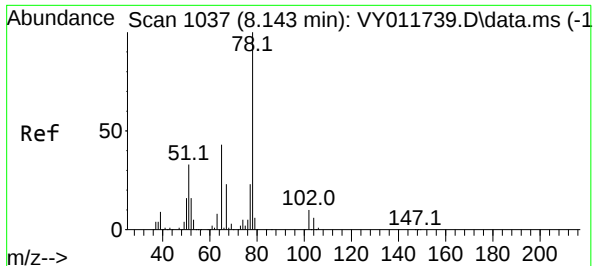
Tgt Ion:168 Resp: 196271
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0



#20
Methylene Chloride
Concen: 7.913 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011868.D
Acq: 15 Dec 2022 13:51

Tgt Ion: 84 Resp: 24530
Ion Ratio Lower Upper
84 100
49 120.1 95.4 143.2
51 34.1 29.9 44.9
86 64.8 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 51.562 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011868.D

Acq: 15 Dec 2022 13:51

Instrument :

MSVOA_Y

ClientSampleId :

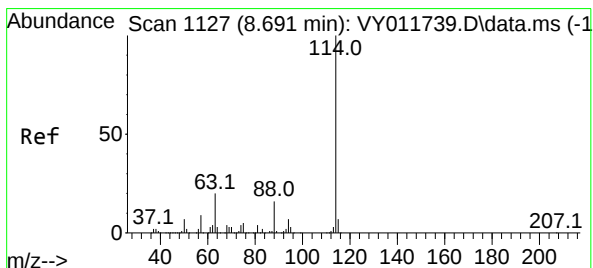
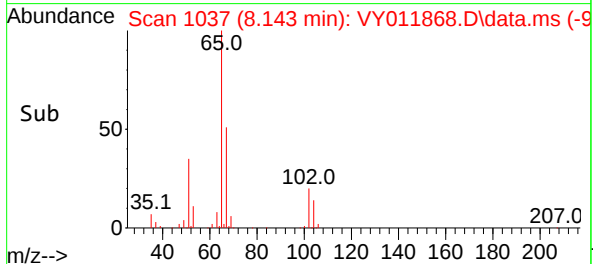
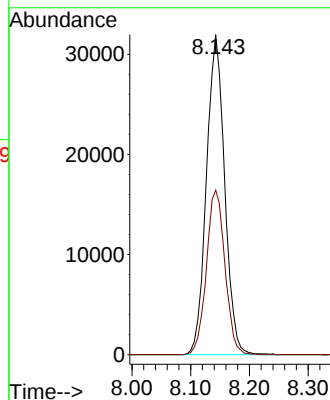
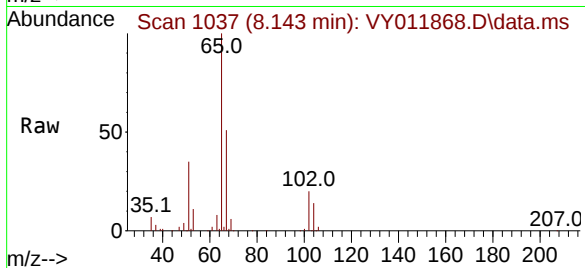
RB-36-(0-2)

Tgt Ion: 65 Resp: 68858

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: VY011868.D

Acq: 15 Dec 2022 13:51

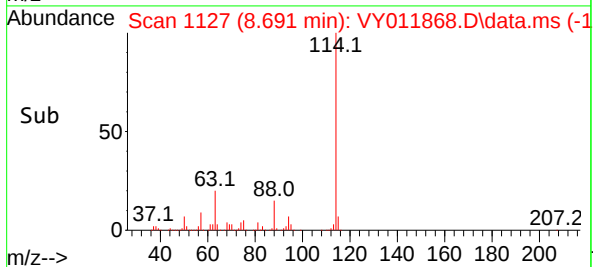
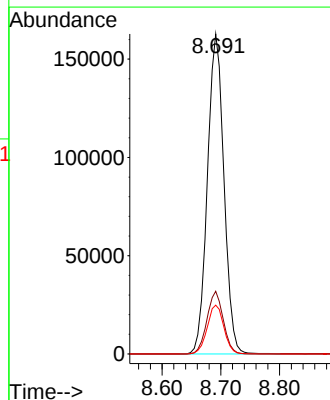
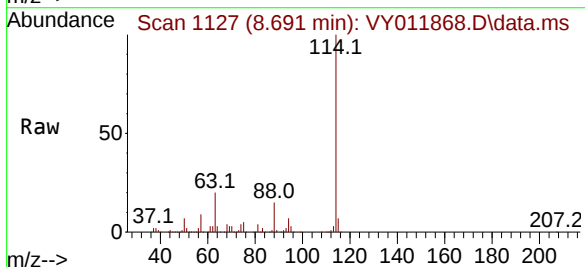
Tgt Ion: 114 Resp: 318100

