

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008203.D
 Acq On : 05 Apr 2022 12:43
 Operator : SY/MD
 Sample : N2220-15RE
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A06135RE

Quant Time: Apr 06 03:56:12 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	110558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	116449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49395	44.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.060%
35) Dibromofluoromethane	7.722	113	55499	48.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.060%
50) Toluene-d8	10.179	98	209202	48.051	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.483	95	30657	19.959	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.920%

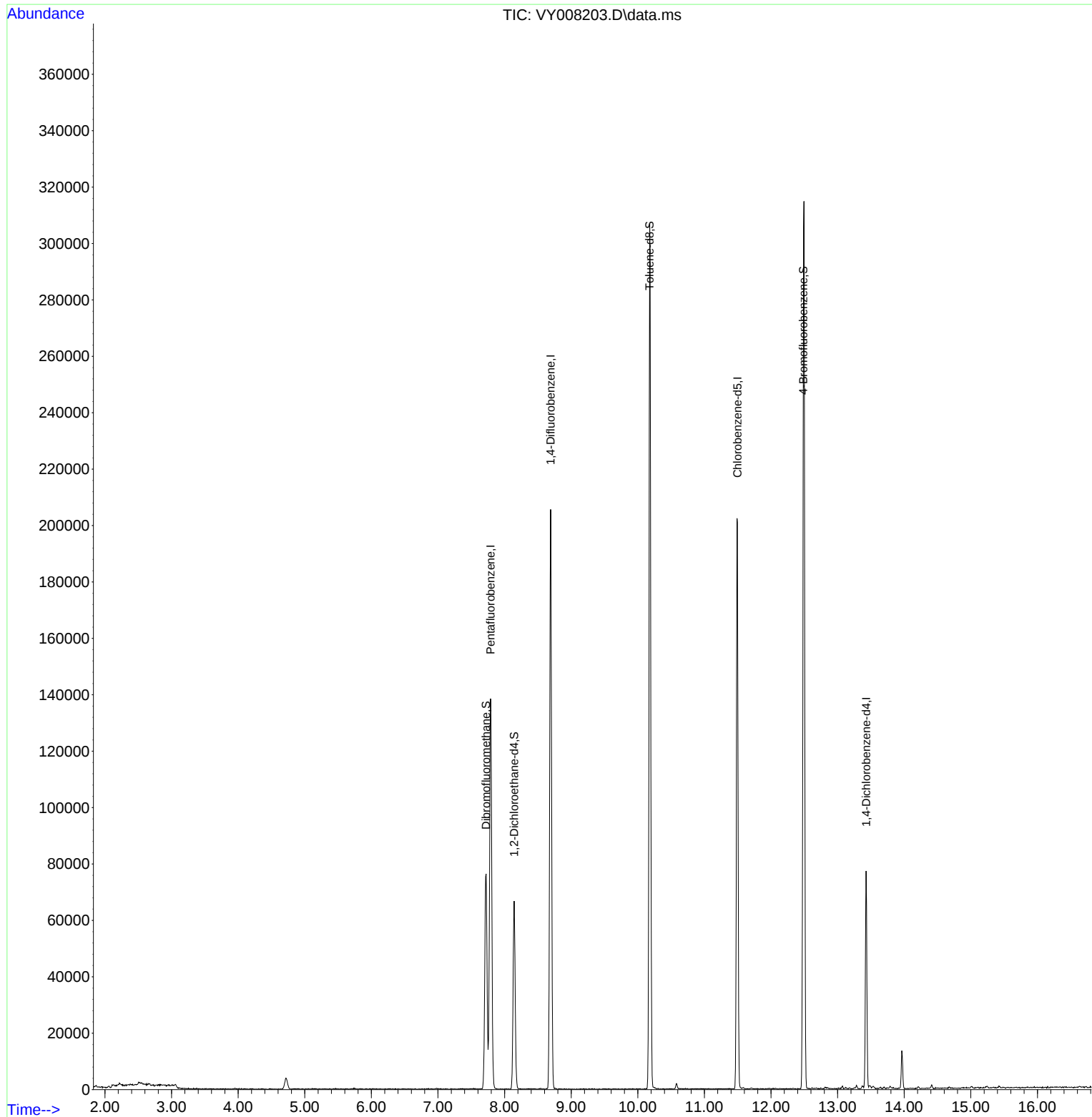
Target Compounds	Qvalue

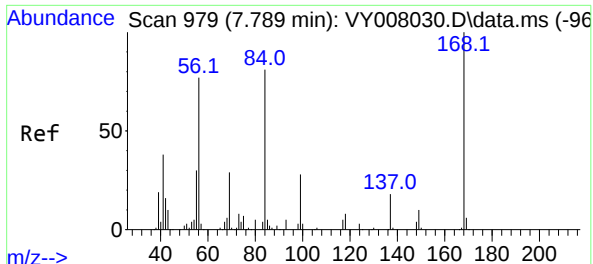
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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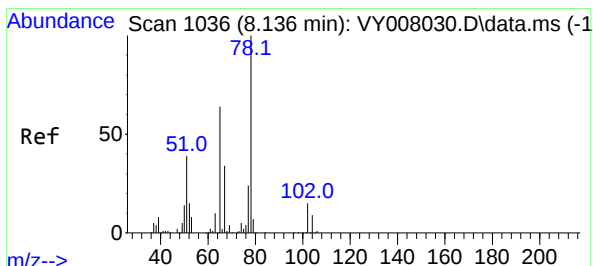
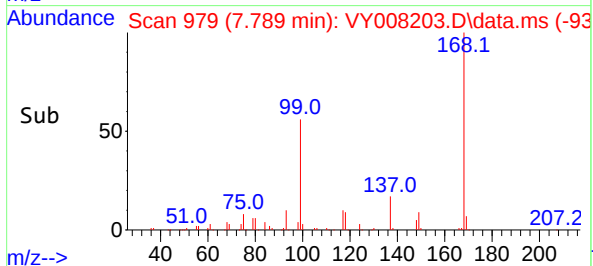
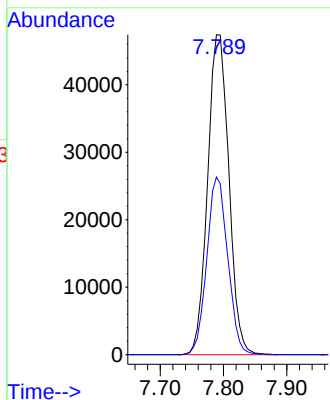
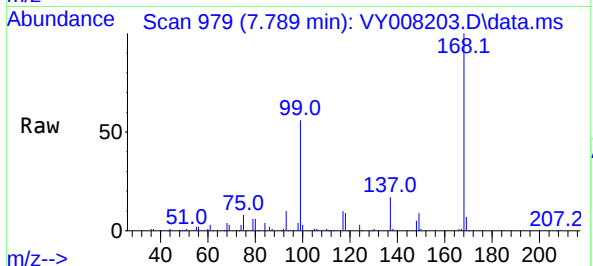




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

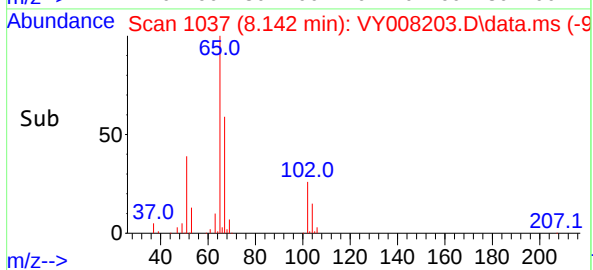
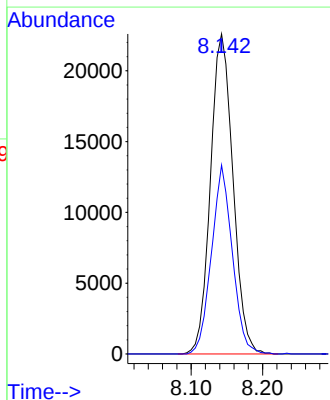
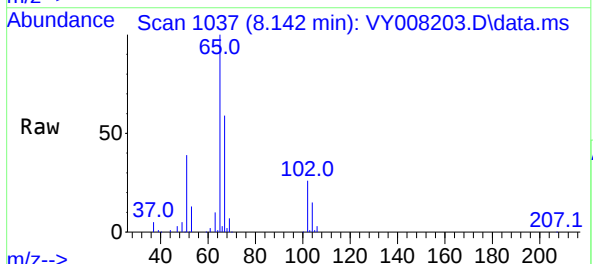
Instrument :
MSVOA_Y
ClientSampleId :
A06135RE

