

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008185.D
 Acq On : 04 Apr 2022 17:02
 Operator : SY/MD
 Sample : N2220-15
 Misc : 7.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A06135

Quant Time: Apr 05 04:42:24 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	124240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	155639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58071	46.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.180%
35) Dibromofluoromethane	7.716	113	60589	47.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.060%
50) Toluene-d8	10.179	98	239809	49.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.483	95	54427	31.787	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.580%

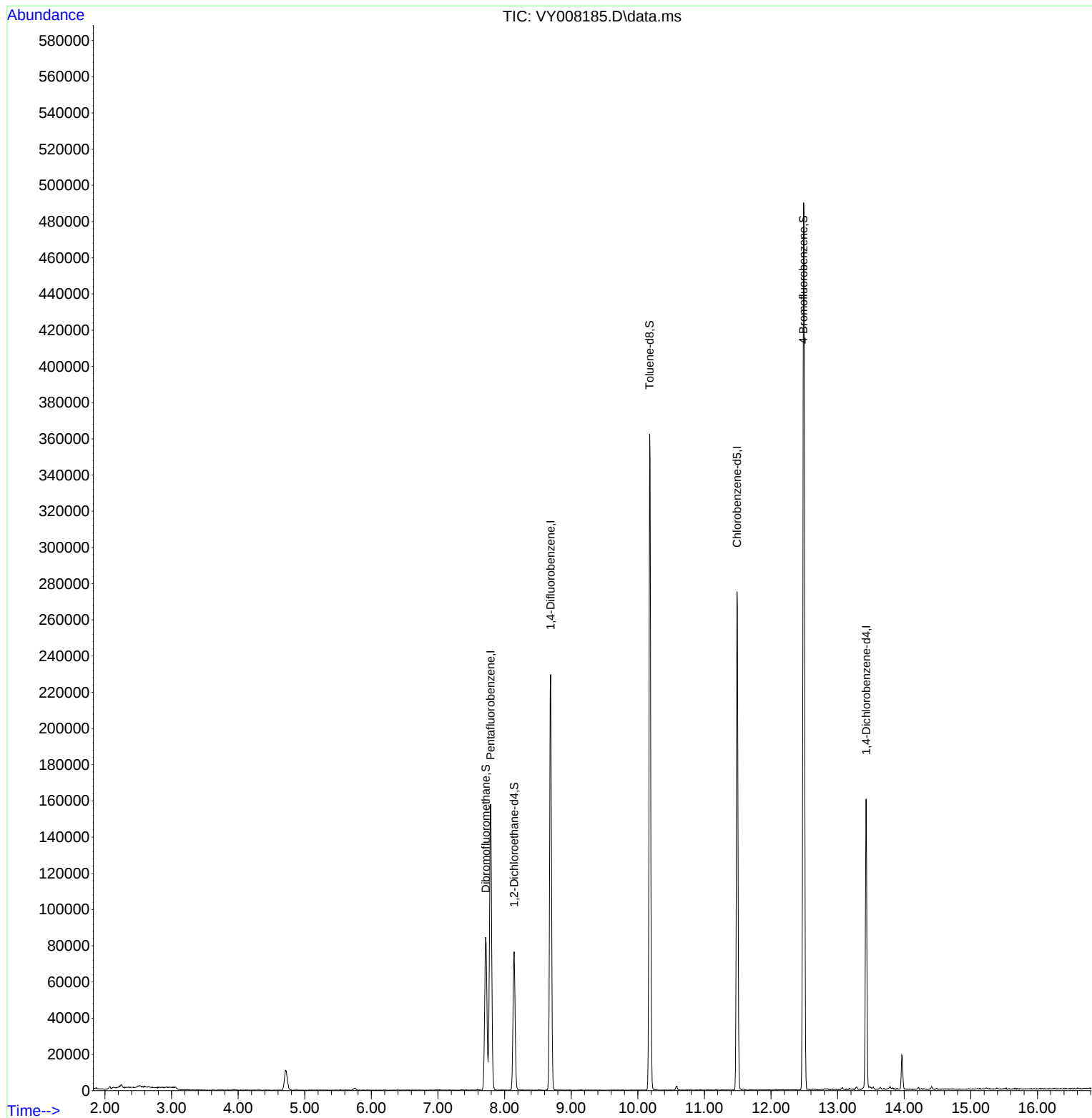
Target Compounds Qvalue

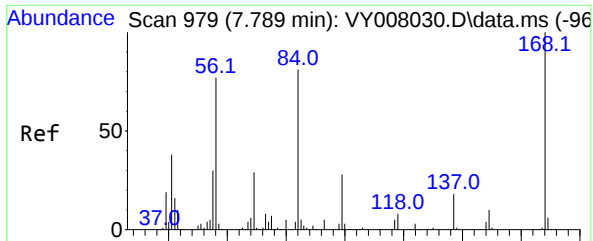
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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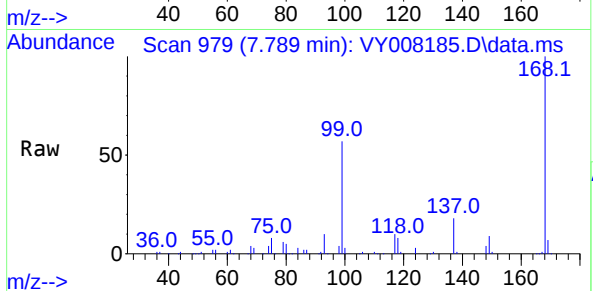
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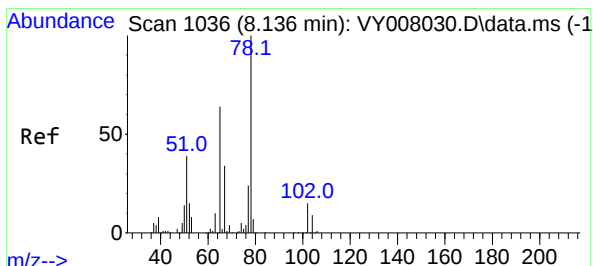
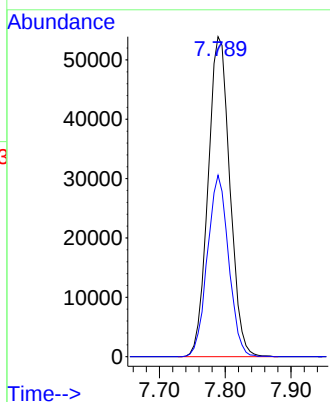
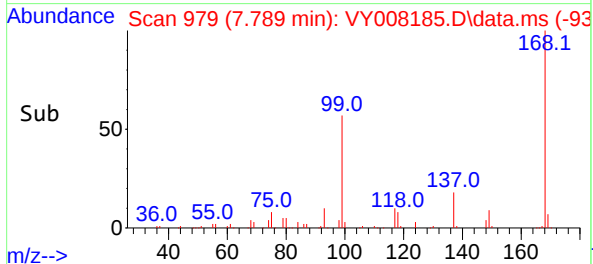


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

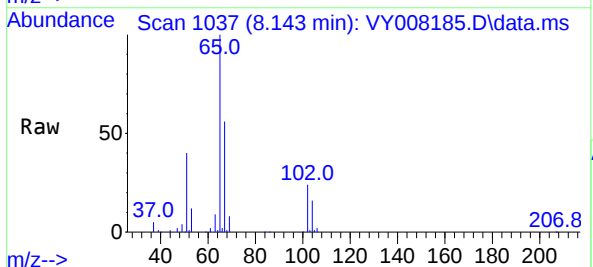
Instrument :
MSVOA_Y
ClientSampleId :
A06135



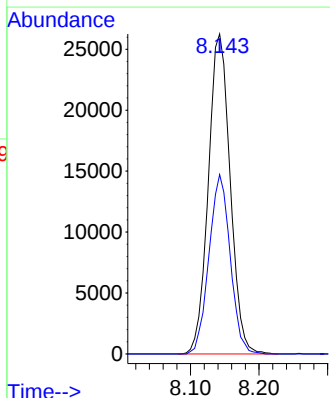
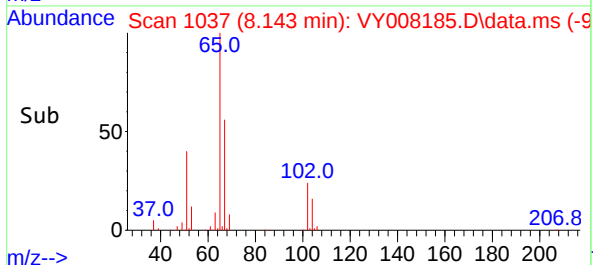
Tgt Ion:168 Resp: 124240
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3

