

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011814.D
 Acq On : 14 Dec 2022 00:29
 Operator : KP/MD
 Sample : N6037-05
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-20-(5-7)

Quant Time: Dec 14 05:37:11 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	295206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	506959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	445129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	205985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107636	53.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.600%
35) Dibromofluoromethane	7.716	113	111070	49.254	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.500%
50) Toluene-d8	10.179	98	325495	43.170	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.340%
62) 4-Bromofluorobenzene	12.483	95	131610	44.252	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.500%

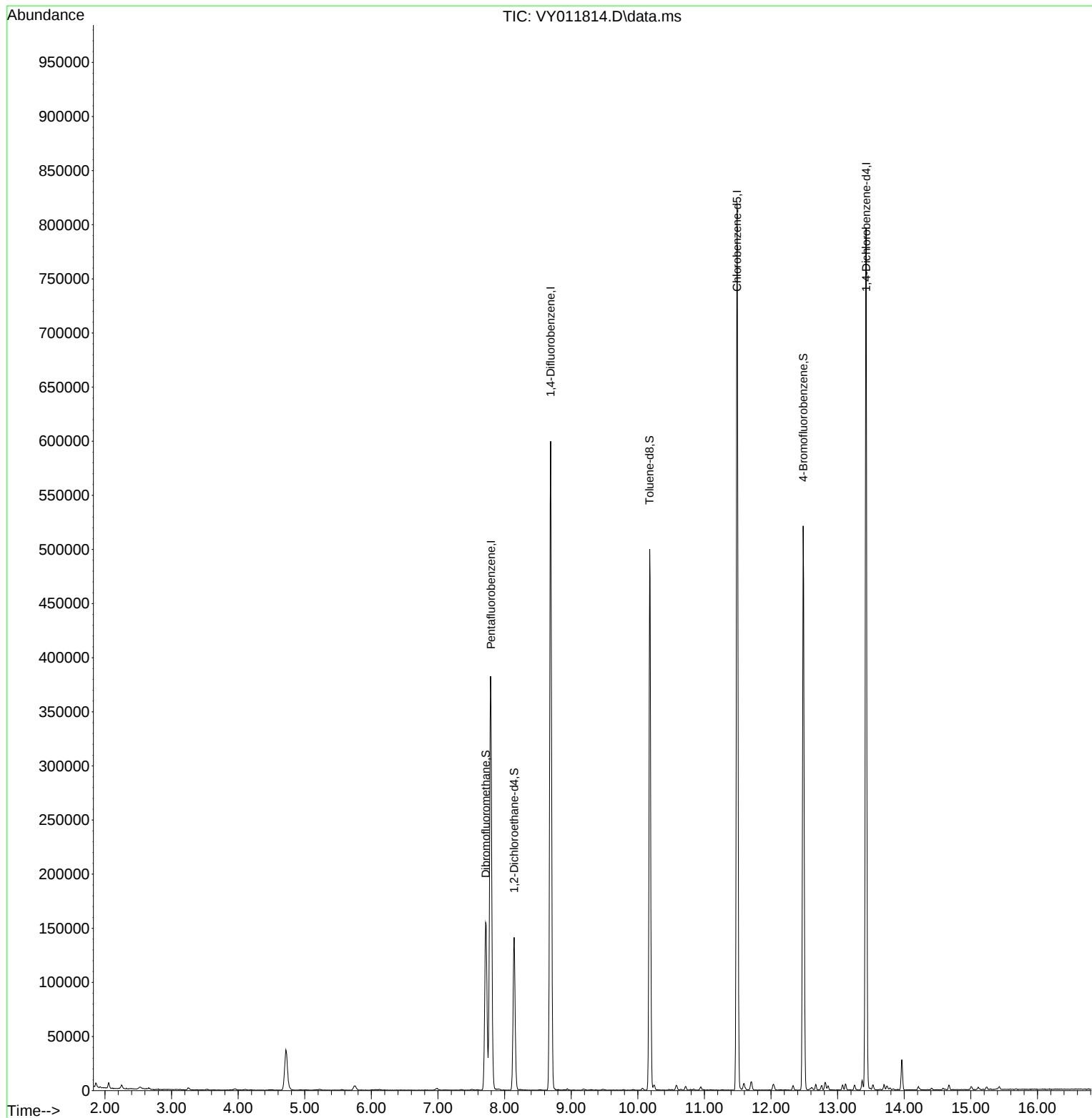
Target Compounds	Qvalue

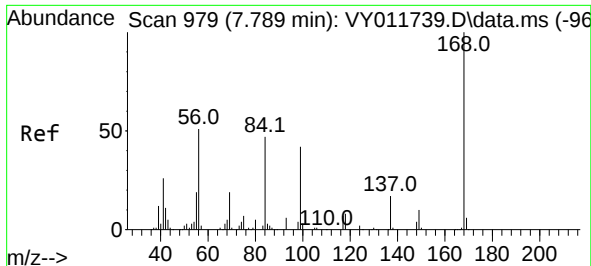
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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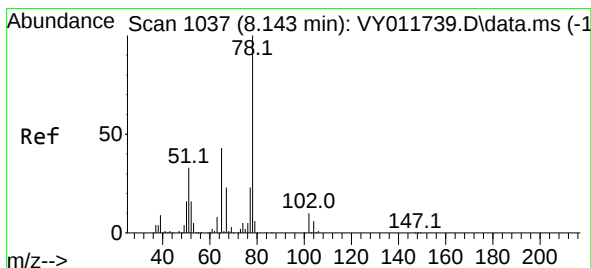
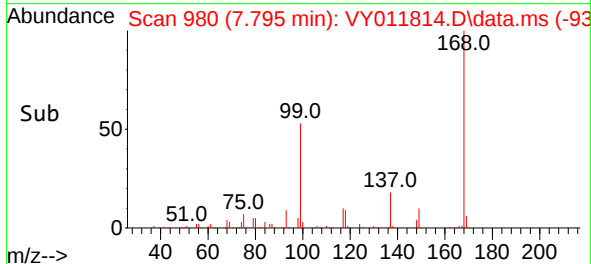
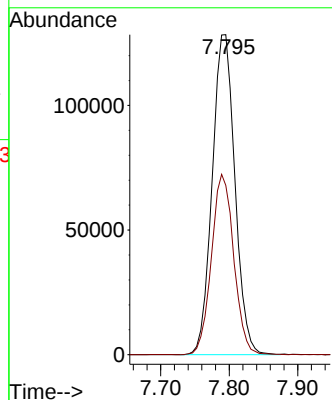
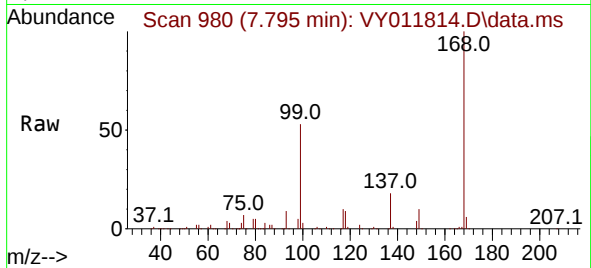




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011814.D
Acq: 14 Dec 2022 00:29

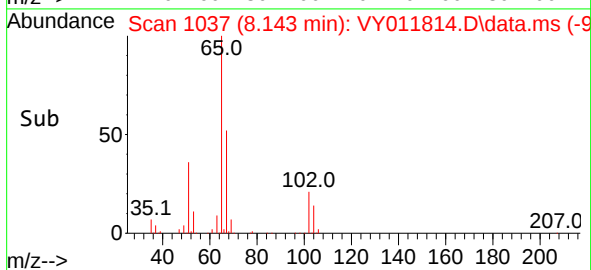
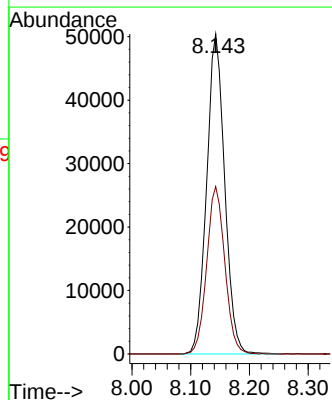
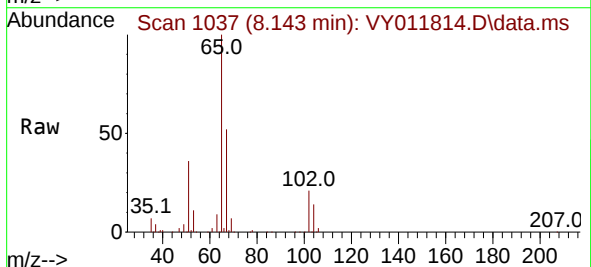
Instrument :
MSVOA_Y
ClientSampleId :
RB-20-(5-7)