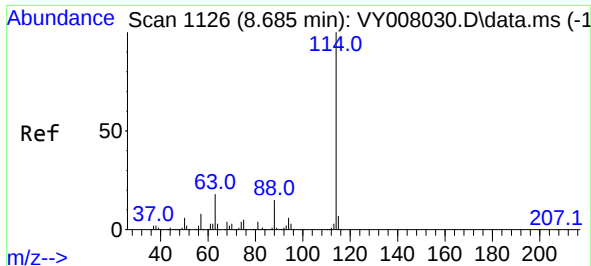
Tgt Ion:168 Resp: 110558
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.531 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

Tgt Ion: 65 Resp: 49395
Ion Ratio Lower Upper
65 100
67 54.7 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: VY008203.D

Acq: 05 Apr 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

A06135RE

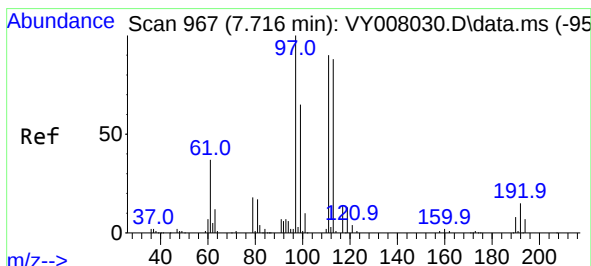
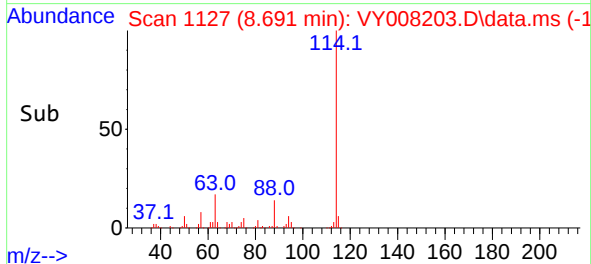
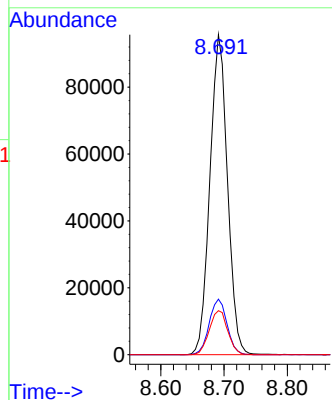
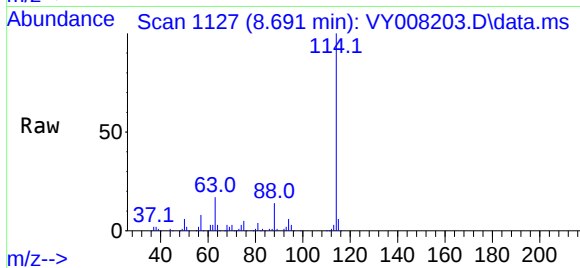
Tgt Ion:114 Resp: 184315

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.026 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008203.D