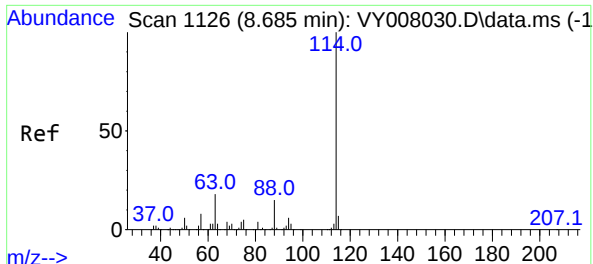


#33
1,2-Dichloroethane-d4
Concen: 46.587 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02



Tgt Ion: 65 Resp: 58071
Ion Ratio Lower Upper
65 100
67 54.4 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: VY008185.D

Acq: 04 Apr 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

A06135

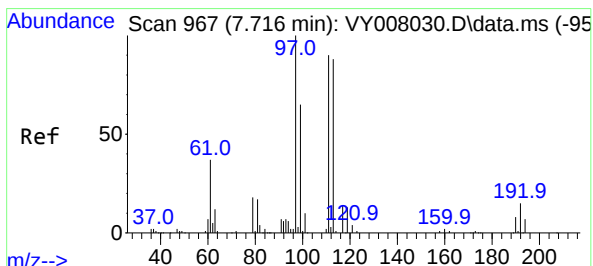
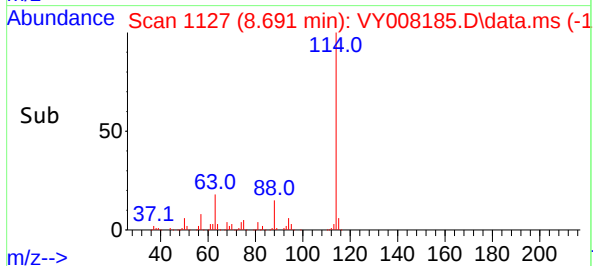
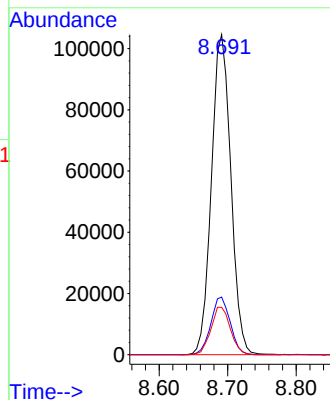
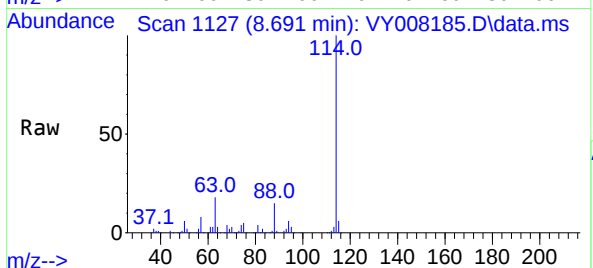
Tgt Ion:114 Resp: 205462

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.034 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008185.D

