

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008233.D
 Acq On : 06 Apr 2022 14:34
 Operator : SY/MD
 Sample : N2278-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-040522

Quant Time: Apr 07 02:12:00 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	7.789	168	105469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	187469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81323	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61557	58.173	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.340%
35) Dibromofluoromethane	7.716	113	62256	51.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.140%
50) Toluene-d8	10.179	98	239316	52.112	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.220%
62) 4-Bromofluorobenzene	12.483	95	78779	48.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.240%

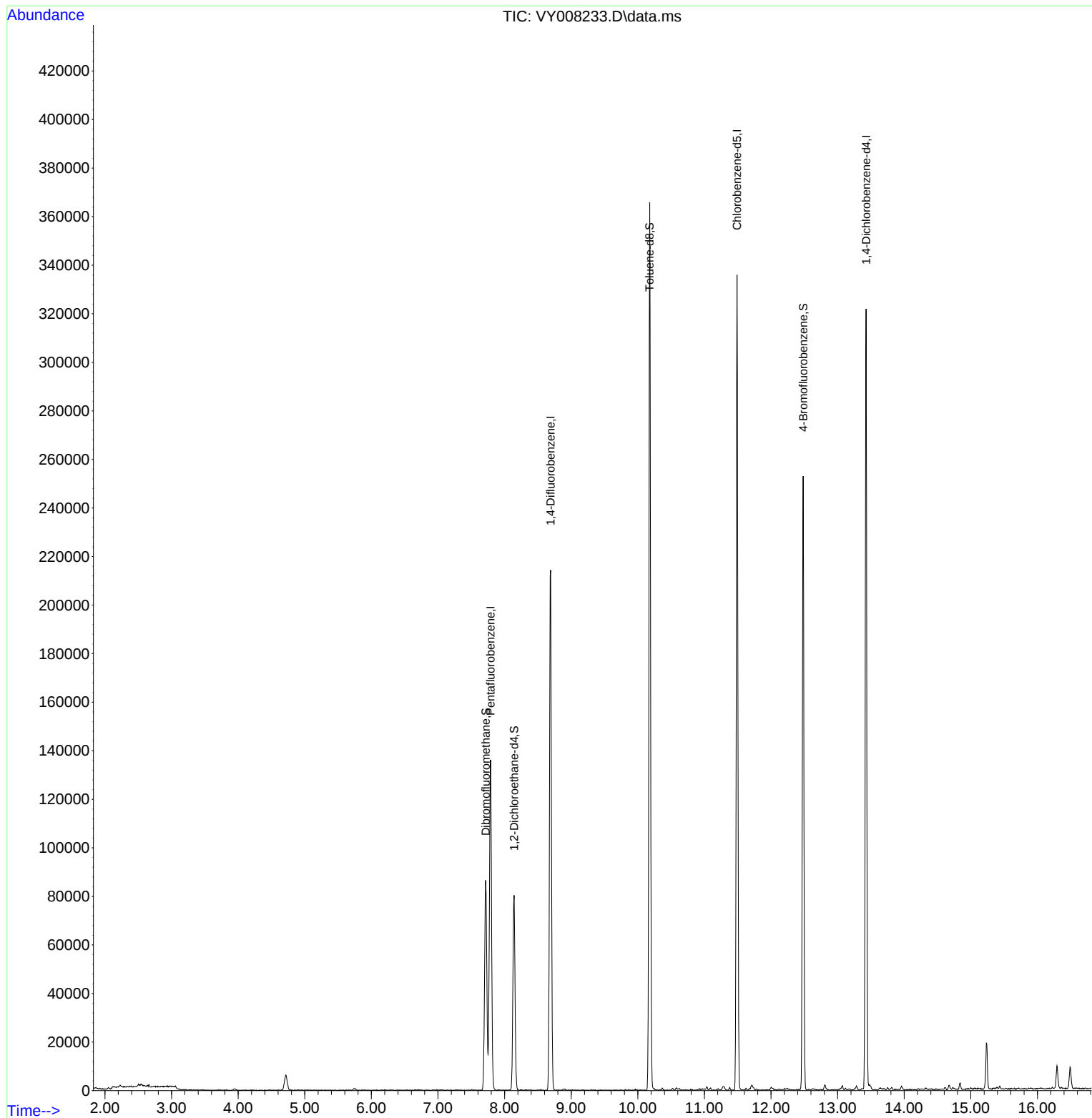
Target Compounds	Qvalue

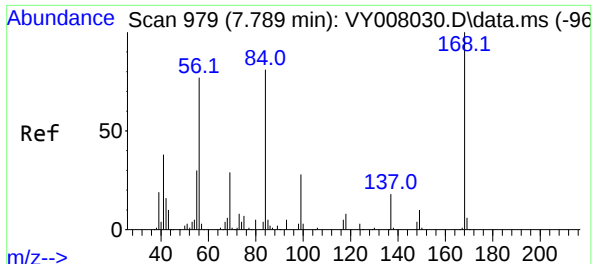
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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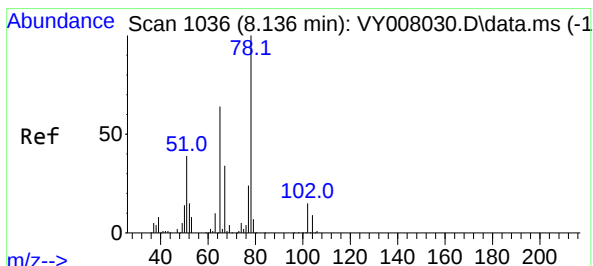
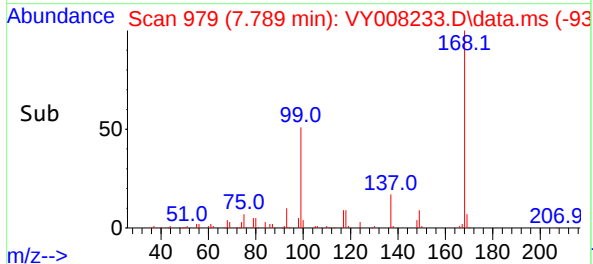
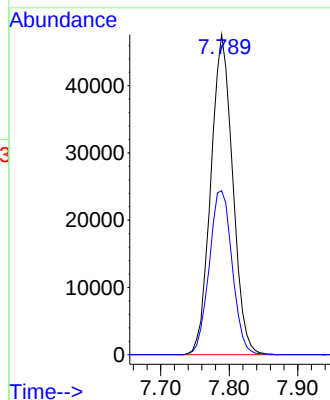
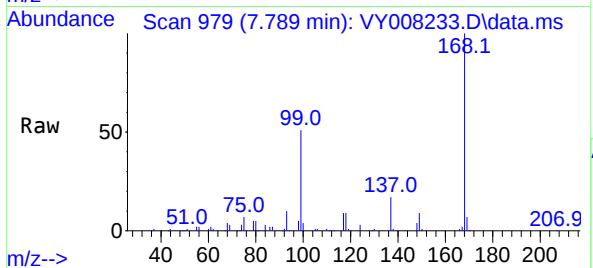




