

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008103.D
 Acq On : 30 Mar 2022 11:42
 Operator : SY/MD
 Sample : VY0330SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBL01

Quant Time: Mar 31 17:17:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	140281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	249814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	232860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100977	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74332	52.814	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.620%
35) Dibromofluoromethane	7.722	113	78724	50.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.185	98	301596	51.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.483	95	101894	48.944	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.880%

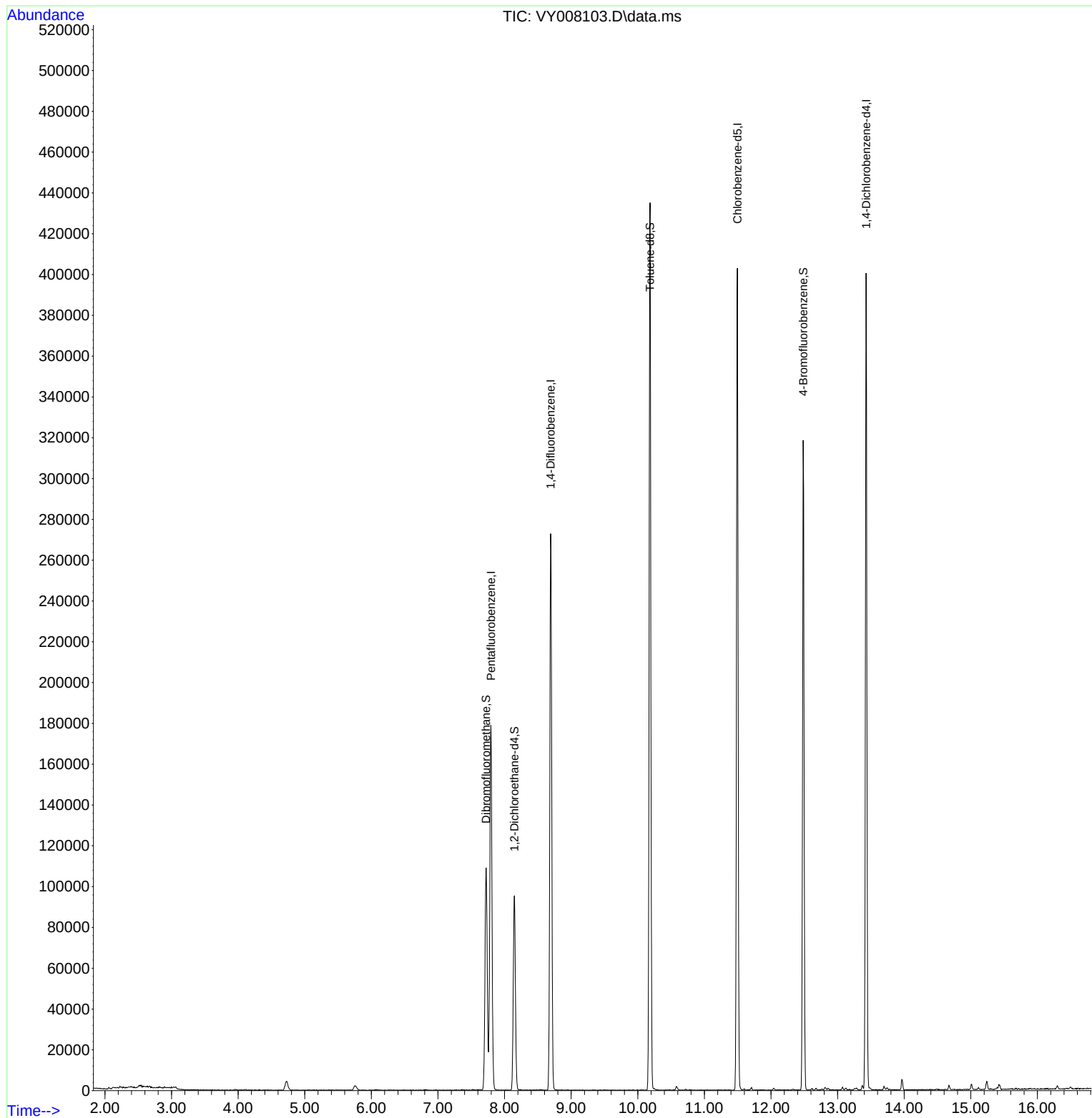
Target Compounds	Qvalue

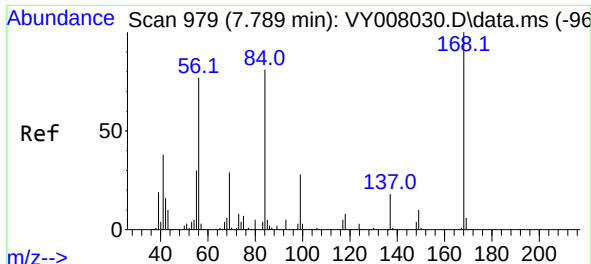
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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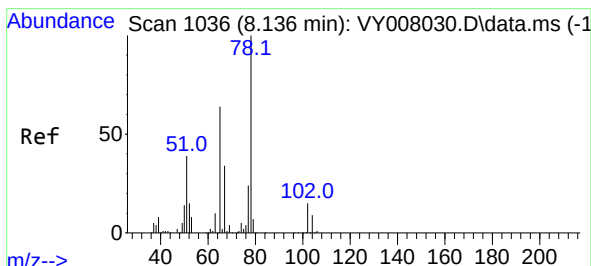
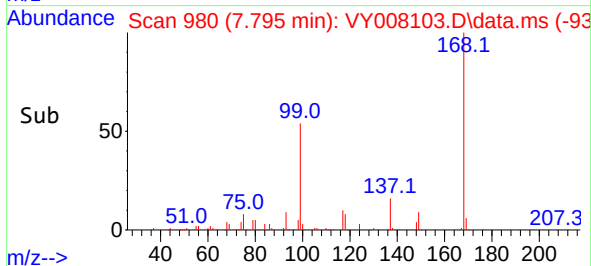
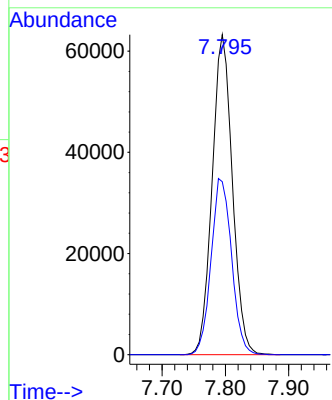
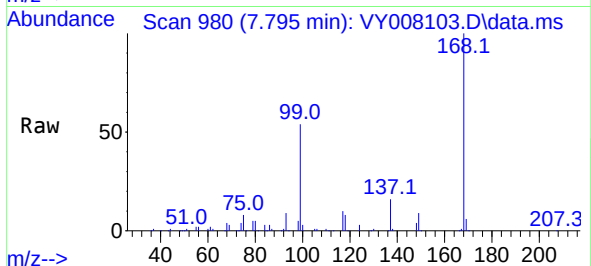




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

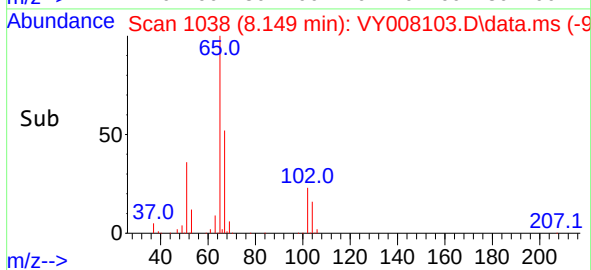
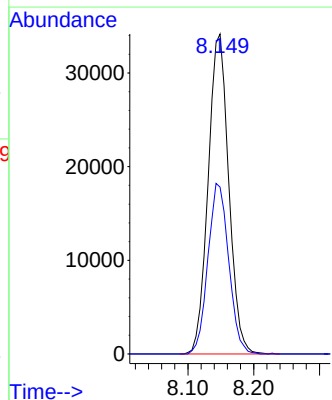
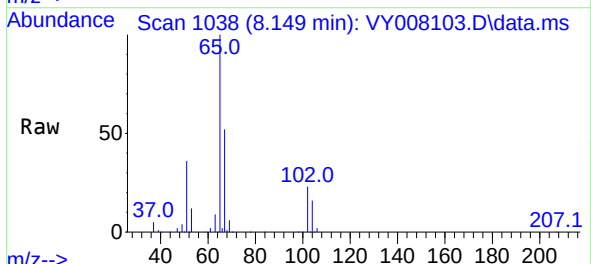
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