Acq: 04 Apr 2022 17:02

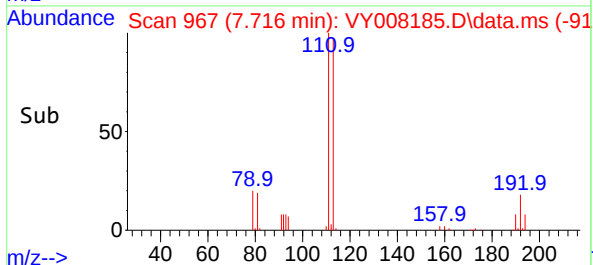
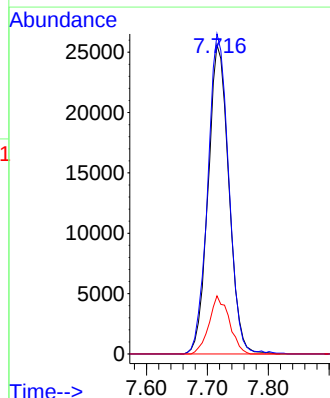
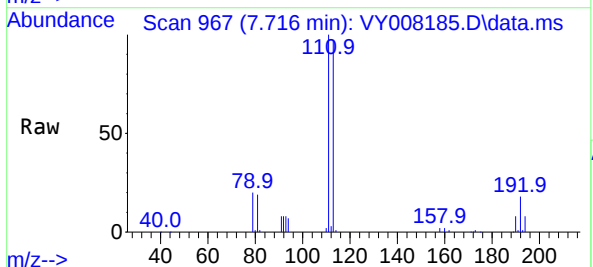
Tgt Ion:113 Resp: 60589

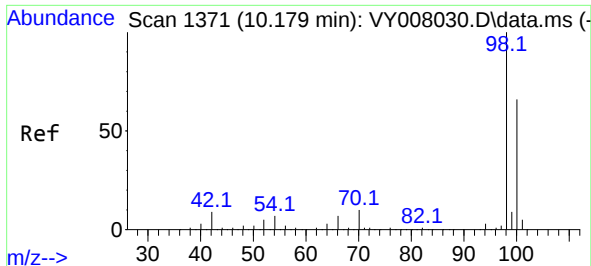
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 18.3 17.6 26.4

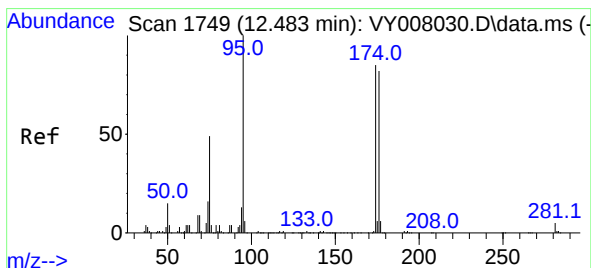
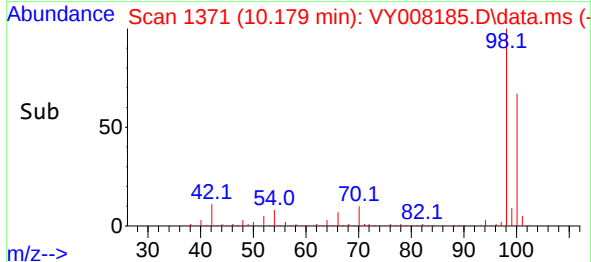
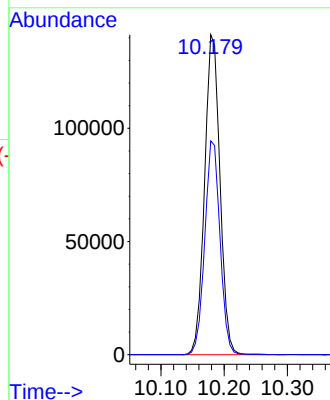
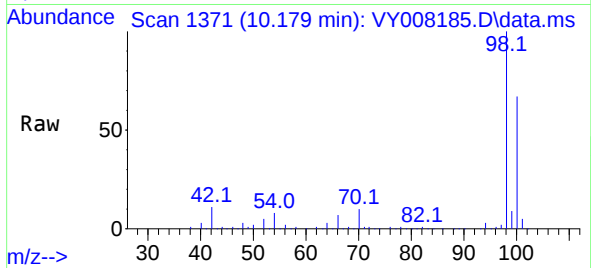




#50
Toluene-d8
Concen: 49.412 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

