

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011870.D
 Acq On : 15 Dec 2022 14:36
 Operator : KP/MD
 Sample : N6038-16
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-37-(0-2)

Quant Time: Dec 16 00:14:31 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)

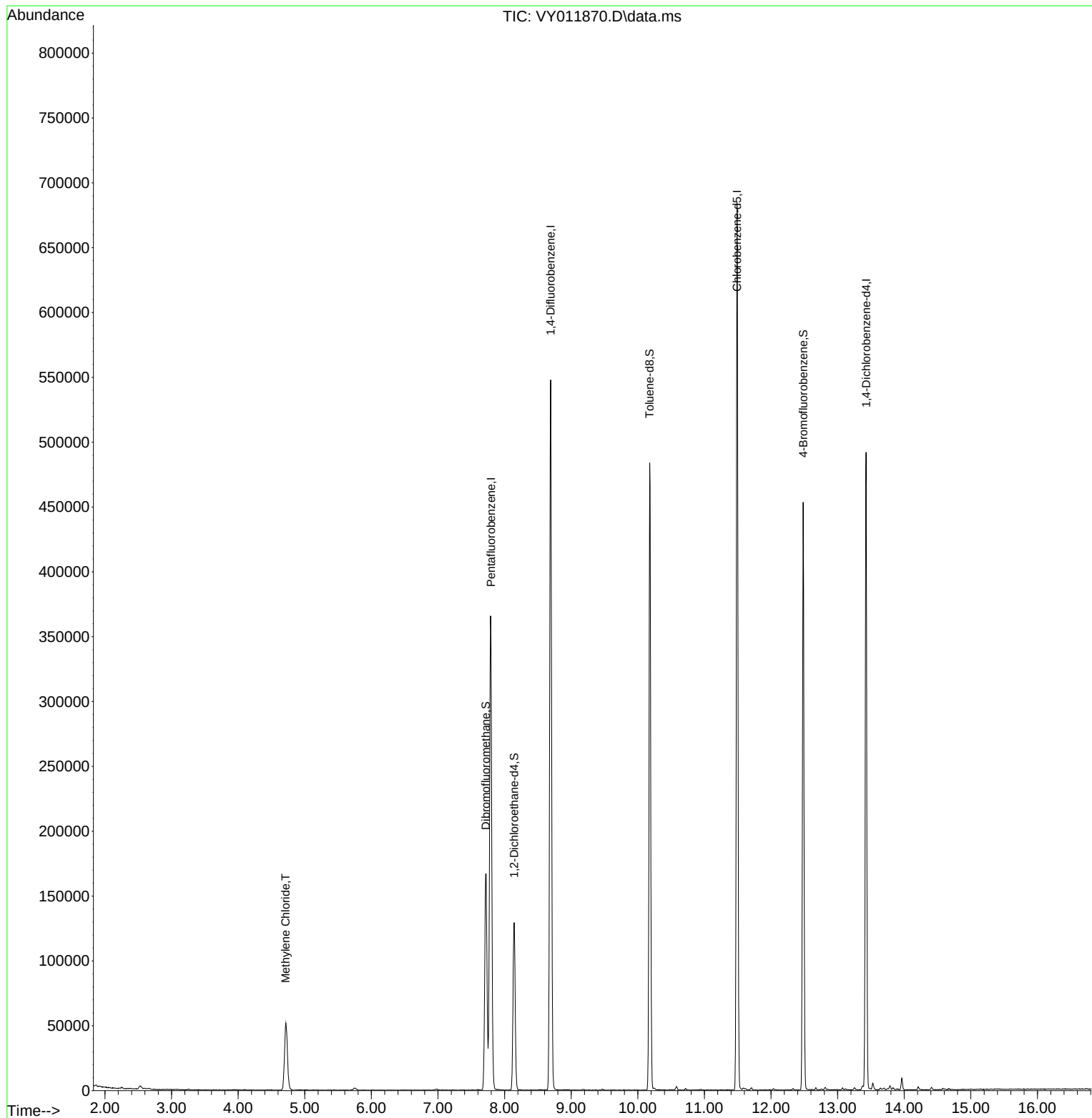
Internal Standards						
1) Pentafluorobenzene	7.795	168	283089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	468086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	371154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	105834	55.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.580%
35) Dibromofluoromethane	7.716	113	119199	57.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.860%
50) Toluene-d8	10.179	98	320399	46.529	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.060%
62) 4-Bromofluorobenzene	12.483	95	128803	47.206	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.420%
Target Compounds						
20) Methylene Chloride	4.710	84	39864	9.759	ug/l	Qvalue 94