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

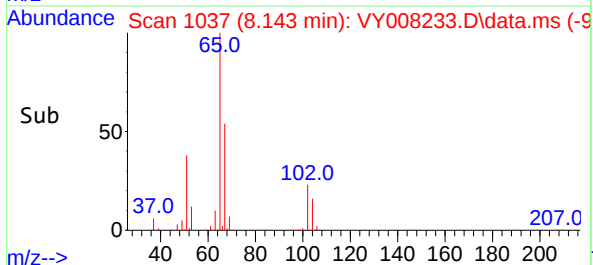
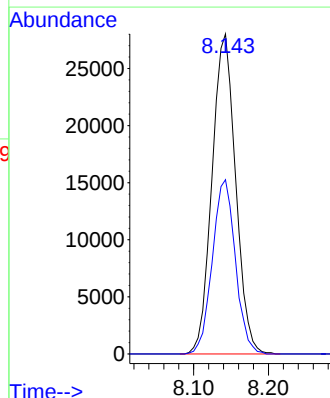
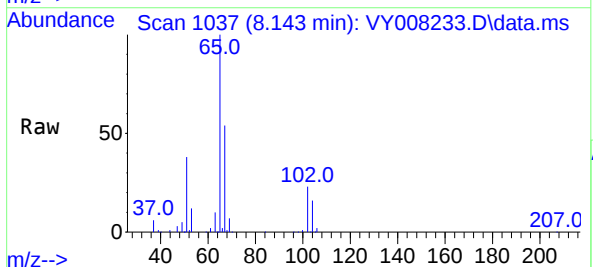
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-040522

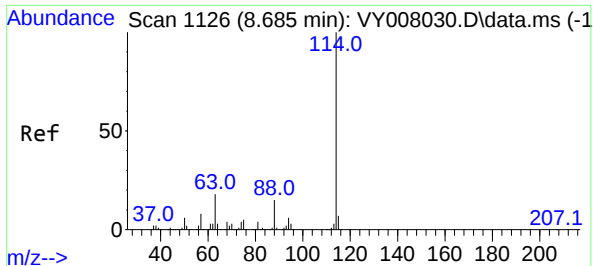
Tgt Ion:168 Resp: 105469
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.173 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

Tgt Ion: 65 Resp: 61557
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008233.D

Acq: 06 Apr 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-040522

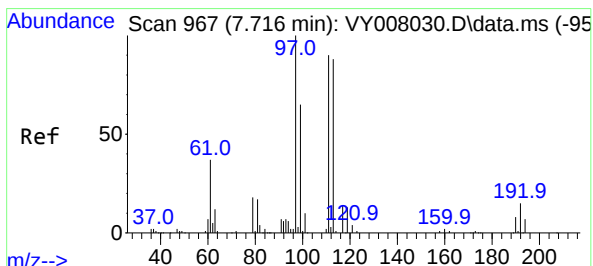
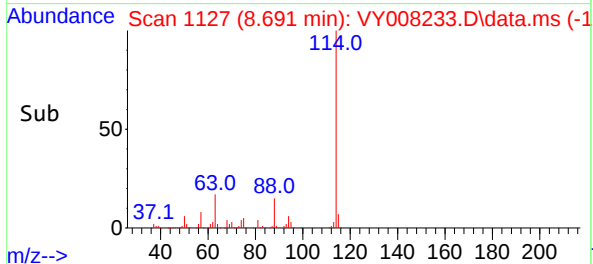
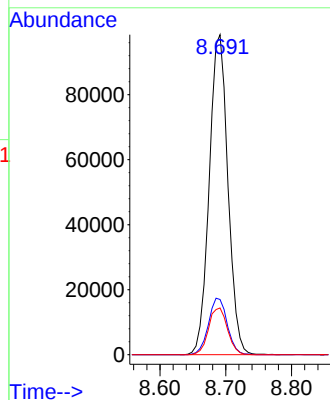
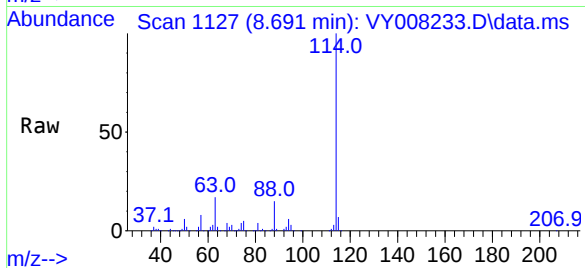
Tgt Ion:114 Resp: 194414

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.075 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008233.D