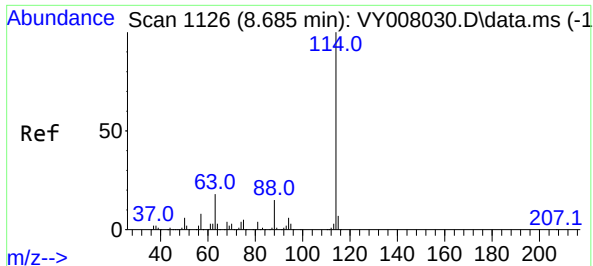
Tgt Ion:168 Resp: 140281
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.814 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

Tgt Ion: 65 Resp: 74332
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008103.D

Acq: 30 Mar 2022 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBL01

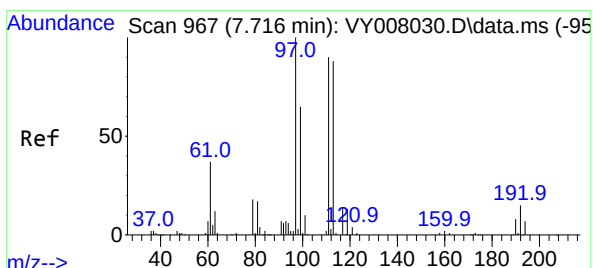
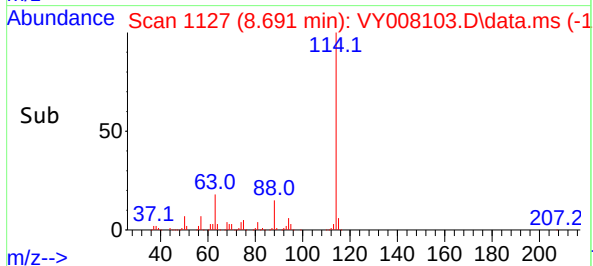
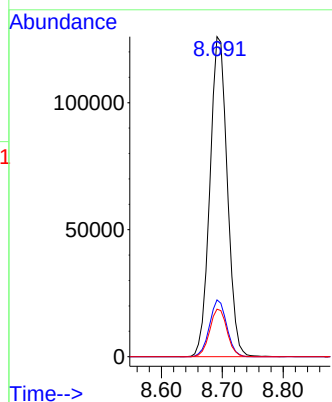
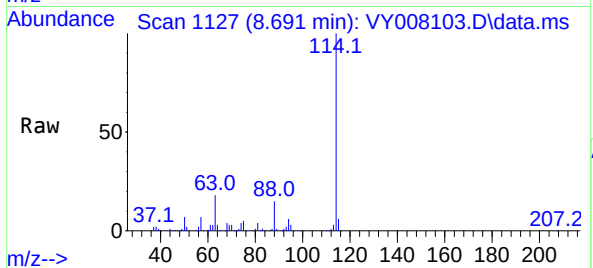
Tgt Ion:114 Resp: 249814

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.262 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008103.D

Acq: 30 Mar 2022 11:42

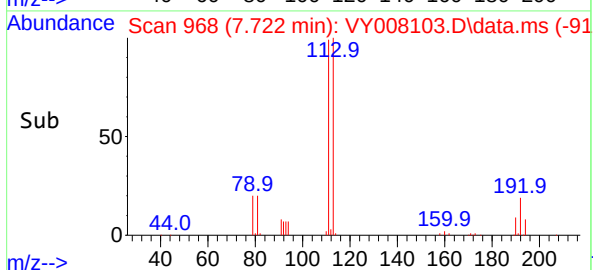
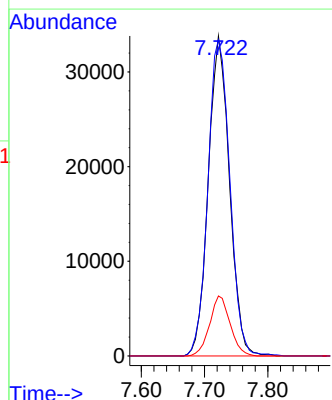
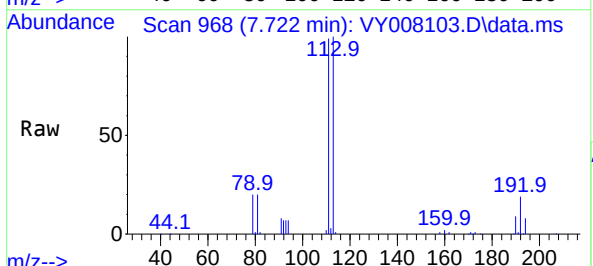
Tgt Ion:113 Resp: 78724