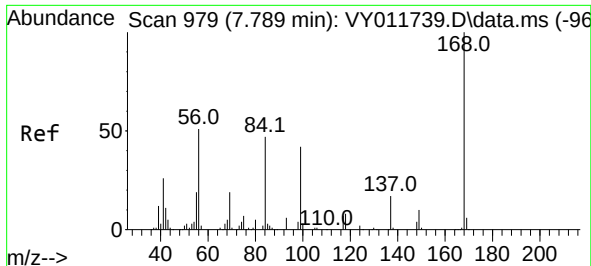
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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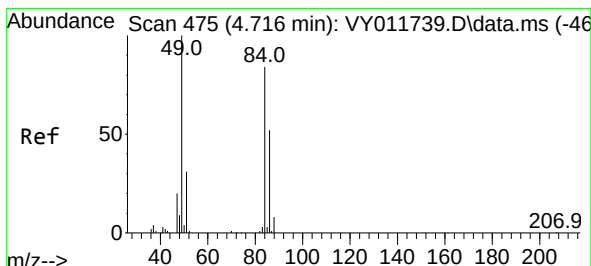
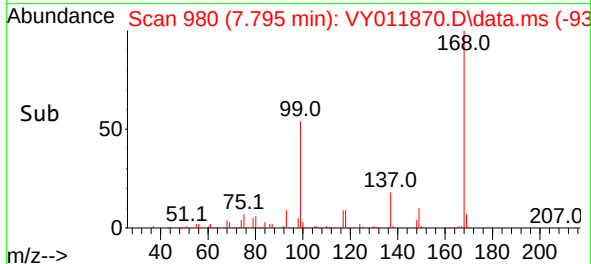
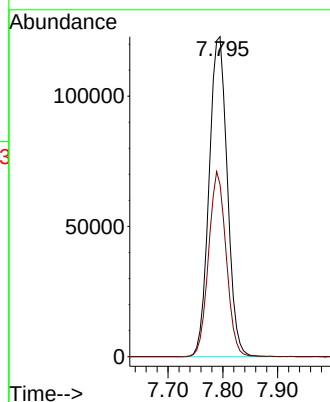
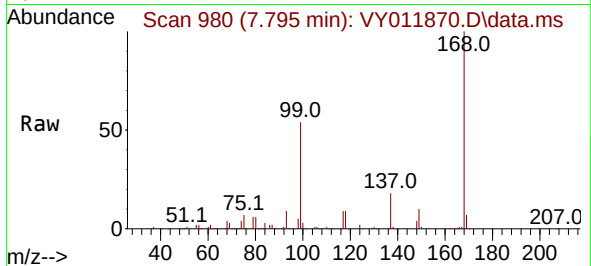




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011870.D
Acq: 15 Dec 2022 14:36

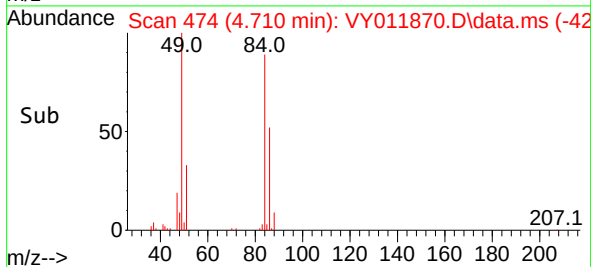
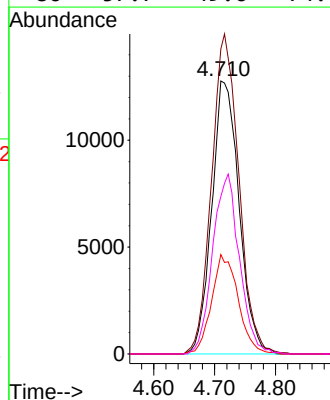
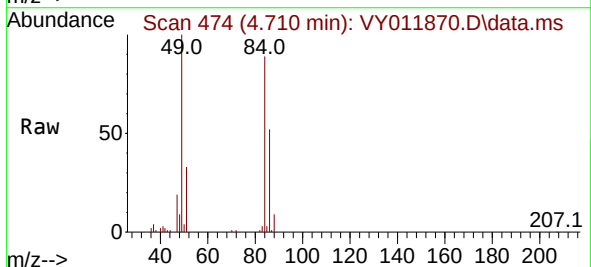
Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(0-2)

