

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009960.D
 Acq On : 11 Aug 2022 13:39
 Operator : KP/MD
 Sample : VY0811SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBL01

Quant Time: Aug 12 02:48:07 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	67069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	133964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62896	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	31086	60.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.640%
35) Dibromofluoromethane	7.710	113	28660	36.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.840%
50) Toluene-d8	10.173	98	109289	47.221	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.477	95	37917	34.277	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.560%

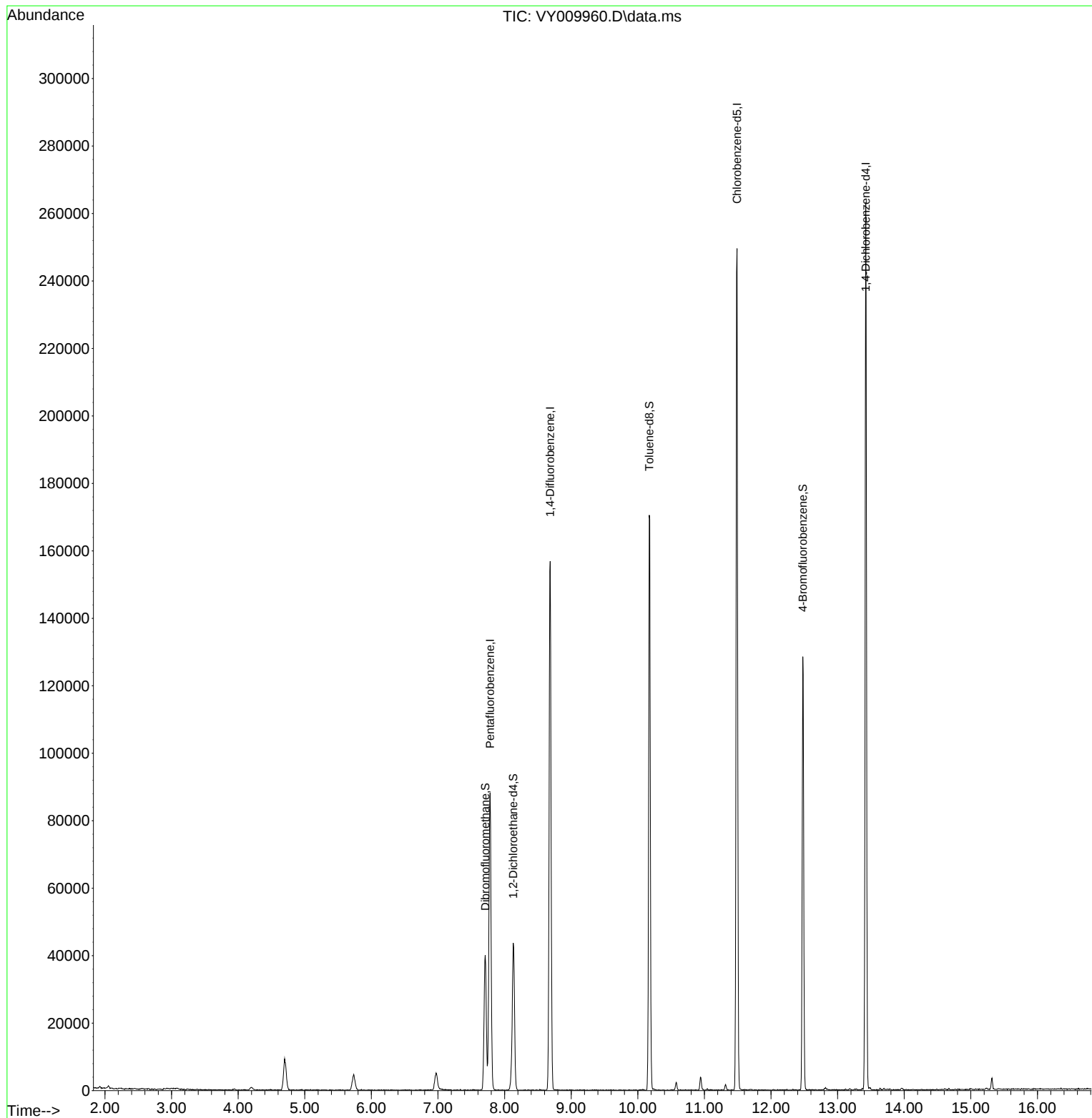
Target Compounds	Qvalue

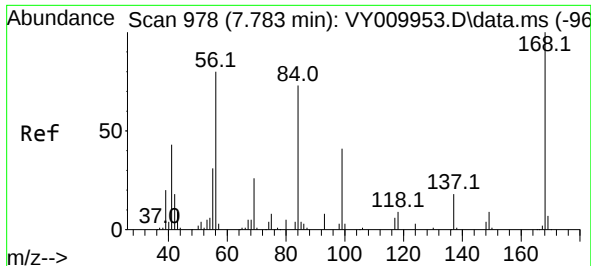
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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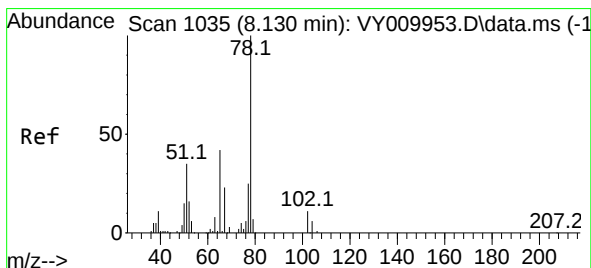
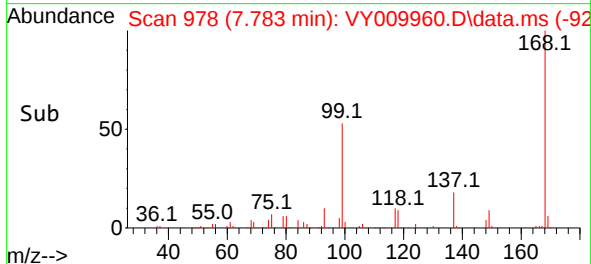
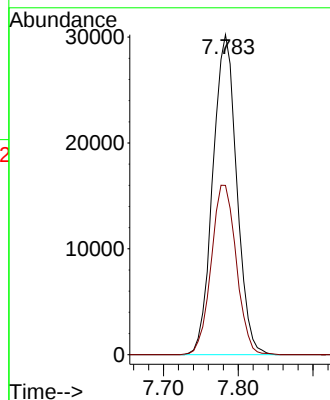
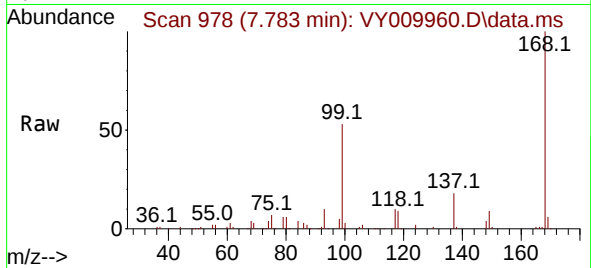




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

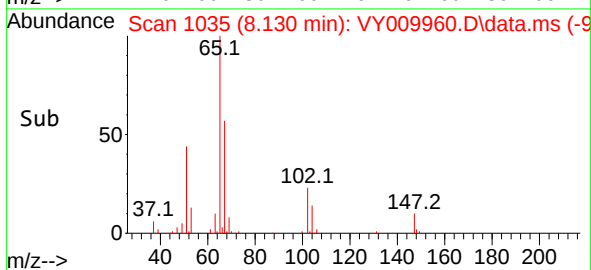
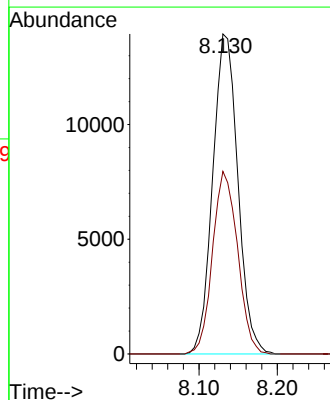
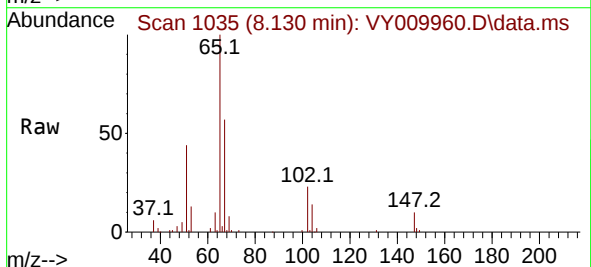
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