Acq: 05 Apr 2022 12:43

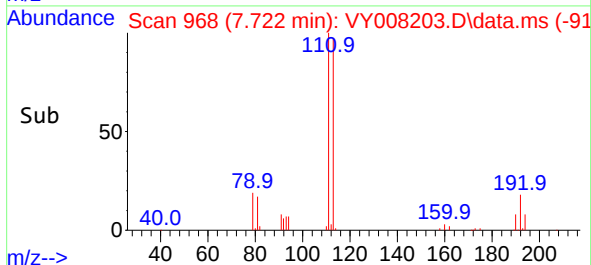
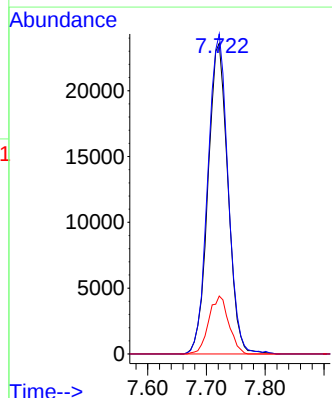
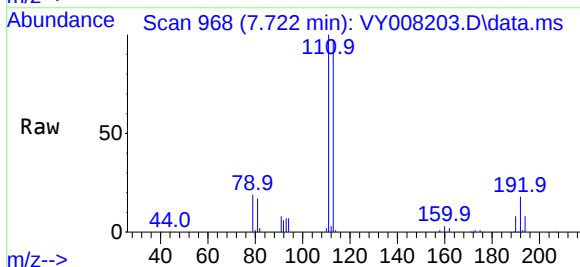
Tgt Ion:113 Resp: 55499

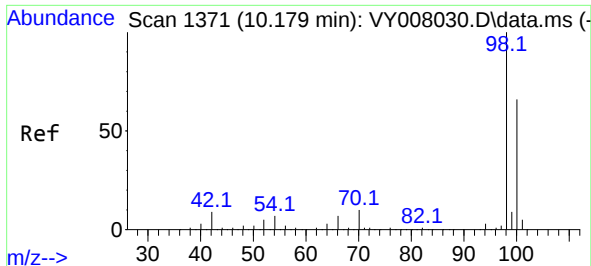
Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 18.7 17.6 26.4

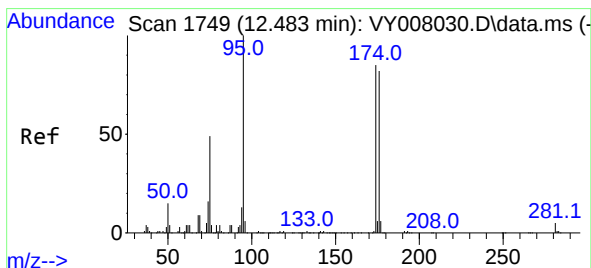
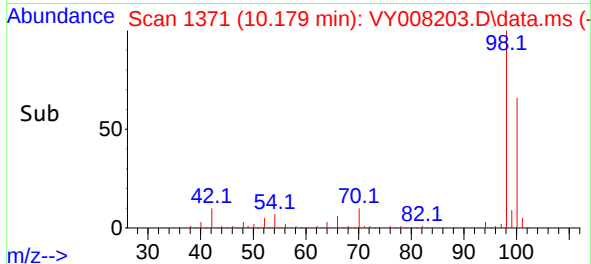
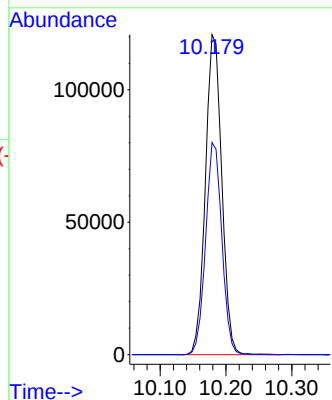
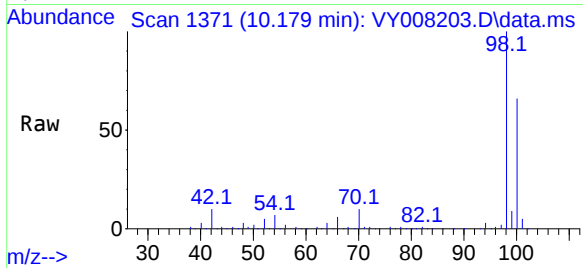




#50
Toluene-d8
Concen: 48.051 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

