

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009991.D
 Acq On : 12 Aug 2022 17:14
 Operator : KP/MD
 Sample : VY0812SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBL01

Quant Time: Aug 13 02:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	114690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	232526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	229770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47213	40.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.160%
35) Dibromofluoromethane	7.710	113	47471	33.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.720%
50) Toluene-d8	10.173	98	175461	32.177	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	64.360%
62) 4-Bromofluorobenzene	12.477	95	61928	30.996	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.000%

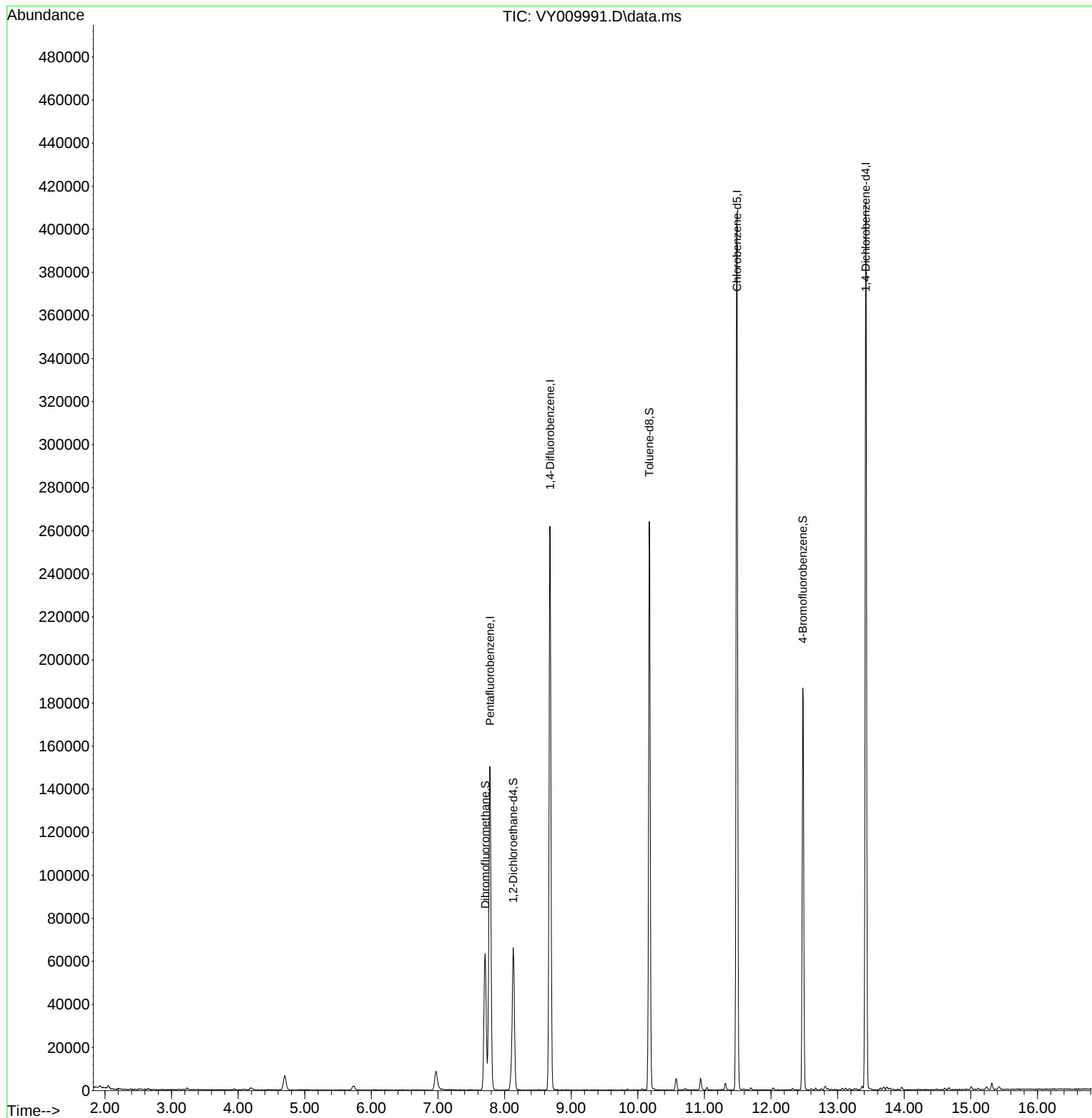
Target Compounds	Qvalue

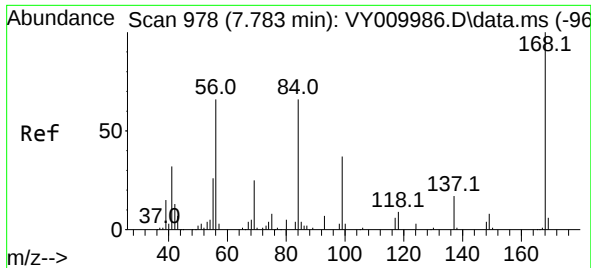
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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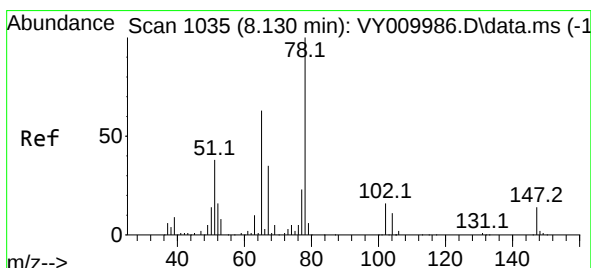
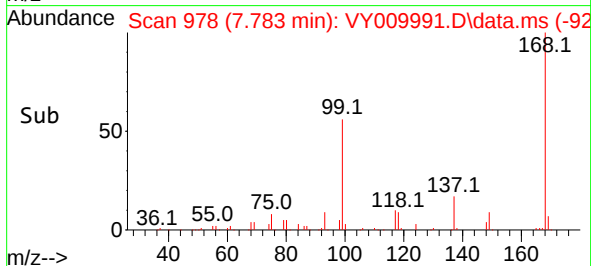
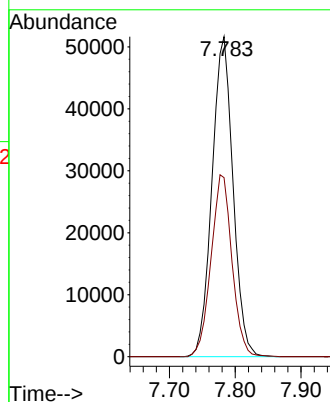
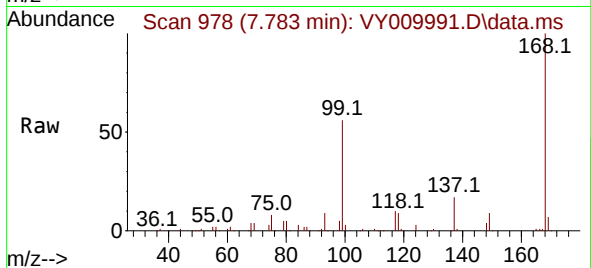




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

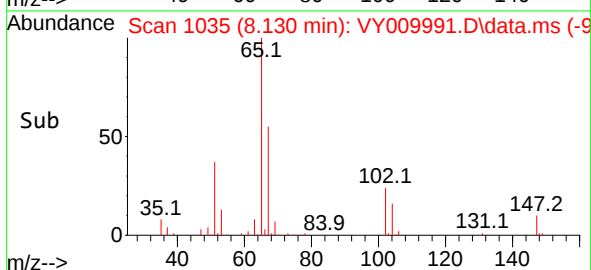
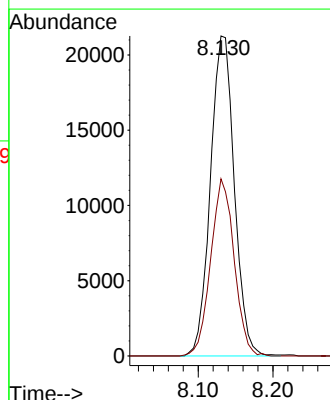
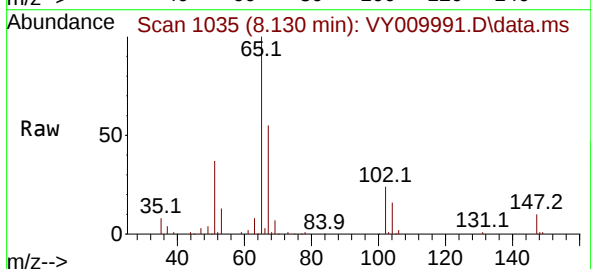
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBL01