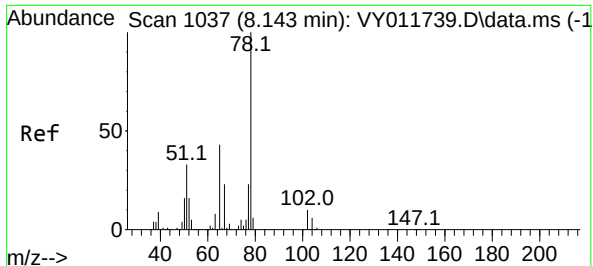
Tgt Ion:168 Resp: 283089
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#20
Methylene Chloride
Concen: 9.759 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011870.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 84 Resp: 39864
Ion Ratio Lower Upper
84 100
49 111.8 95.4 143.2
51 36.4 29.9 44.9
86 57.7 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 55.294 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011870.D

Acq: 15 Dec 2022 14:36

Instrument :

MSVOA_Y

ClientSampleId :

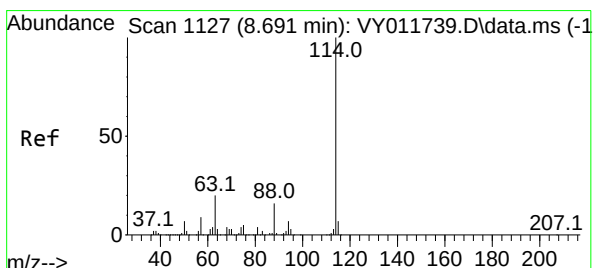
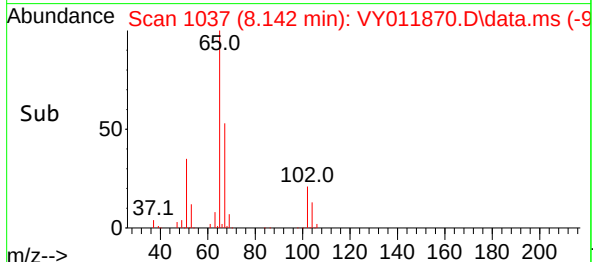
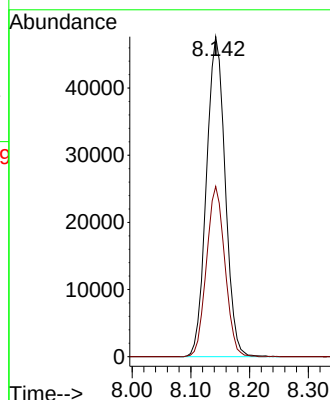
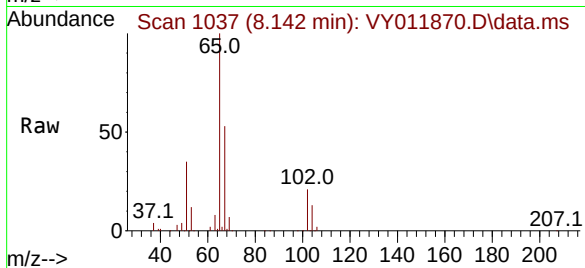
RB-37-(0-2)