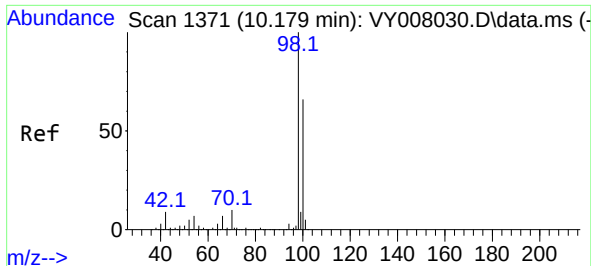
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 18.1 17.6 26.4

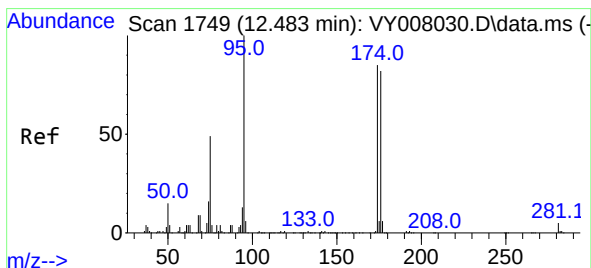
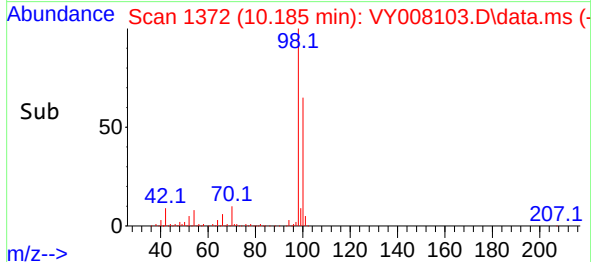
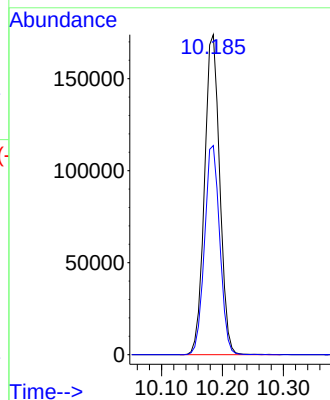
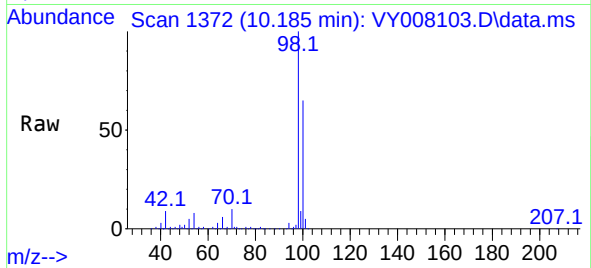




#50
Toluene-d8
Concen: 51.110 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

