

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008188.D
 Acq On : 04 Apr 2022 18:13
 Operator : SY/MD
 Sample : N2237-03
 Misc : 7.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A13145

Quant Time: Apr 05 04:43:00 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	125161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	224562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71040	56.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.140%
35) Dibromofluoromethane	7.716	113	70778	50.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.540%
50) Toluene-d8	10.179	98	270947	51.079	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.483	95	79666	42.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.140%

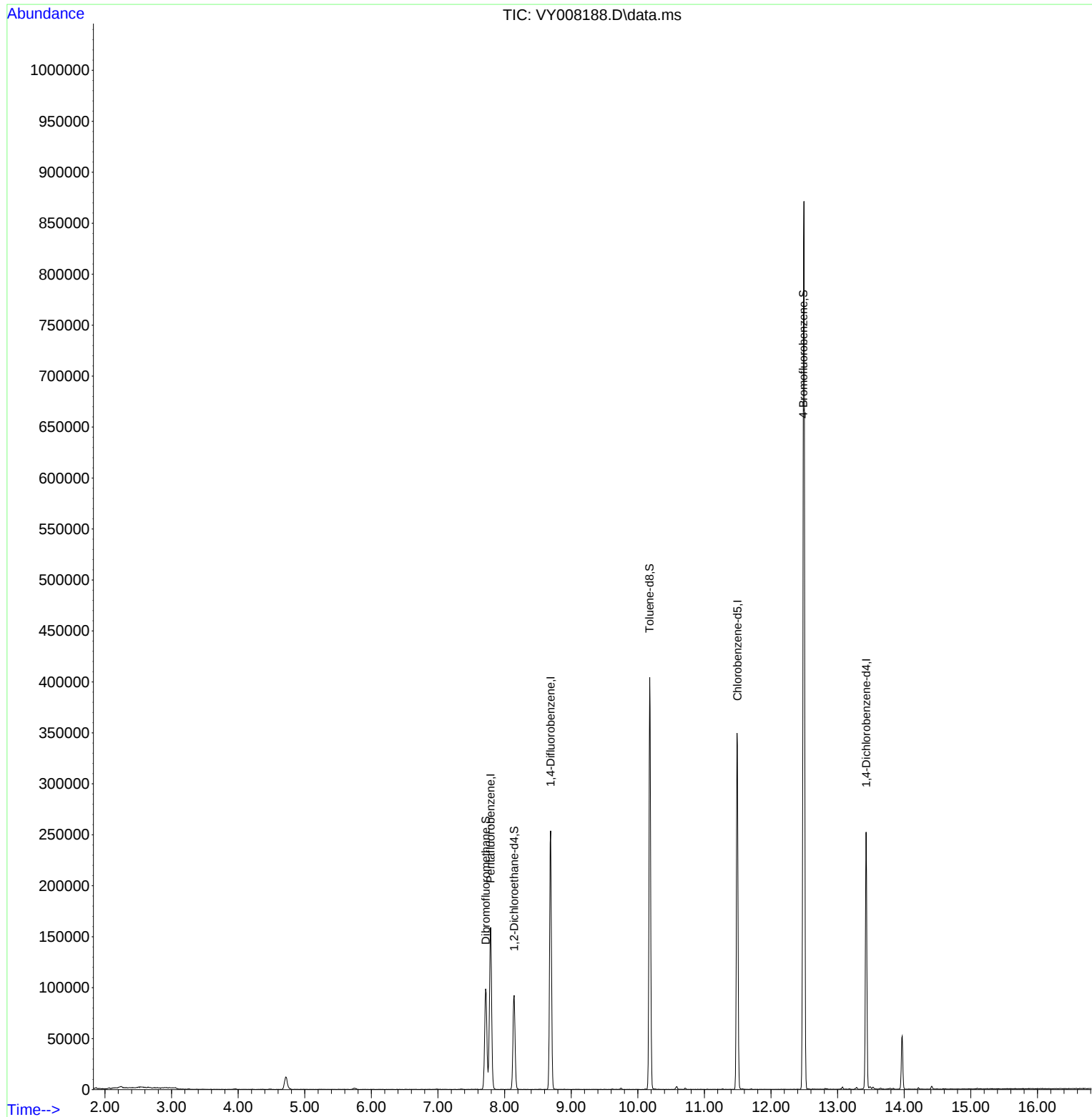
Target Compounds	Qvalue

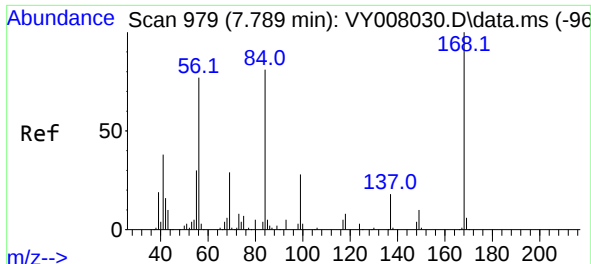
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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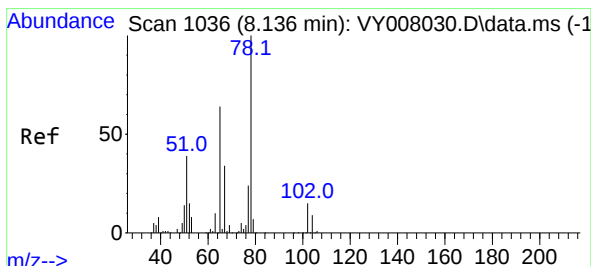
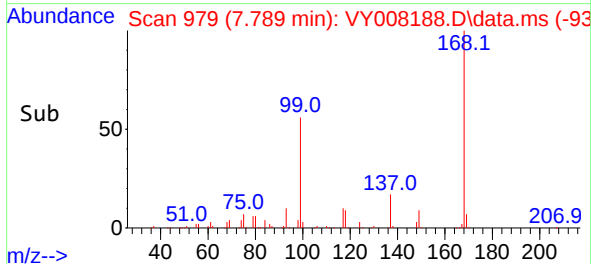
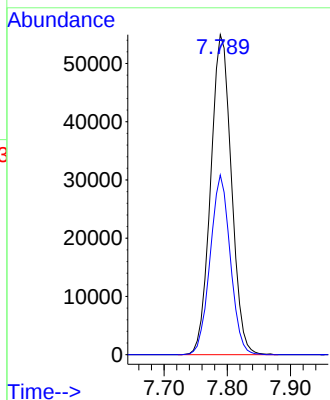
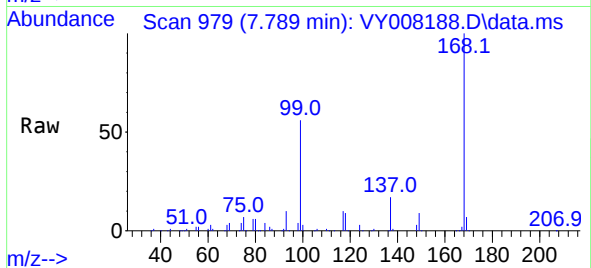




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

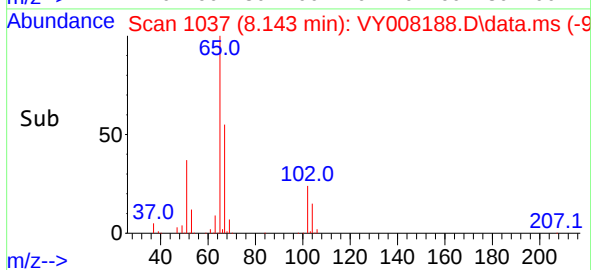
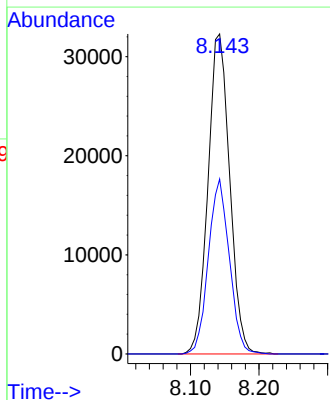
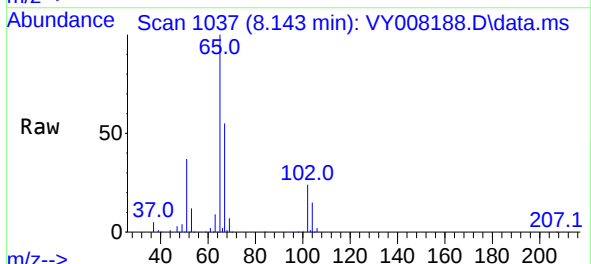
Instrument :
MSVOA_Y
ClientSampleId :
A13145