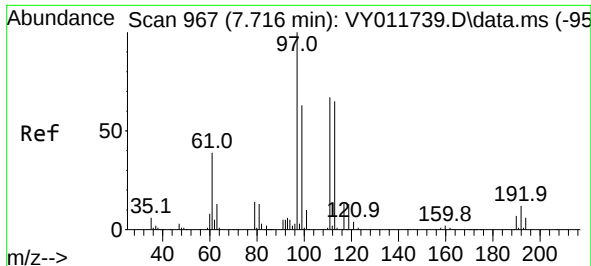
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 55.950 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY011868.D

Acq: 15 Dec 2022 13:51

Instrument :

MSVOA_Y

ClientSampleId :

RB-36-(0-2)

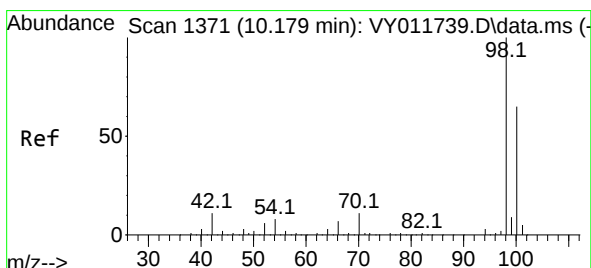
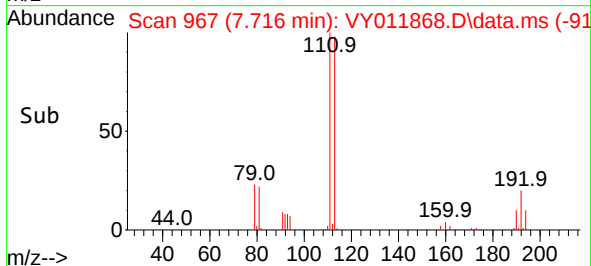
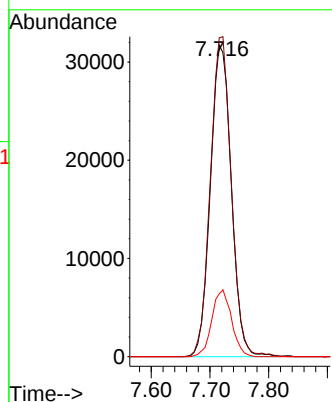
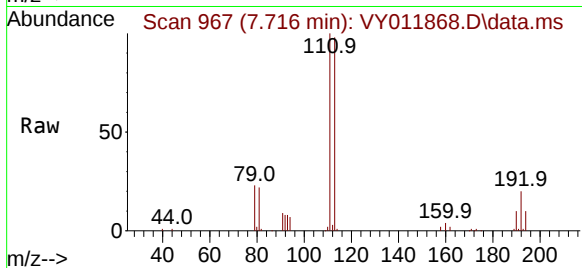
Tgt Ion:113 Resp: 78420

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 20.2 16.0 24.0



#50

Toluene-d8

Concen: 45.786 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011868.D

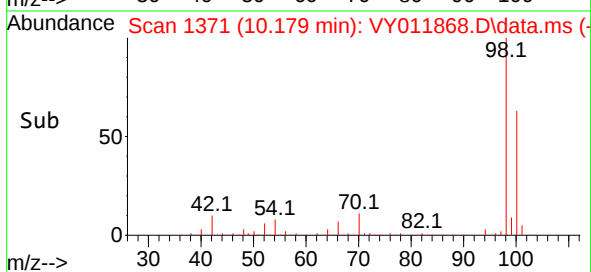
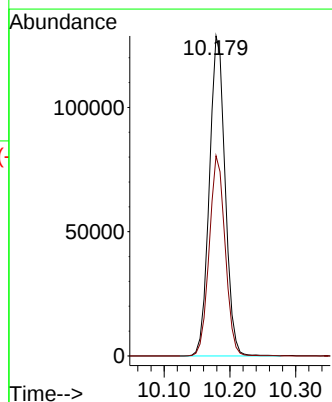
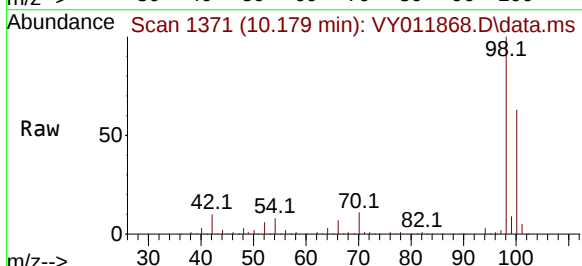
Acq: 15 Dec 2022 13:51