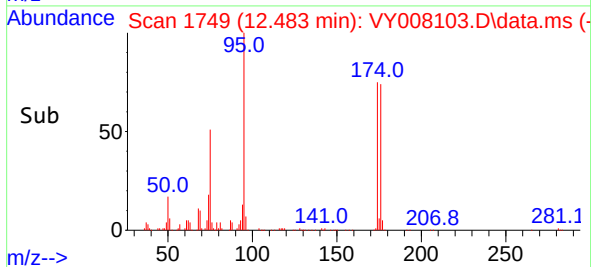
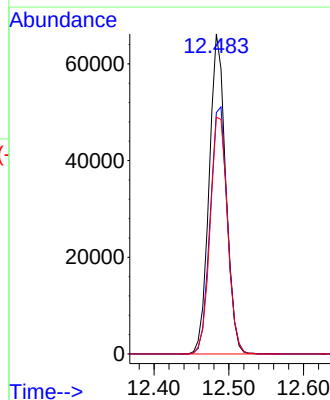
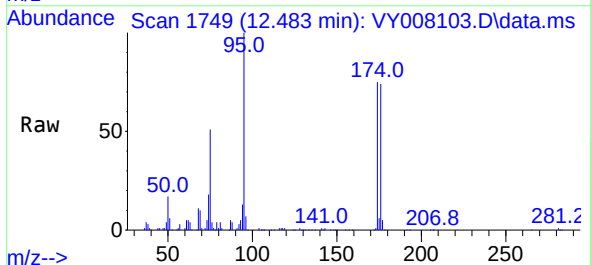
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

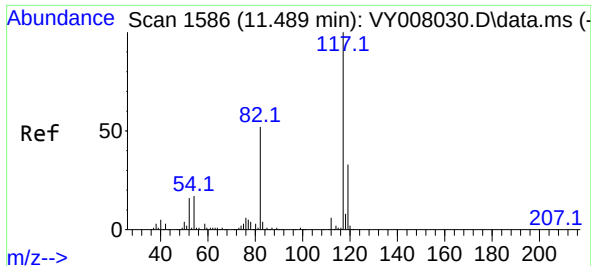
Tgt Ion: 98 Resp: 301596
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.944 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

Tgt Ion: 95 Resp: 101894
Ion Ratio Lower Upper
95 100
174 79.9 0.0 177.0
176 77.5 0.0 175.8

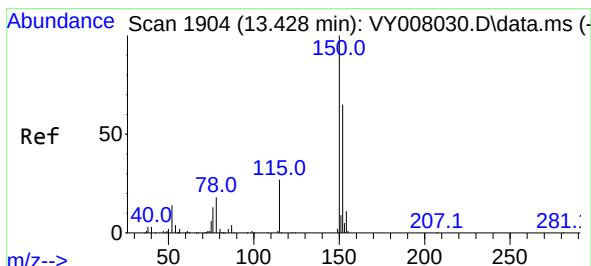
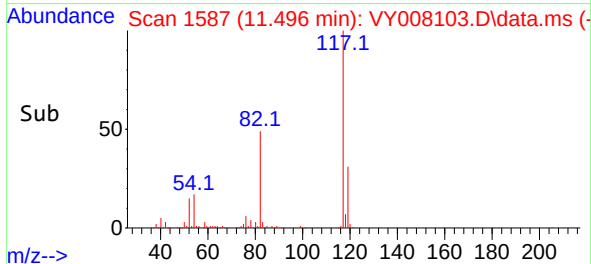
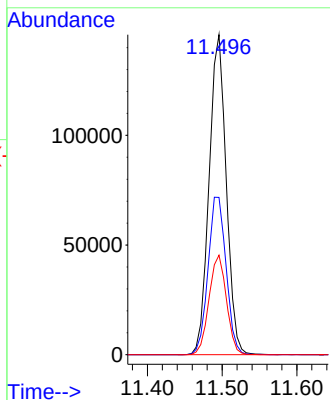
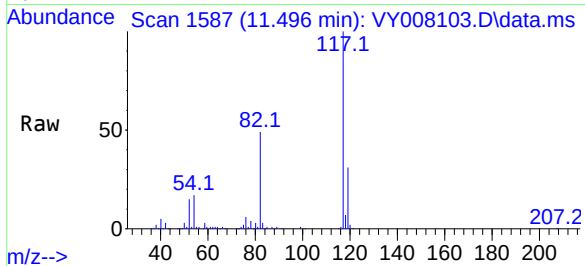




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

Tgt Ion:117 Resp: 232860
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008103.D
Acq: 30 Mar 2022 11:42

Tgt Ion:152 Resp: 100977
Ion Ratio Lower Upper
152 100
115 60.5 28.2 84.7
150 159.0 0.0 347.6