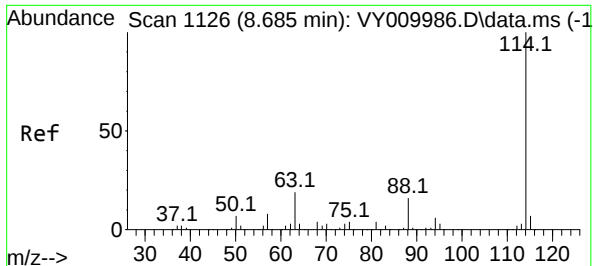
Tgt Ion:168 Resp: 114690
Ion Ratio Lower Upper
168 100
99 55.9 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 40.581 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

Tgt Ion: 65 Resp: 47213
Ion Ratio Lower Upper
65 100
67 54.4 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: VY009991.D

Acq: 12 Aug 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBL01

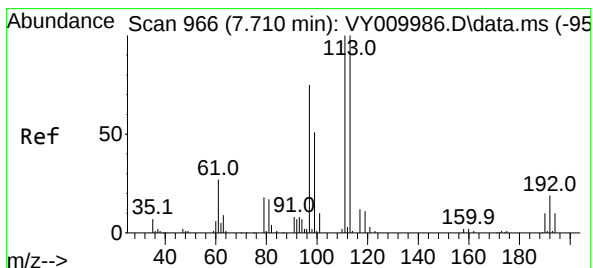
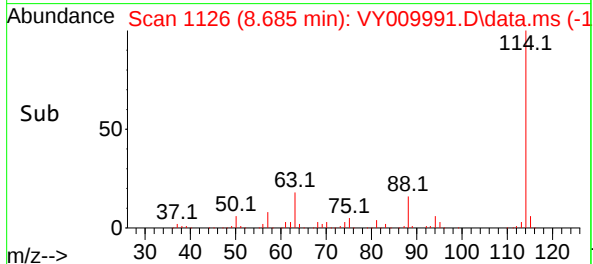
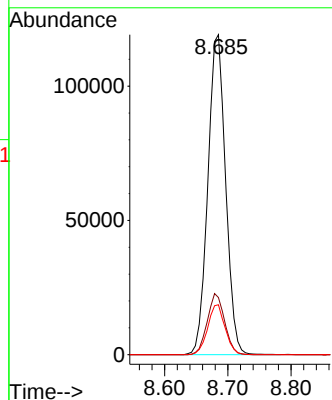
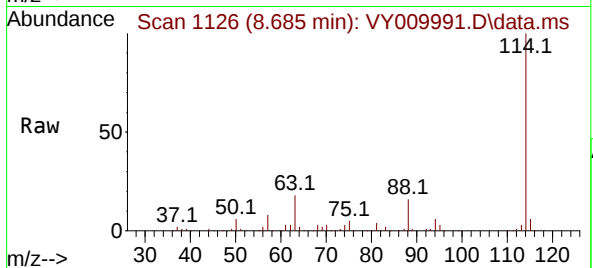
Tgt Ion:114 Resp: 232526

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.0

88 15.6 0.0 30.0



#35

Dibromofluoromethane

Concen: 33.356 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009991.D

Acq: 12 Aug 2022 17:14

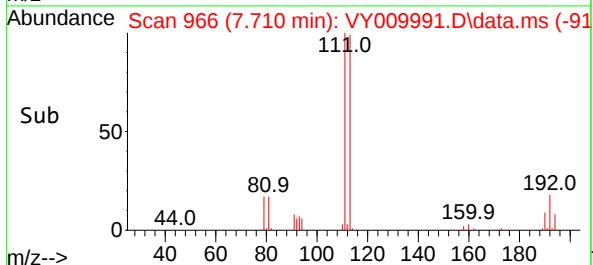
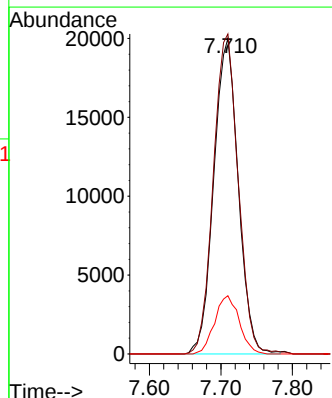
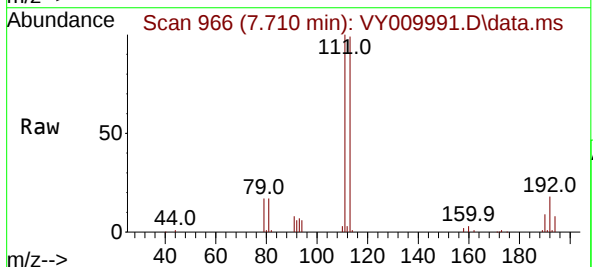
Tgt Ion:113 Resp: 47471