Tgt Ion: 65 Resp: 105834

Ion Ratio Lower Upper

65 100

67 52.2 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: VY011870.D

Acq: 15 Dec 2022 14:36

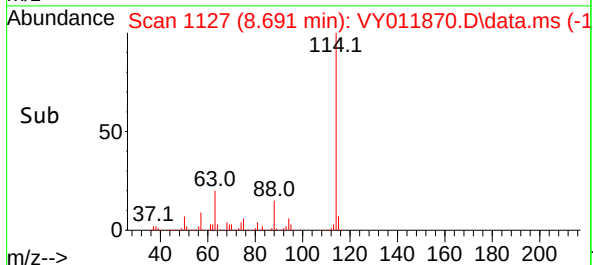
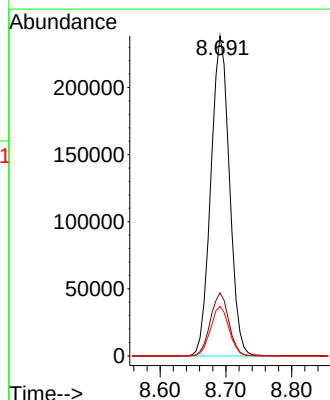
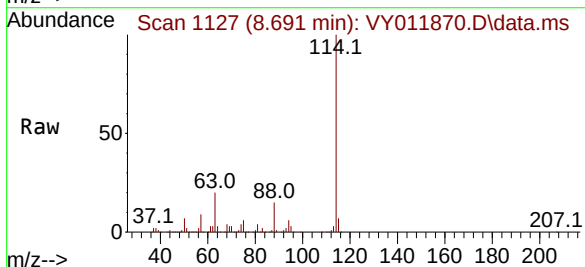
Tgt Ion: 114 Resp: 468086

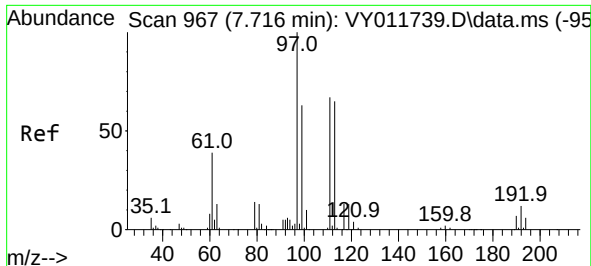
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.5 0.0 32.2

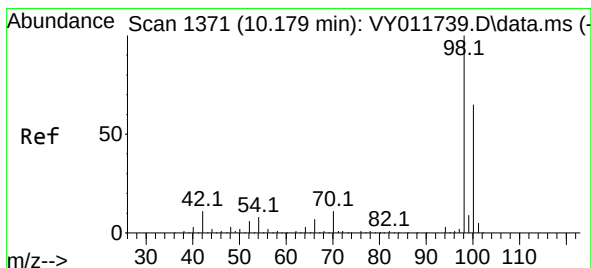
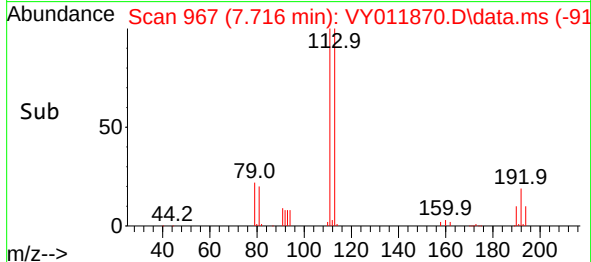
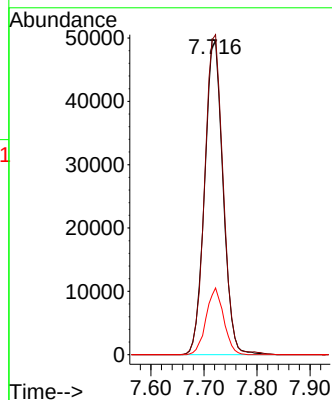
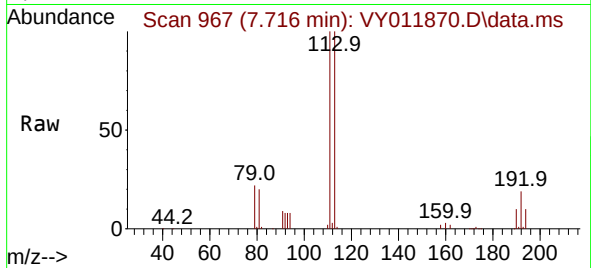