Tgt Ion: 98 Resp: 214747

Ion Ratio Lower Upper

98 100

100 63.0 51.9 77.9

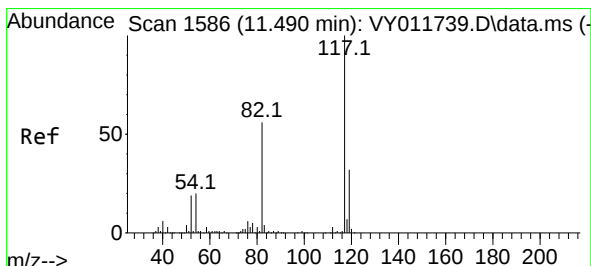
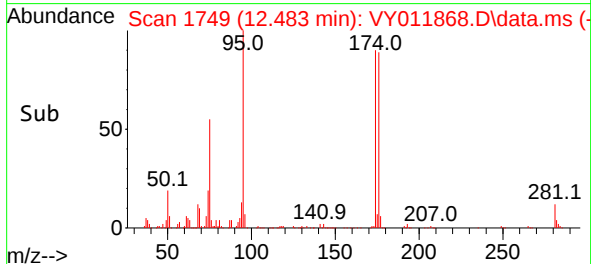
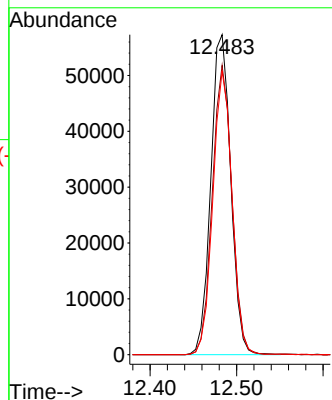
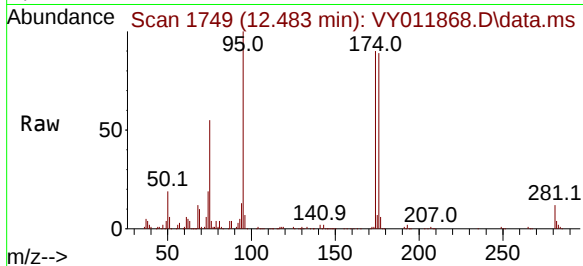




#62
4-Bromofluorobenzene
Concen: 49.751 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011868.D
Acq: 15 Dec 2022 13:51

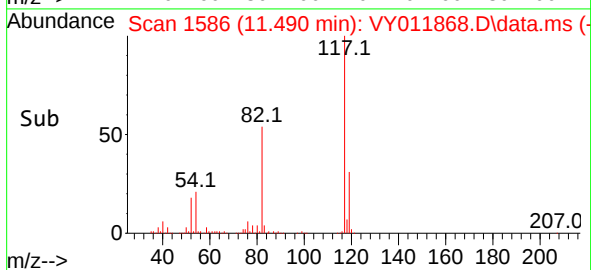
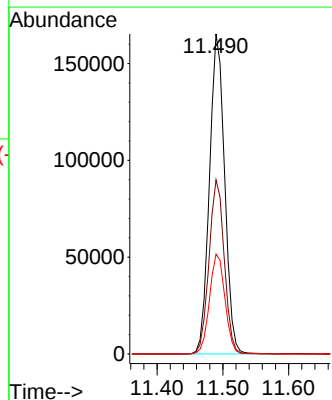
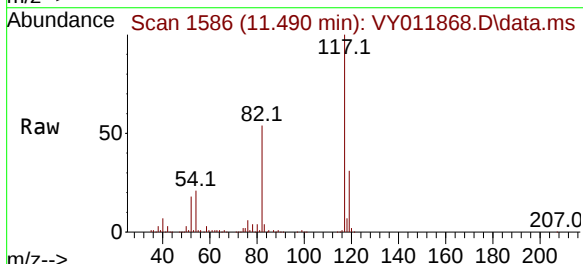
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RB-36-(0-2)

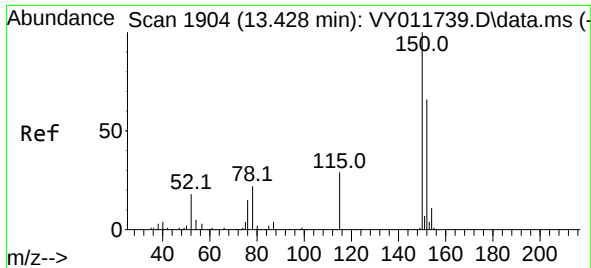
Tgt Ion:	95	Resp:	91796
Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	172.0
176	85.5	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011868.D
Acq: 15 Dec 2022 13:51

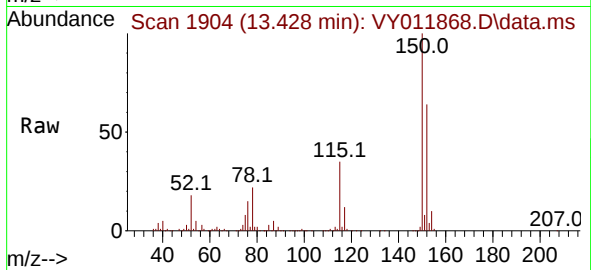
Tgt Ion:	117	Resp:	265622
Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.8	67.2
119	31.1	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011868.D
 Acq: 15 Dec 2022 13:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-36-(0-2)



Tgt Ion:152 Resp: 101368
 Ion Ratio Lower Upper
 152 100
 115 57.8 29.1 87.3
 150 157.3 0.0 342.6