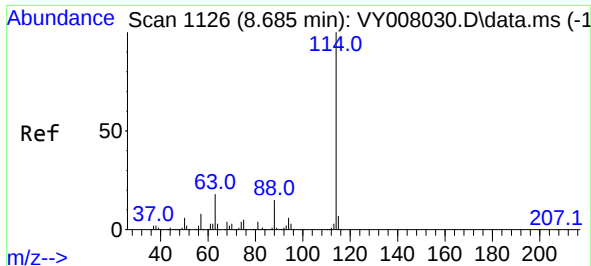
Tgt Ion:168 Resp: 125161
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.572 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

Tgt Ion: 65 Resp: 71040
Ion Ratio Lower Upper
65 100
67 52.8 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: VY008188.D

Acq: 04 Apr 2022 18:13

Instrument :

MSVOA_Y

ClientSampleId :

A13145

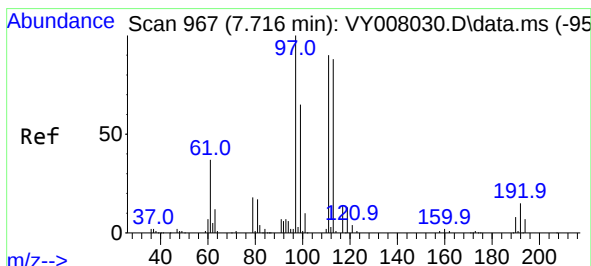
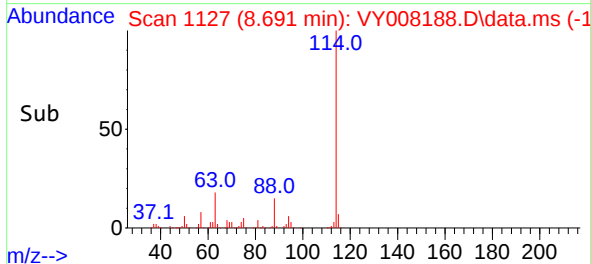
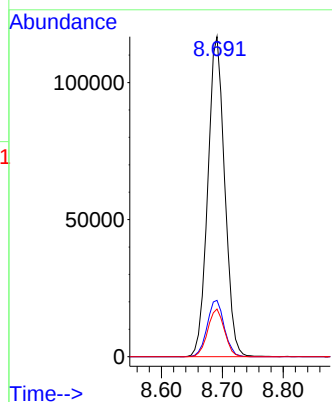
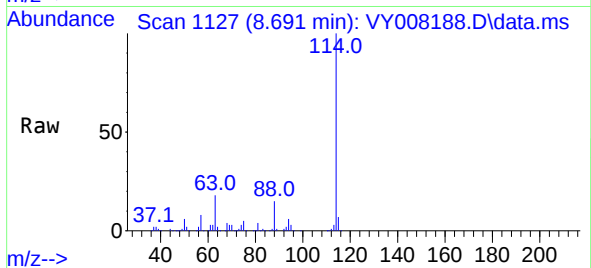
Tgt Ion:114 Resp: 224562

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.271 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008188.D

