

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009966.D
 Acq On : 11 Aug 2022 16:09
 Operator : KP/MD
 Sample : N4122-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200027

Quant Time: Aug 12 02:49:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	65606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	132615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25869	50.789	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.580%
35) Dibromofluoromethane	7.710	113	25854	33.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.760%
50) Toluene-d8	10.173	98	98292	43.268	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.540%
62) 4-Bromofluorobenzene	12.477	95	31366	29.240	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	58.480%

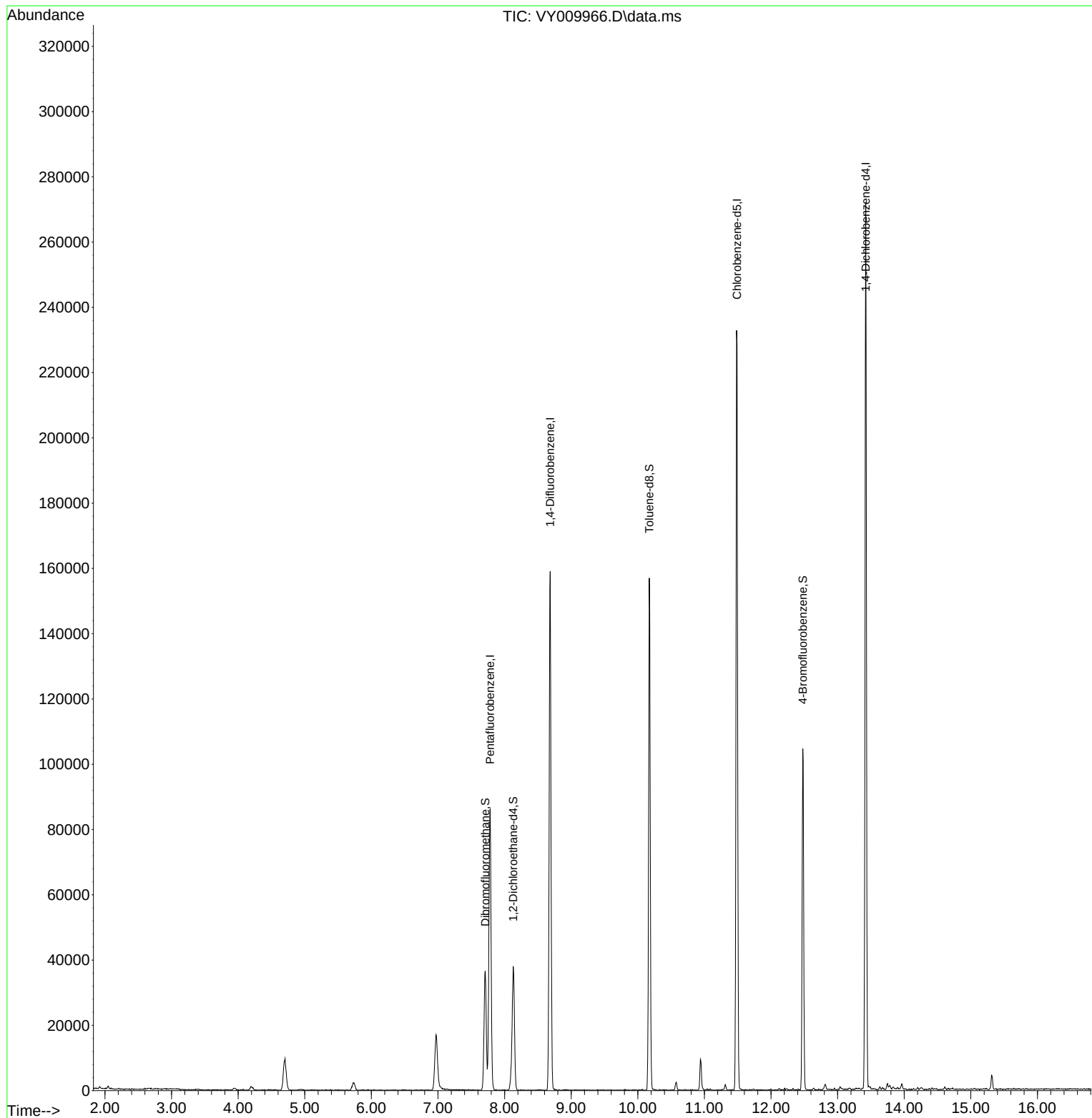
Target Compounds	Qvalue

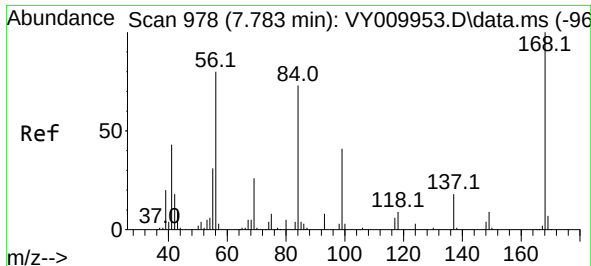
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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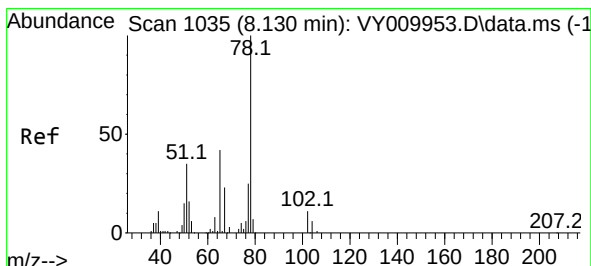
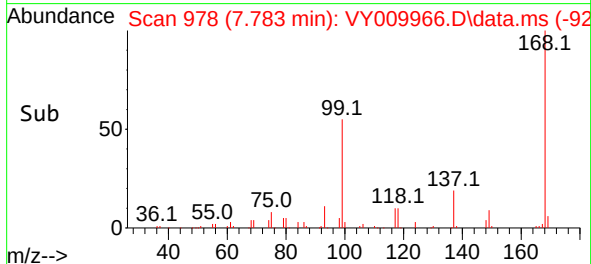
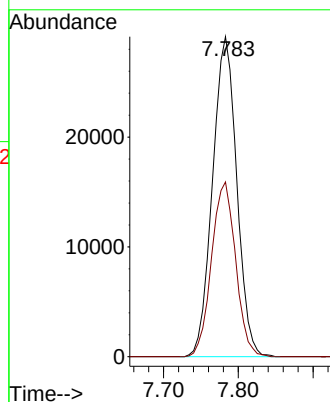
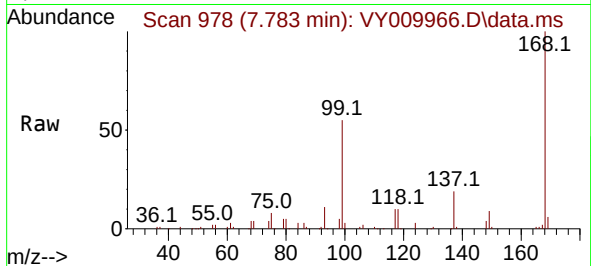




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009966.D
Acq: 11 Aug 2022 16:09

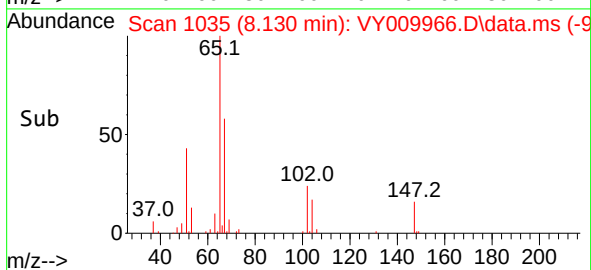
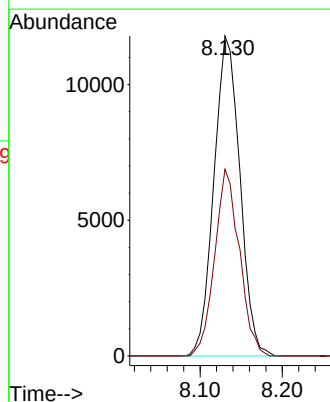
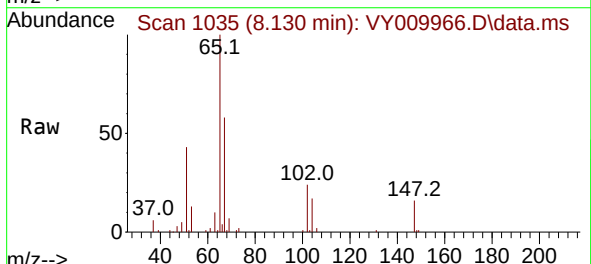
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200027