#35
Dibromofluoromethane
Concen: 57.933 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011870.D
Acq: 15 Dec 2022 14:36

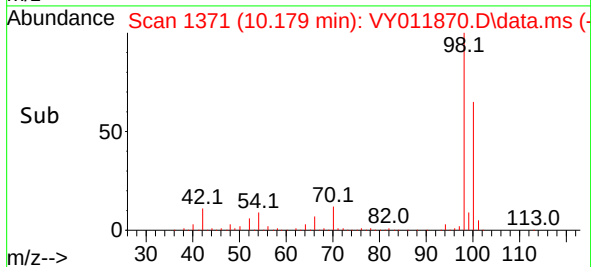
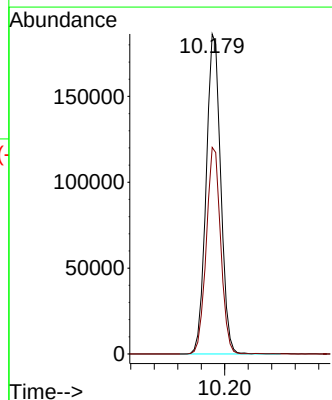
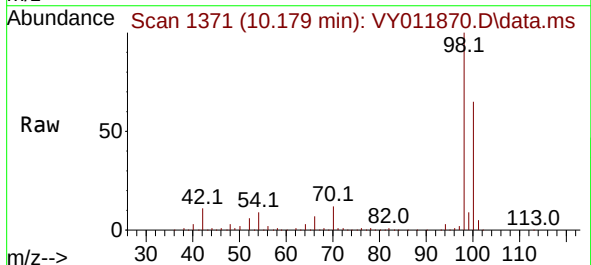
Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(0-2)

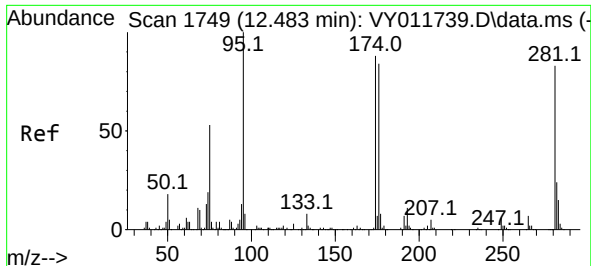
Tgt Ion:113 Resp: 119199
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.4
192 20.3 16.0 24.0



#50
Toluene-d8
Concen: 46.529 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011870.D
Acq: 15 Dec 2022 14:36

Tgt Ion: 98 Resp: 320399
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

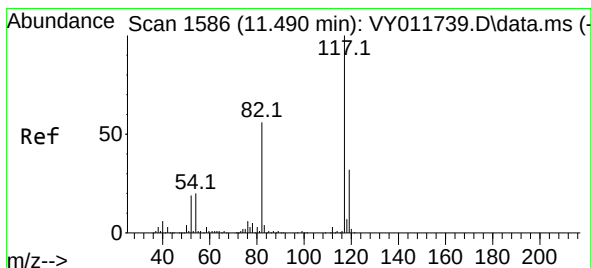
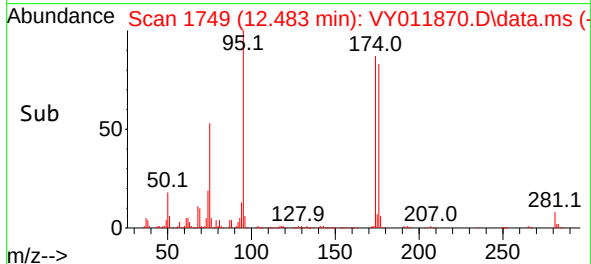
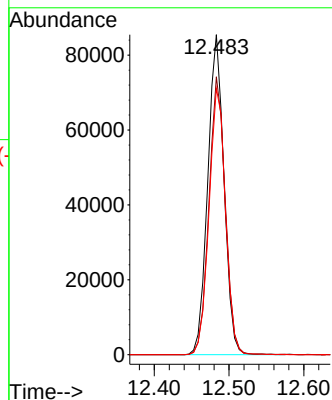
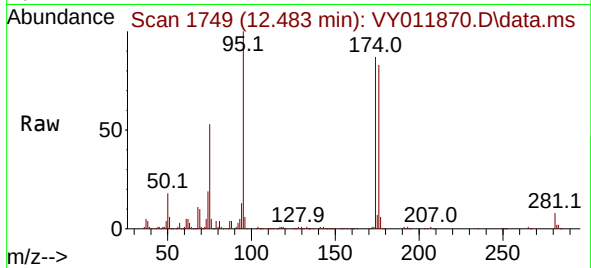