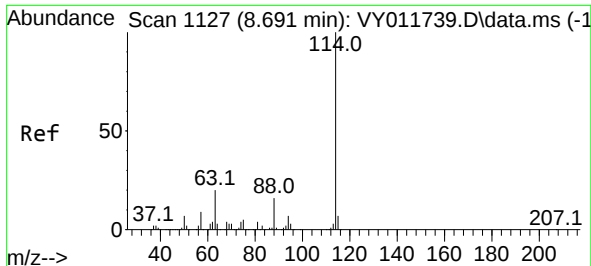
Tgt Ion:168 Resp: 295206
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 53.796 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011814.D
Acq: 14 Dec 2022 00:29

Tgt Ion: 65 Resp: 107636
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.2

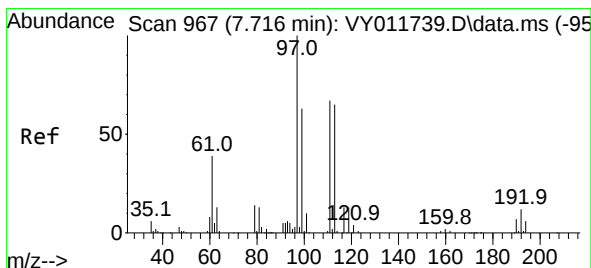
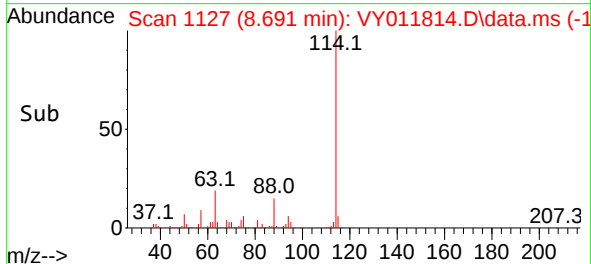
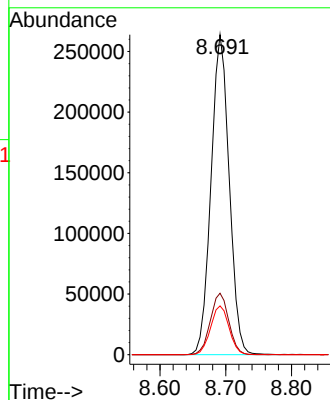
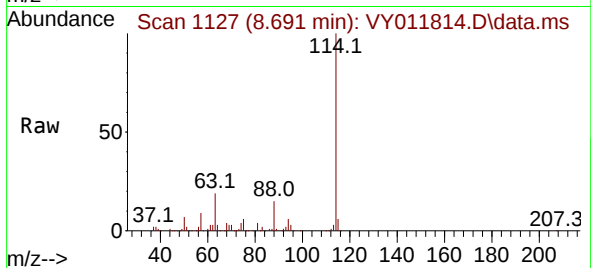




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011814.D
Acq: 14 Dec 2022 00:29

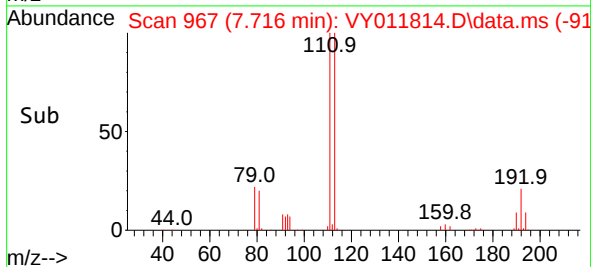
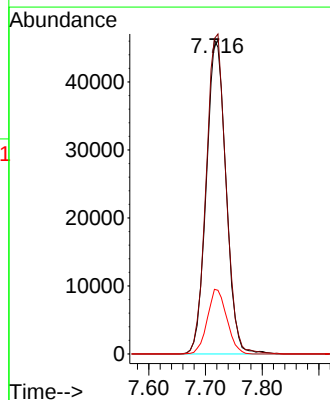
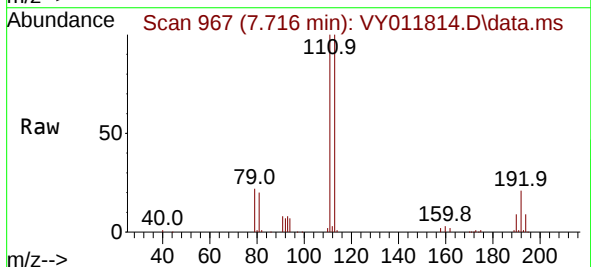
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RB-20-(5-7)