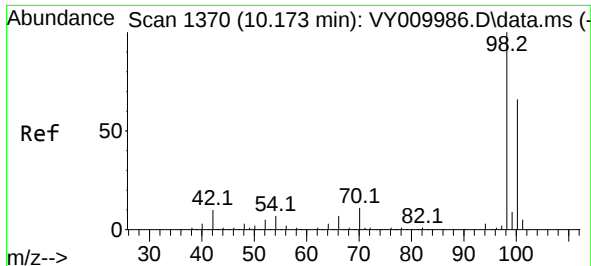
Ion Ratio Lower Upper

113 100

111 102.9 80.6 120.8

192 18.6 16.2 24.4

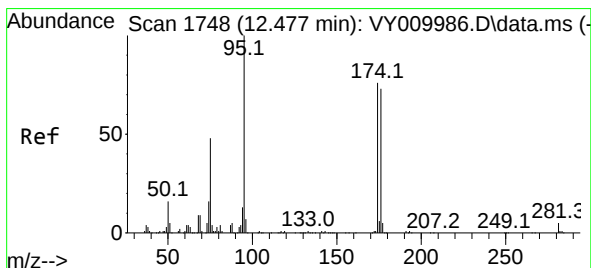
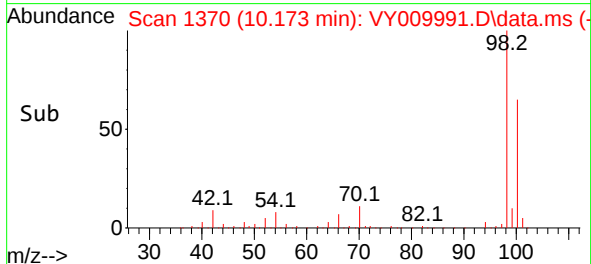
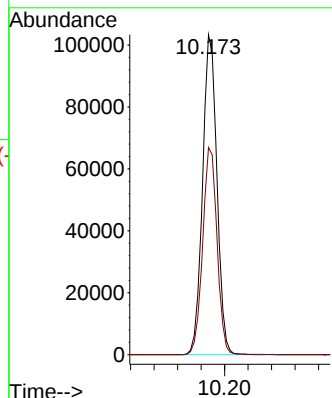
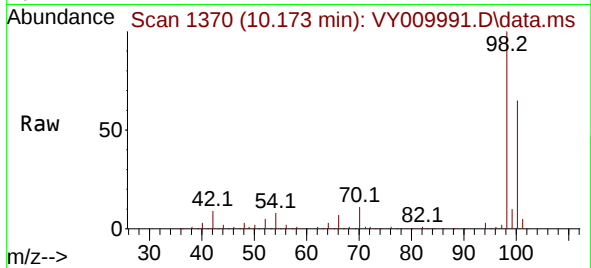




#50
Toluene-d8
Concen: 32.177 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