#62
4-Bromofluorobenzene
Concen: 47.206 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011870.D
Acq: 15 Dec 2022 14:36

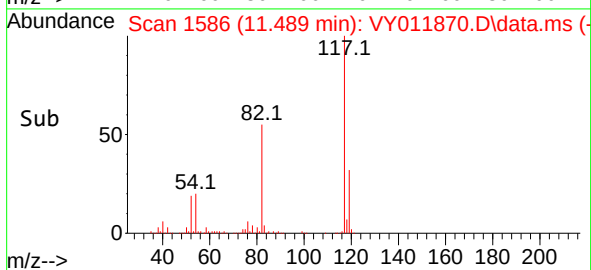
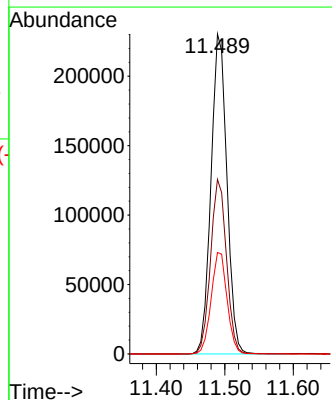
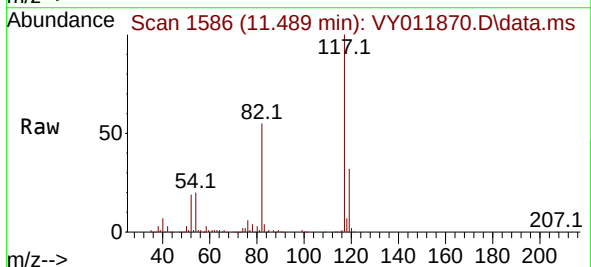
Instrument :
MSVOA_Y
ClientSampleId :
RB-37-(0-2)

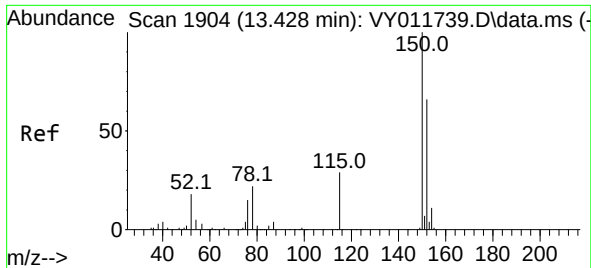
Tgt Ion: 95 Resp: 128803
Ion Ratio Lower Upper
95 100
174 87.3 0.0 172.0
176 84.5 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011870.D
Acq: 15 Dec 2022 14:36

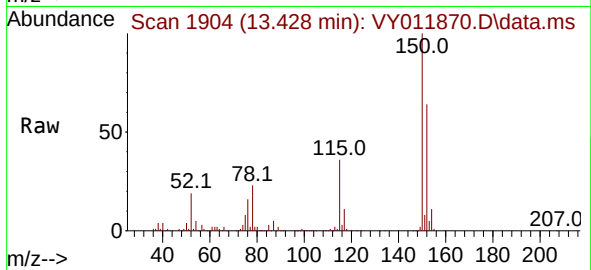
Tgt Ion: 117 Resp: 371154
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 31.7 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011870.D
 Acq: 15 Dec 2022 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-37-(0-2)



Tgt Ion:152 Resp: 128204
 Ion Ratio Lower Upper
 152 100
 115 57.5 29.1 87.3
 150 156.4 0.0 342.6