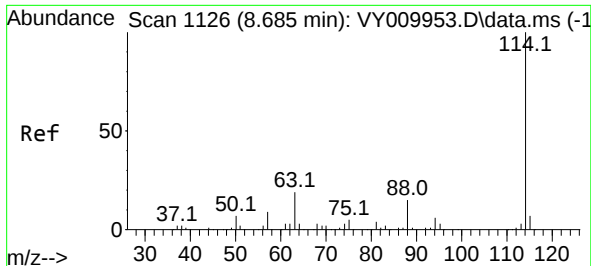
Tgt Ion:168 Resp: 67069
Ion Ratio Lower Upper
168 100
99 52.9 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 60.818 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

Tgt Ion: 65 Resp: 31086
Ion Ratio Lower Upper
65 100
67 56.9 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: VY009960.D

Acq: 11 Aug 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0811SBL01

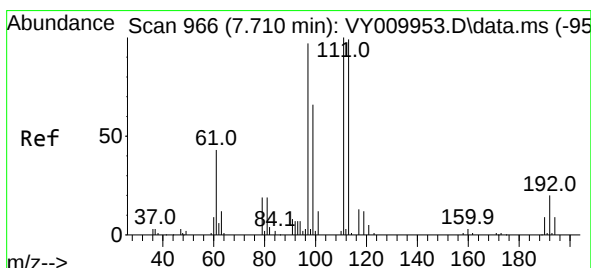
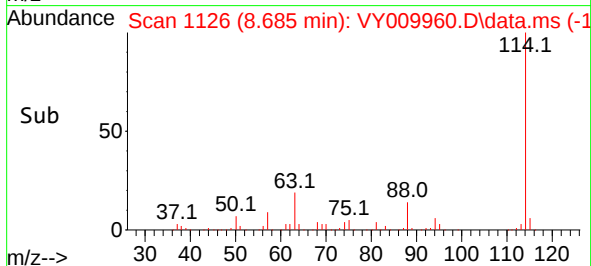
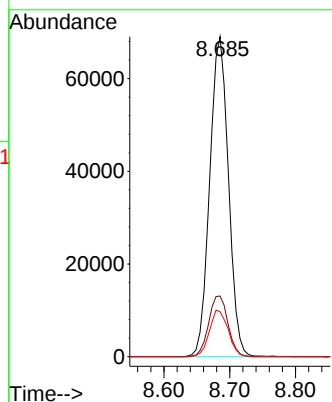
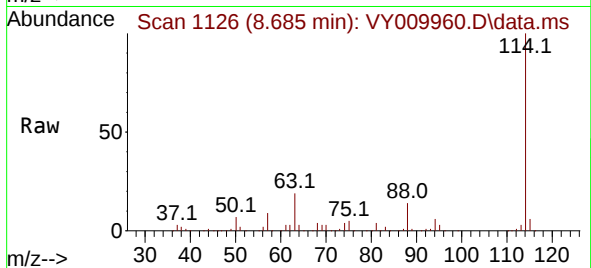
Tgt Ion:114 Resp: 136756

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

88 14.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 36.424 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009960.D

Acq: 11 Aug 2022 13:39

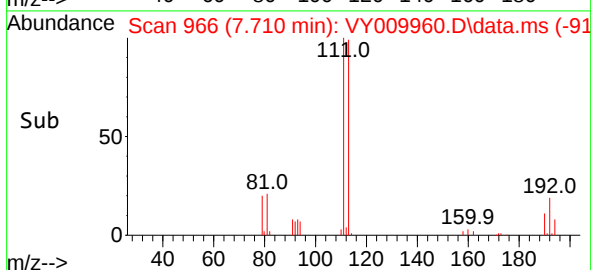
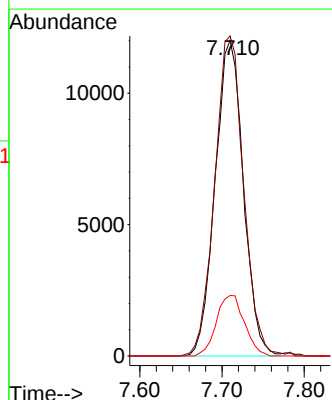
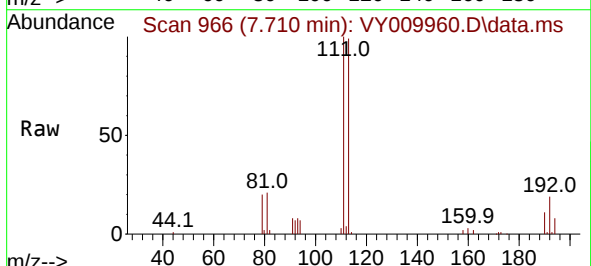
Tgt Ion:113 Resp: 28660