Acq: 06 Apr 2022 14:34

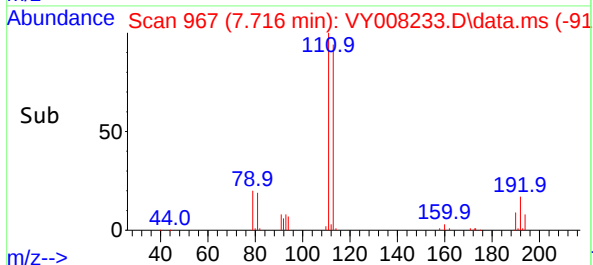
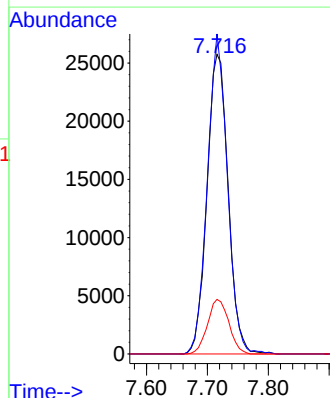
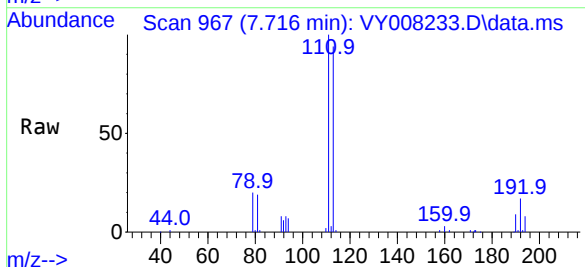
Tgt Ion:113 Resp: 62256

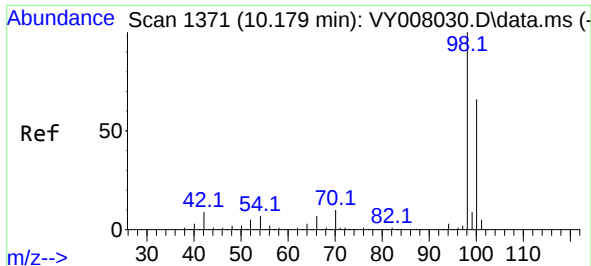
Ion Ratio Lower Upper

113 100

111 100.8 82.6 124.0

192 18.3 17.6 26.4

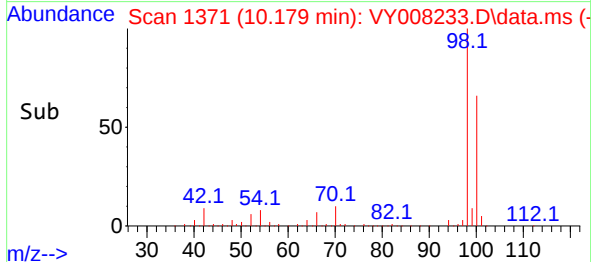
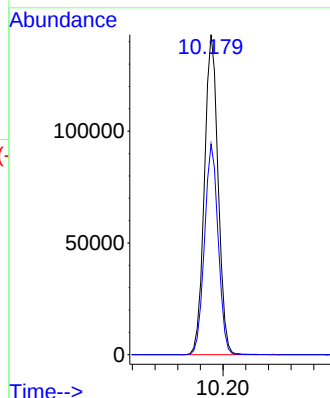
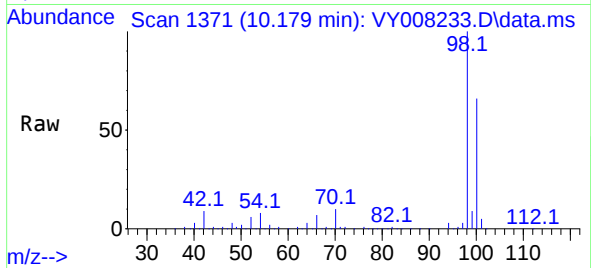




#50
Toluene-d8
Concen: 52.112 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