Acq: 04 Apr 2022 18:13

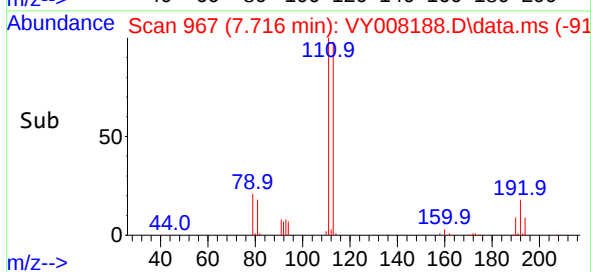
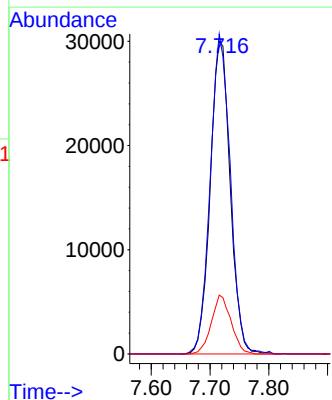
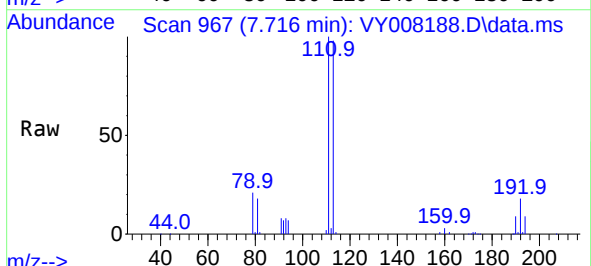
Tgt Ion:113 Resp: 70778

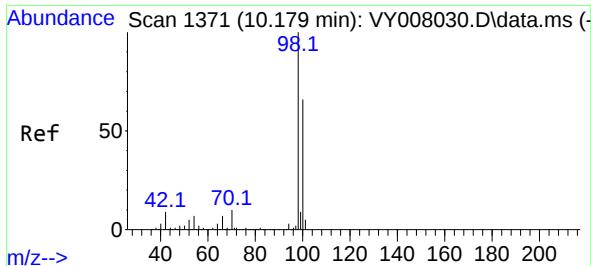
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 18.5 17.6 26.4

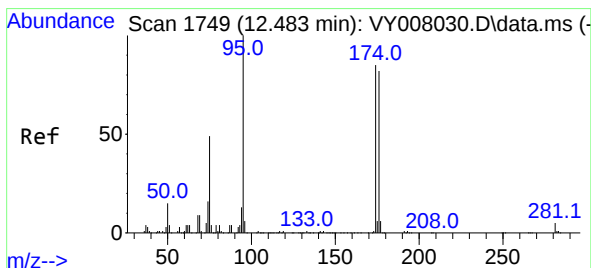
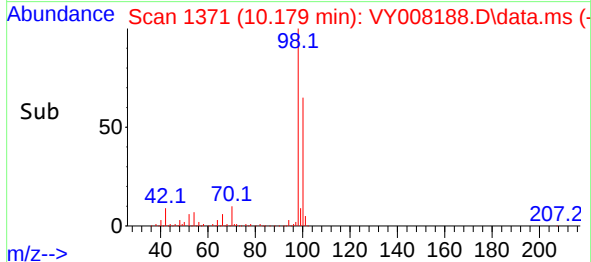
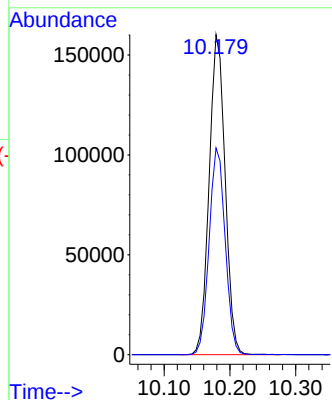
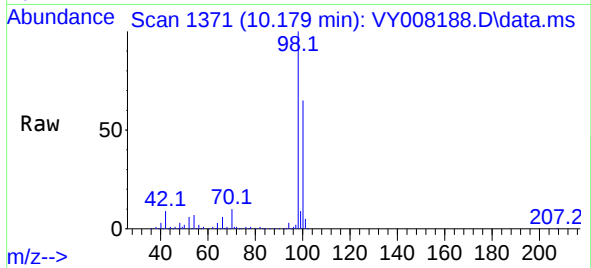




#50
Toluene-d8
Concen: 51.079 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