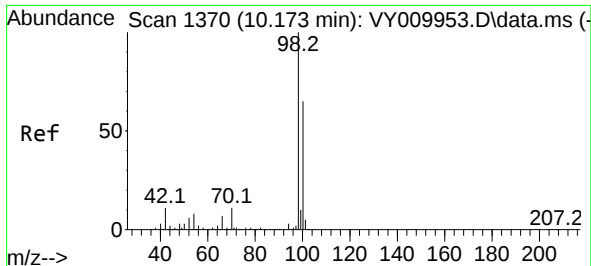
Ion Ratio Lower Upper

113 100

111 103.5 80.6 120.8

192 19.0 16.2 24.4

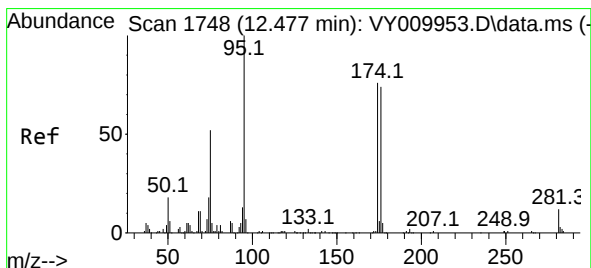
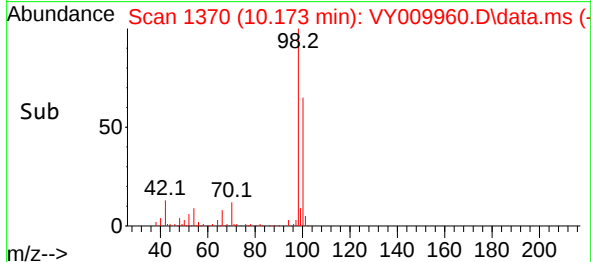
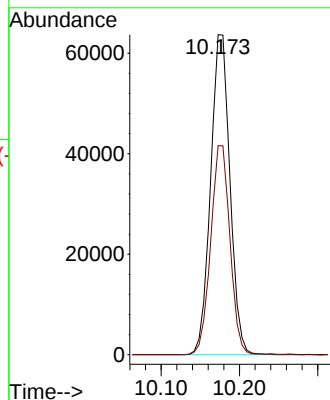
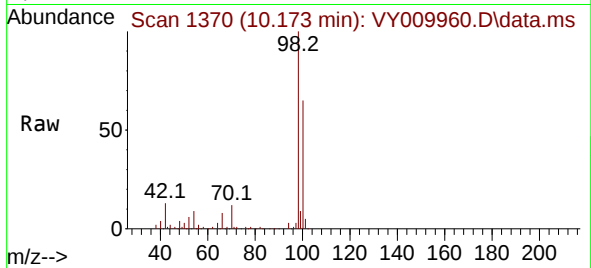




#50
Toluene-d8
Concen: 47.221 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