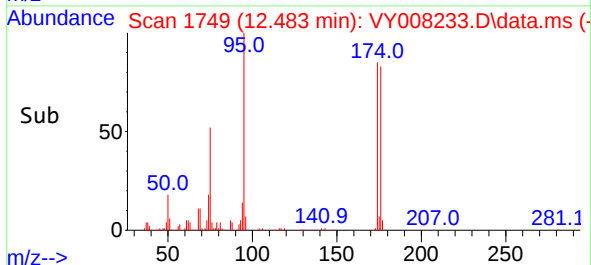
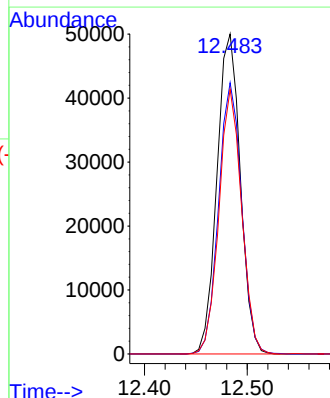
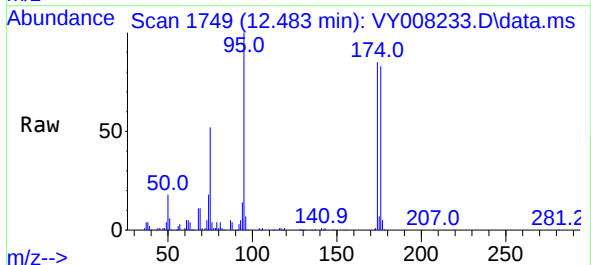
Instrument :
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OR-03-040522

Tgt Ion: 98 Resp: 239316
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

Tgt Ion: 95 Resp: 78779
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 80.3 0.0 175.8

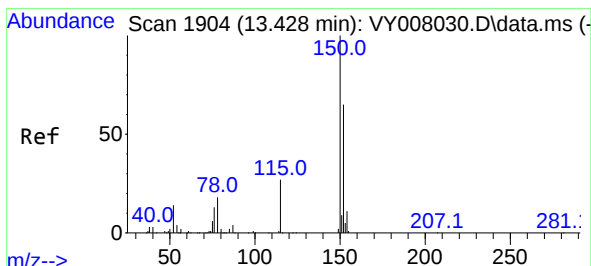
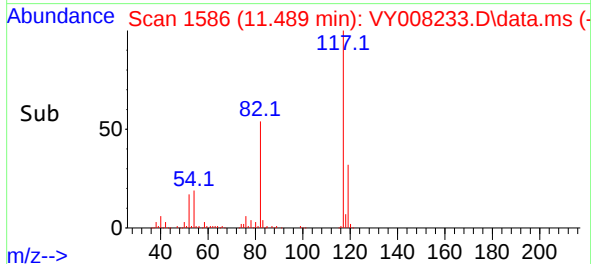
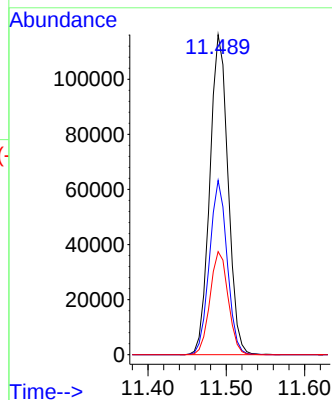
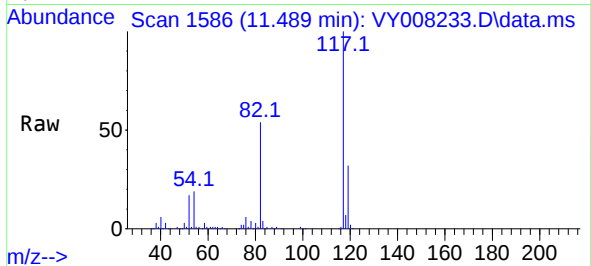




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008233.D
Acq: 06 Apr 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-040522

Tgt Ion:117 Resp: 187469
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.2 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: VY008233.D
Acq: 06 Apr 2022 14:34

Tgt Ion:152 Resp: 81323
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 159.9 0.0 347.6