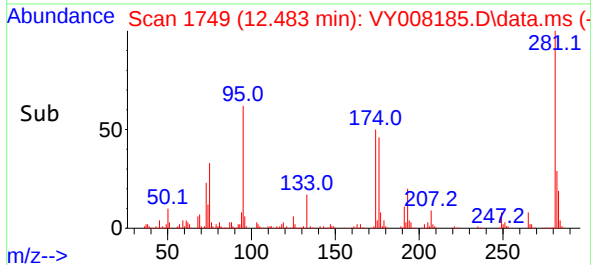
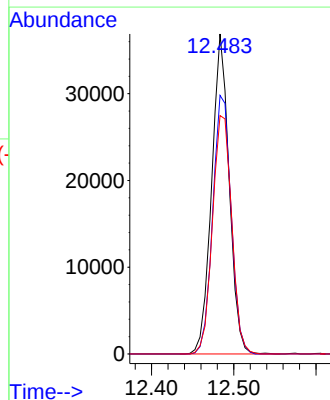
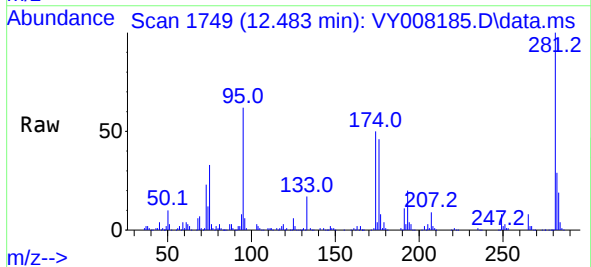
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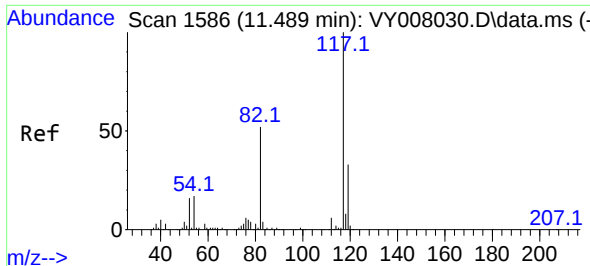
Tgt Ion: 98 Resp: 239809
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.787 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

Tgt Ion: 95 Resp: 54427
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.7 0.0 175.8

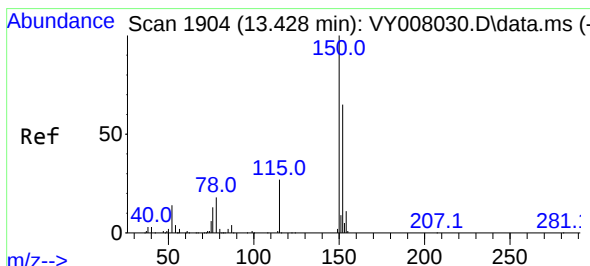
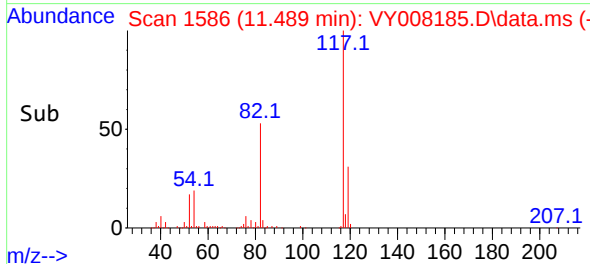
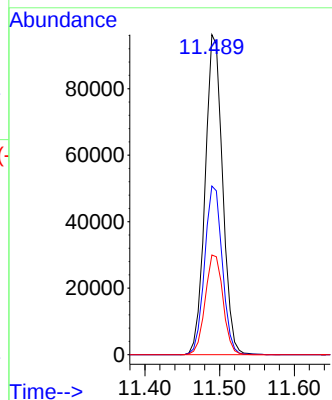
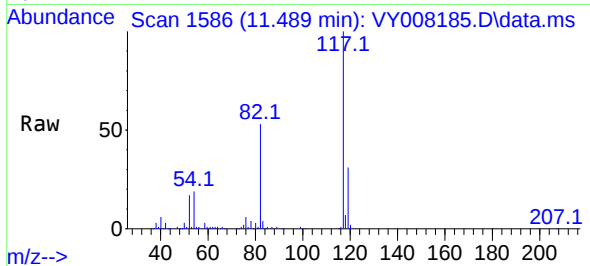




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :
A06135

Tgt Ion:117 Resp: 155639
Ion Ratio Lower Upper
117 100
82 52.7 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: VY008185.D
Acq: 04 Apr 2022 17:02

Tgt Ion:152 Resp: 39856
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 156.4 0.0 347.6