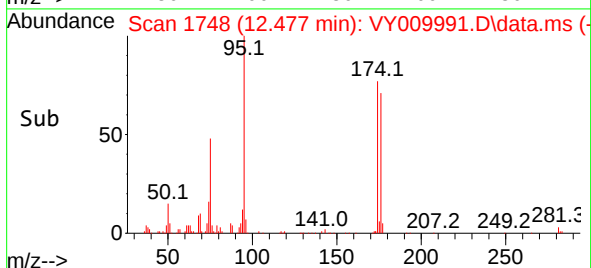
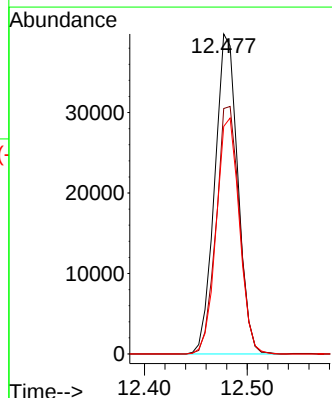
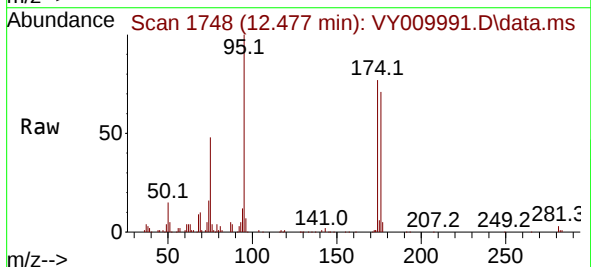
Instrument :
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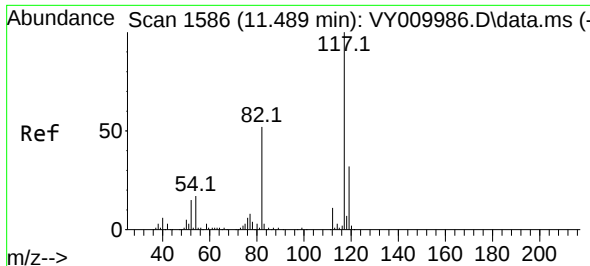
Tgt Ion: 98 Resp: 175461
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 30.996 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

Tgt Ion: 95 Resp: 61928
Ion Ratio Lower Upper
95 100
174 78.0 0.0 173.8
176 73.7 0.0 167.0

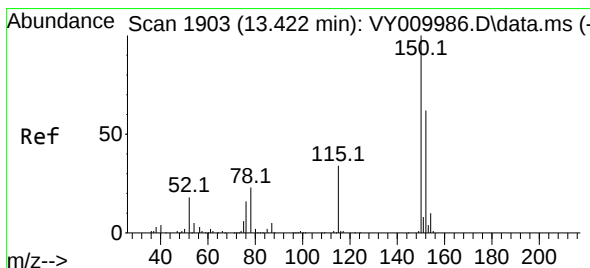
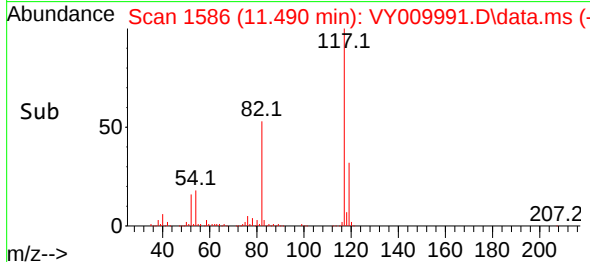
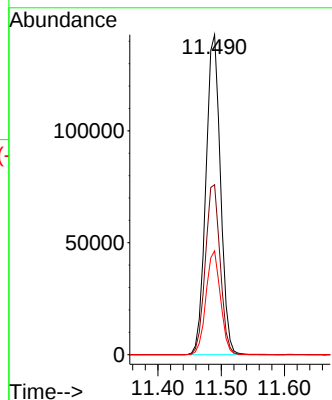
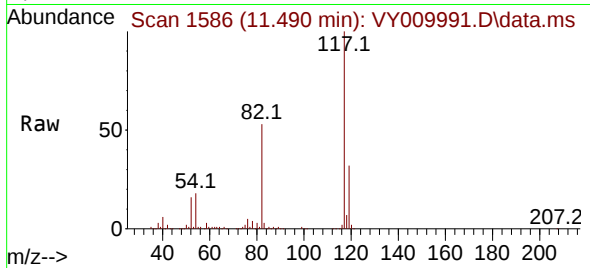




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009991.D
Acq: 12 Aug 2022 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBL01

Tgt Ion:117 Resp: 229770
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.6
119 32.5 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: VY009991.D
Acq: 12 Aug 2022 17:14

Tgt Ion:152 Resp: 105990
Ion Ratio Lower Upper
152 100
115 59.4 28.6 85.9
150 157.0 0.0 349.8