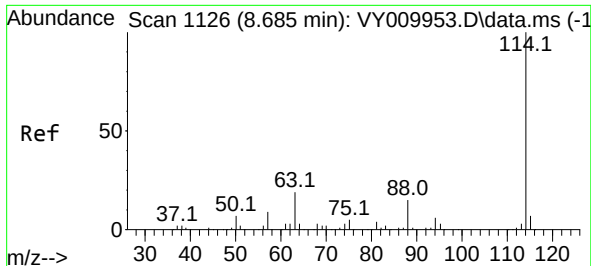
Tgt Ion:168 Resp: 65606
Ion Ratio Lower Upper
168 100
99 54.6 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 50.789 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009966.D
Acq: 11 Aug 2022 16:09

Tgt Ion: 65 Resp: 25869
Ion Ratio Lower Upper
65 100
67 55.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009966.D

Acq: 11 Aug 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200027

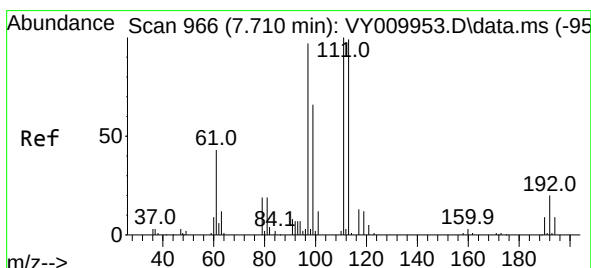
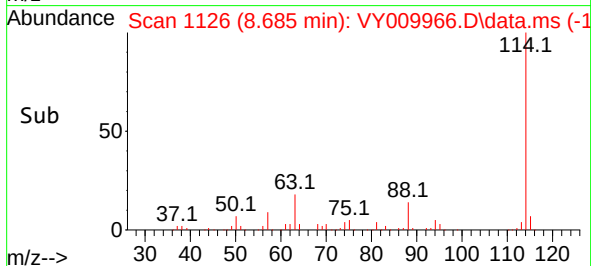
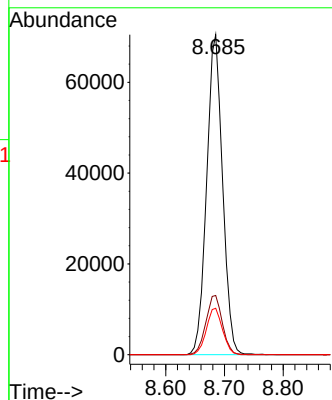
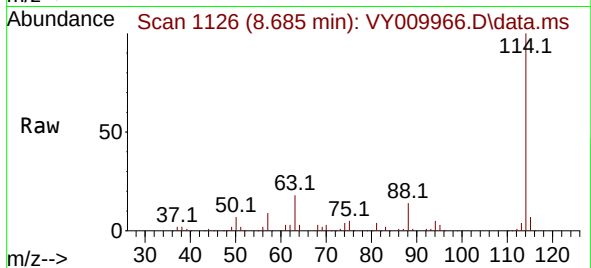
Tgt Ion:114 Resp: 132615

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.0

88 14.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 33.884 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009966.D

Acq: 11 Aug 2022 16:09

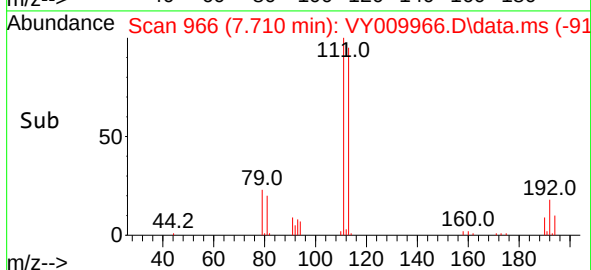
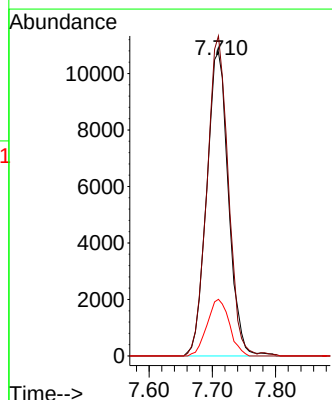
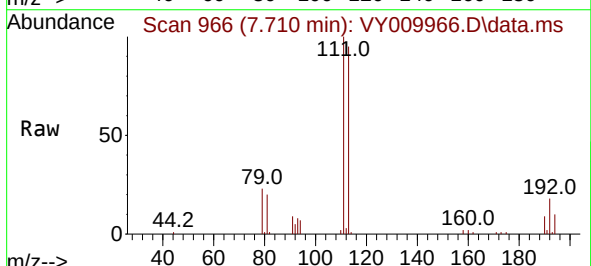
Tgt Ion:113 Resp: 25854