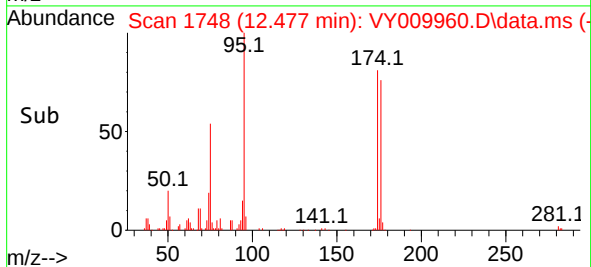
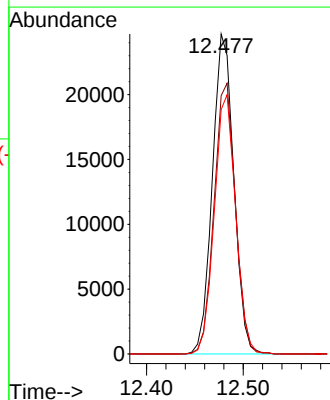
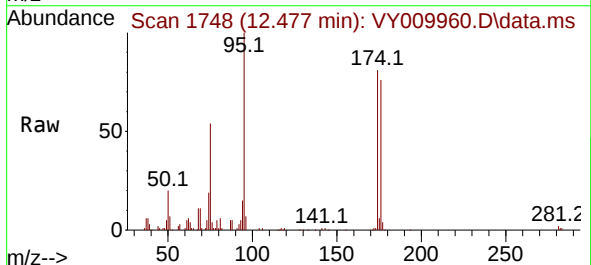
Instrument :
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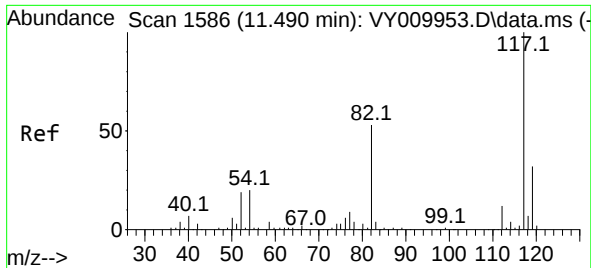
Tgt Ion: 98 Resp: 109289
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 34.277 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

Tgt Ion: 95 Resp: 37917
Ion Ratio Lower Upper
95 100
174 84.4 0.0 173.8
176 80.5 0.0 167.0

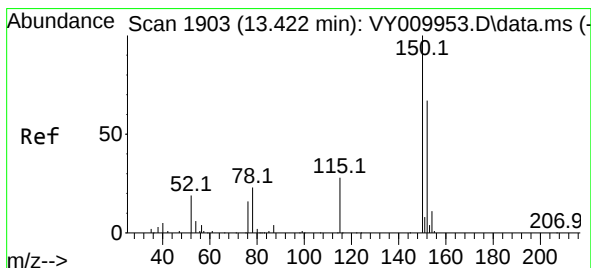
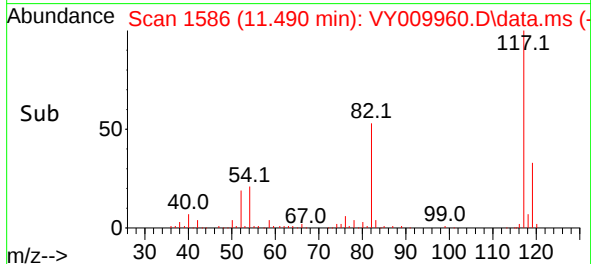
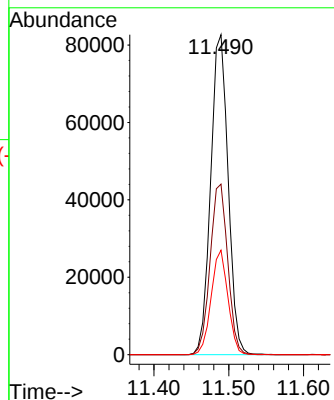
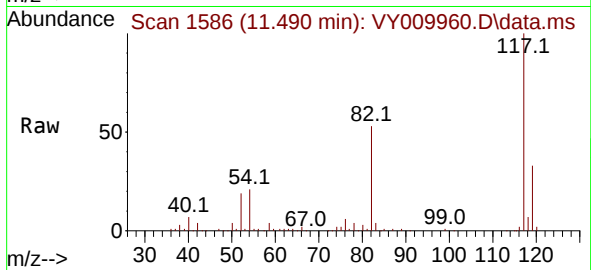




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

Tgt Ion:117 Resp: 133964
Ion Ratio Lower Upper
117 100
82 53.3 41.8 62.6
119 32.7 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: VY009960.D
Acq: 11 Aug 2022 13:39

Tgt Ion:152 Resp: 62896
Ion Ratio Lower Upper
152 100
115 58.8 28.6 85.9
150 156.1 0.0 349.8