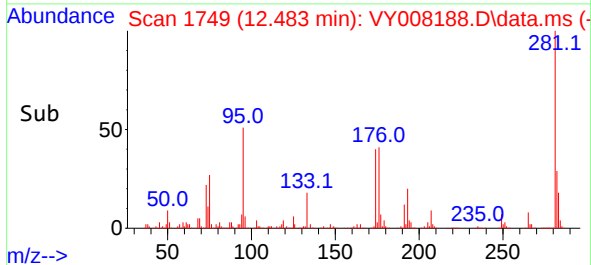
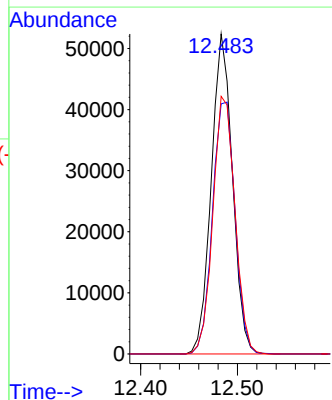
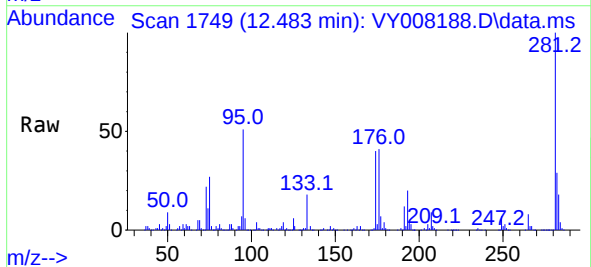
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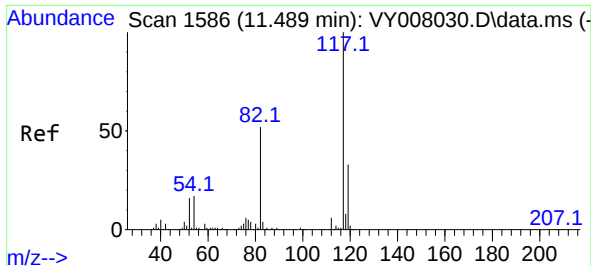
Tgt Ion: 98 Resp: 270947
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.570 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

Tgt Ion: 95 Resp: 79666
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 83.9 0.0 175.8

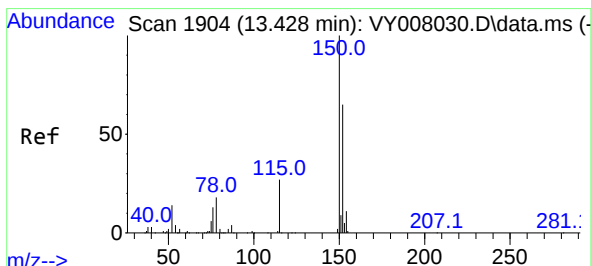
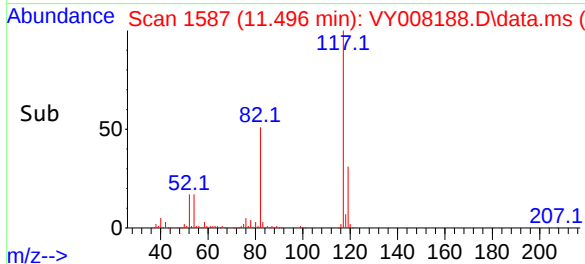
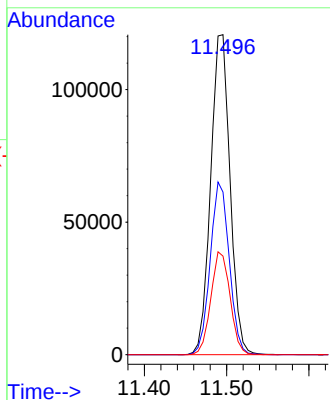
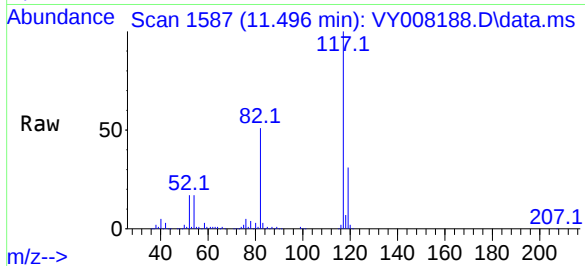




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

Instrument :
MSVOA_Y
ClientSampleId :
A13145

Tgt Ion:117 Resp: 197342
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 30.8 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: VY008188.D
Acq: 04 Apr 2022 18:13

Tgt Ion:152 Resp: 63135
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.7
150 160.1 0.0 347.6