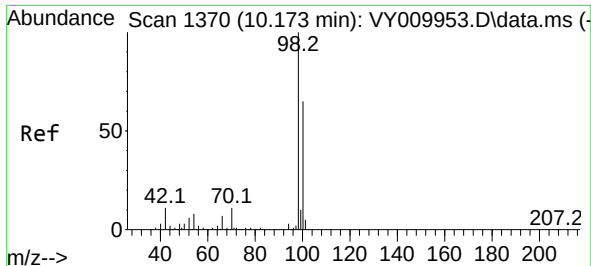
Ion Ratio Lower Upper

113 100

111 102.4 80.6 120.8

192 19.0 16.2 24.4

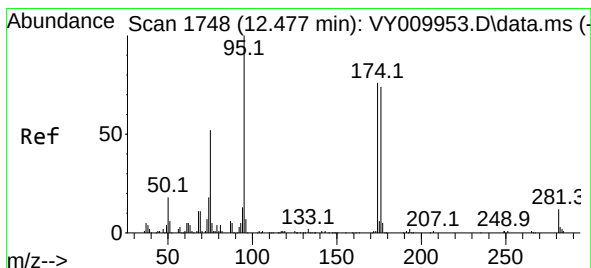
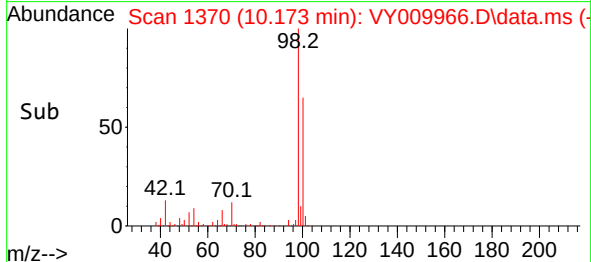
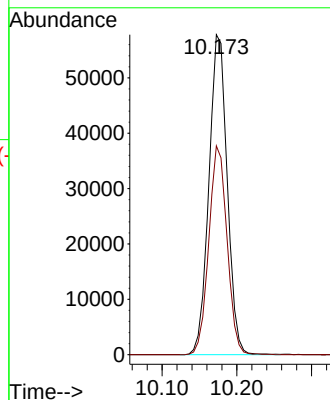
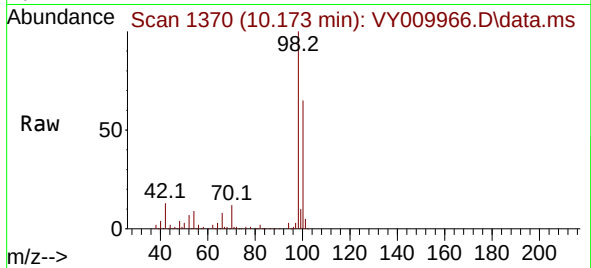




#50
Toluene-d8
Concen: 43.268 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009966.D
Acq: 11 Aug 2022 16:09