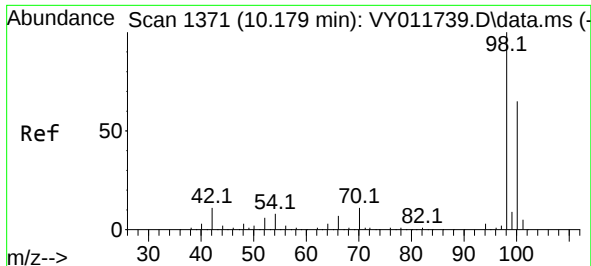
Tgt Ion:	114	Resp:	506959
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.6
88	15.2	0.0	32.2



#35
Dibromofluoromethane
Concen: 49.254 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011814.D
Acq: 14 Dec 2022 00:29

Tgt Ion:	113	Resp:	111070
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.4
192	20.4	16.0	24.0

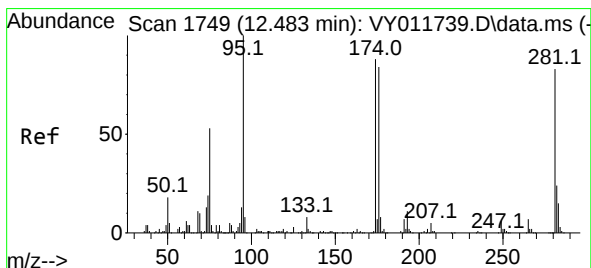
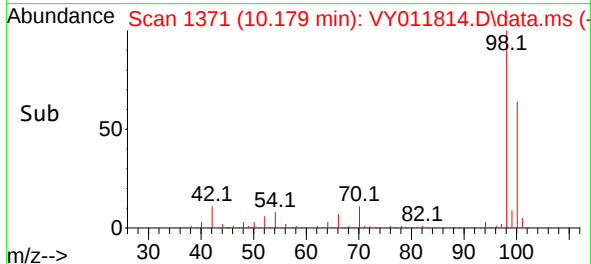
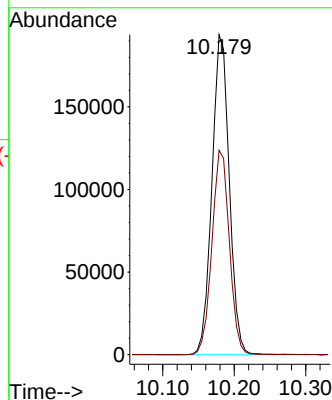
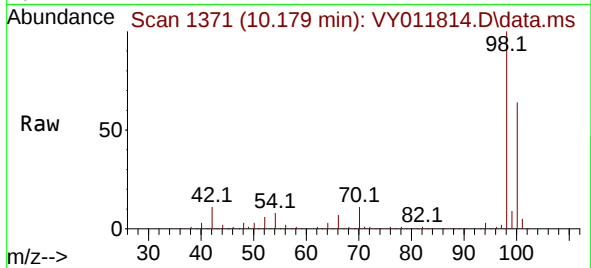




#50
Toluene-d8
Concen: 43.170 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011814.D
Acq: 14 Dec 2022 00:29