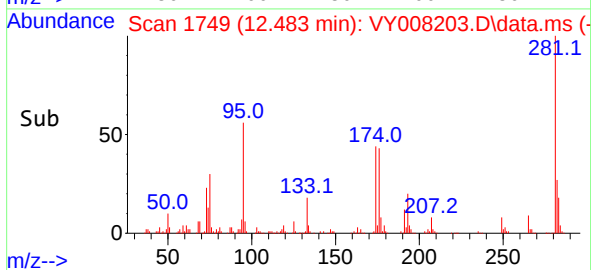
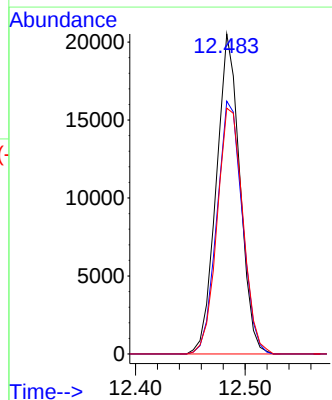
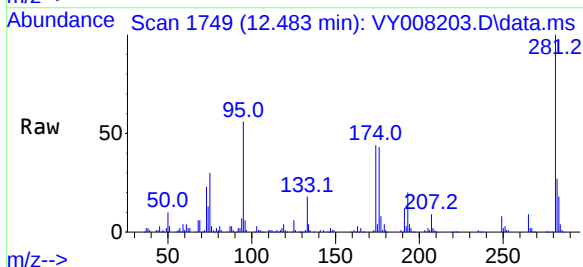
Instrument :
MSVOA_Y
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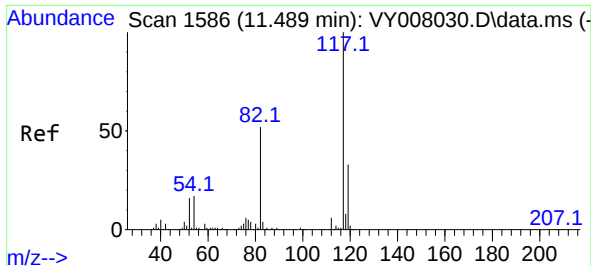
Tgt Ion: 98 Resp: 209202
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 19.959 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

Tgt Ion: 95 Resp: 30657
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 83.9 0.0 175.8

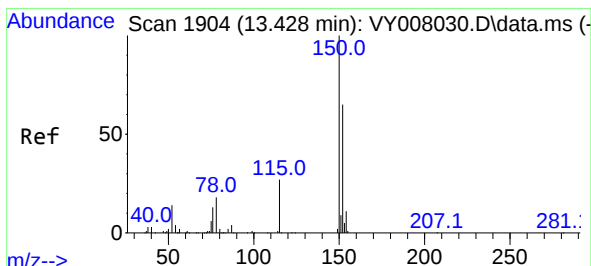
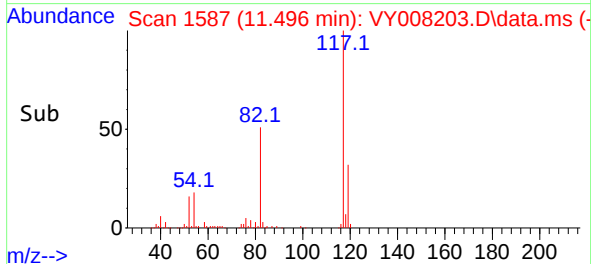
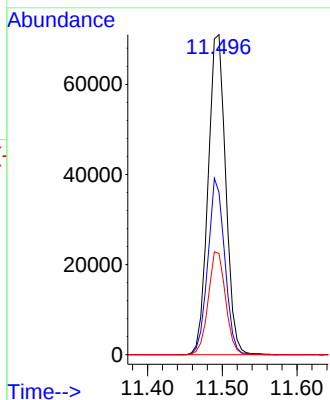
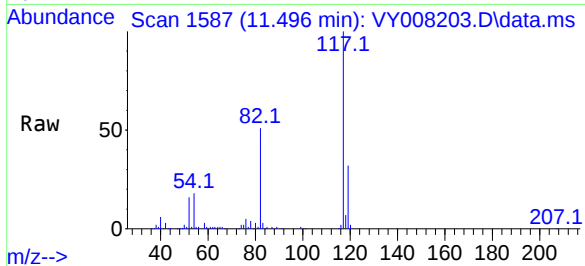




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008203.D
Acq: 05 Apr 2022 12:43

Instrument :
MSVOA_Y
ClientSampleId :
A06135RE

Tgt Ion:117 Resp: 116449
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 31.6 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: VY008203.D
Acq: 05 Apr 2022 12:43

Tgt Ion:152 Resp: 19368
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 160.6 0.0 347.6