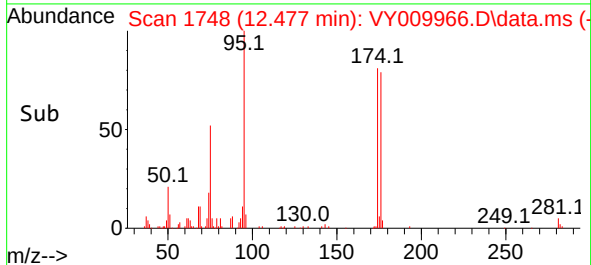
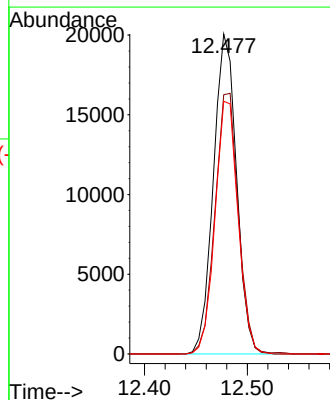
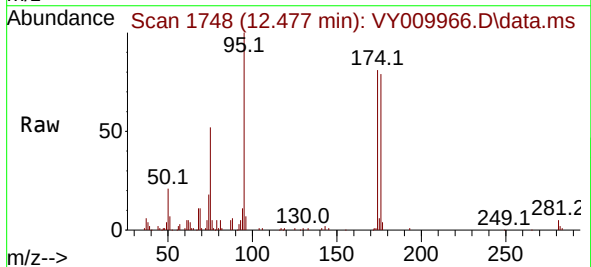
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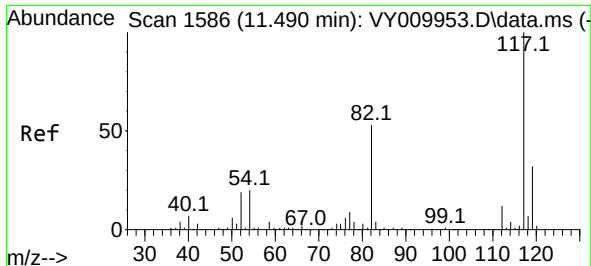
Tgt Ion: 98 Resp: 98292
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.240 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009966.D
Acq: 11 Aug 2022 16:09

Tgt Ion: 95 Resp: 31366
Ion Ratio Lower Upper
95 100
174 82.1 0.0 173.8
176 78.5 0.0 167.0

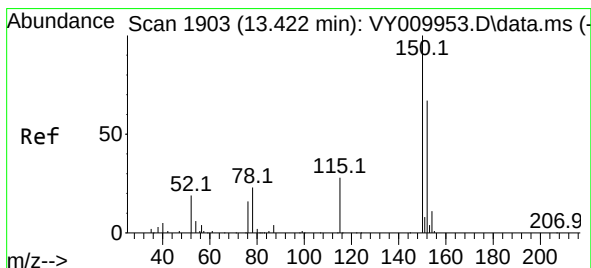
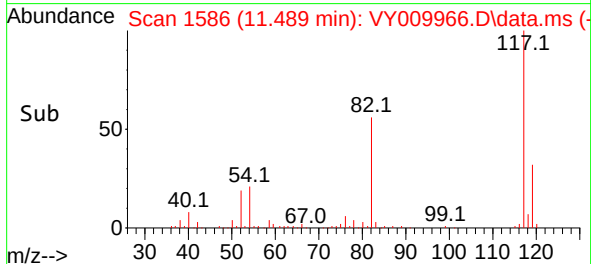
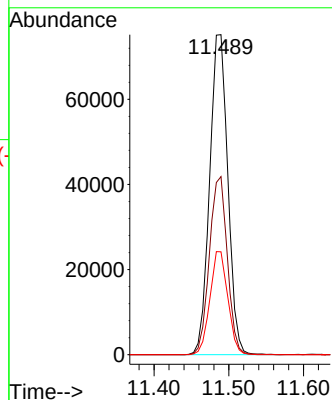
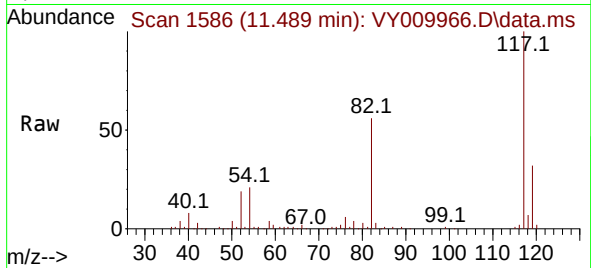




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009966.D
Acq: 11 Aug 2022 16:09

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200027

Tgt Ion:117 Resp: 126958
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.6
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009966.D
Acq: 11 Aug 2022 16:09

Tgt Ion:152 Resp: 65377
Ion Ratio Lower Upper
152 100
115 58.3 28.6 85.9
150 157.6 0.0 349.8