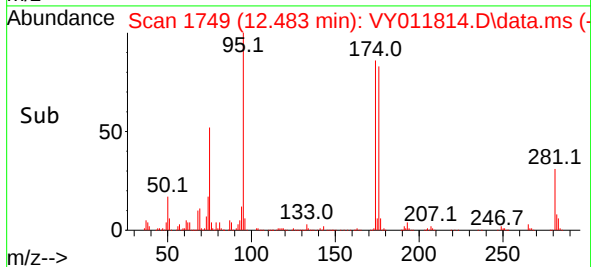
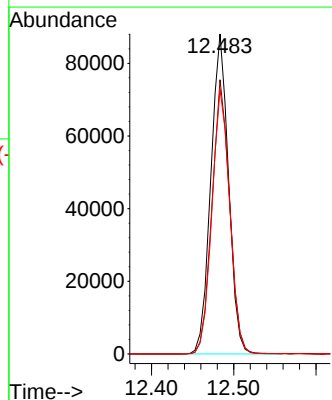
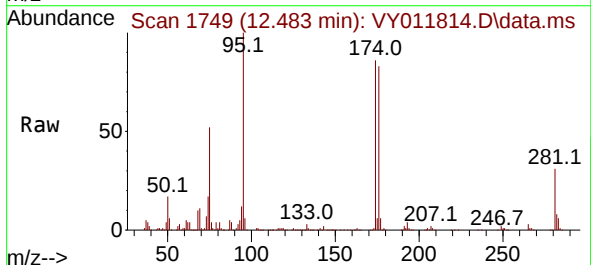
Instrument :
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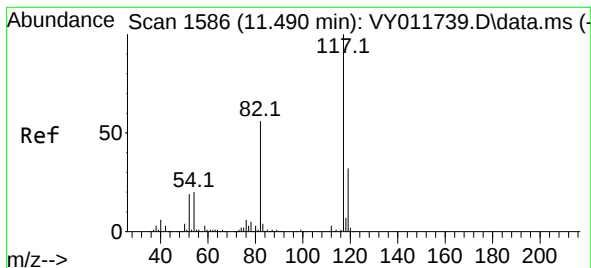
Tgt Ion: 98 Resp: 325495
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.252 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011814.D
Acq: 14 Dec 2022 00:29

Tgt Ion: 95 Resp: 131610
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.0
176 83.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011814.D

Acq: 14 Dec 2022 00:29

Instrument :

MSVOA_Y

ClientSampleId :

RB-20-(5-7)

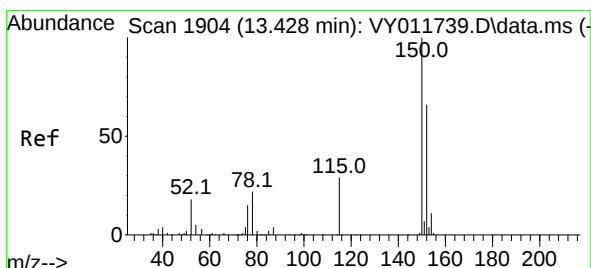
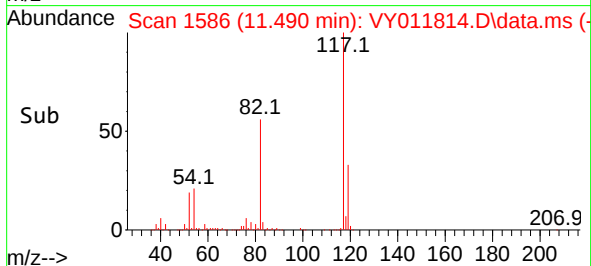
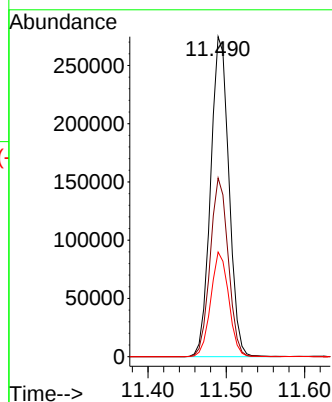
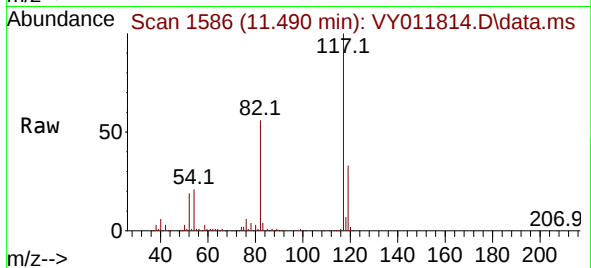
Tgt Ion:117 Resp: 445129

Ion Ratio Lower Upper

117 100

82 55.9 44.8 67.2

119 32.7 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: VY011814.D

Acq: 14 Dec 2022 00:29

Tgt Ion:152 Resp: 205985

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

150 157.2 0.0 342.6

