

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008611.D
 Acq On : 04 May 2022 14:50
 Operator : KP/MD
 Sample : N2619-04
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB02-13-14-FT

Quant Time: May 05 04:35:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	97526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	168712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48574	51.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.480%
35) Dibromofluoromethane	7.716	113	52236	46.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.580%
50) Toluene-d8	10.179	98	196832	49.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.483	95	70586	48.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.380%

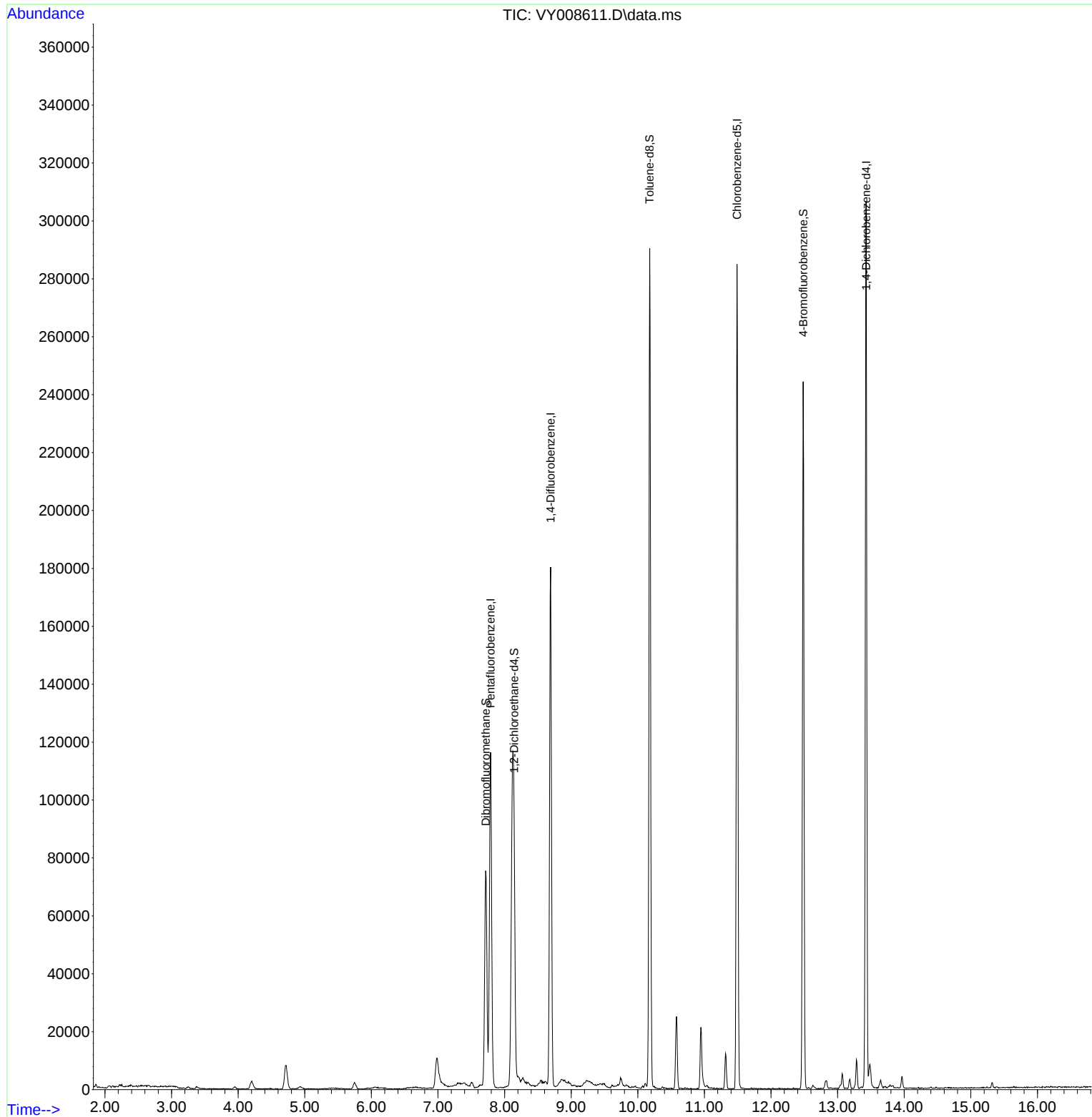
Target Compounds	Qvalue

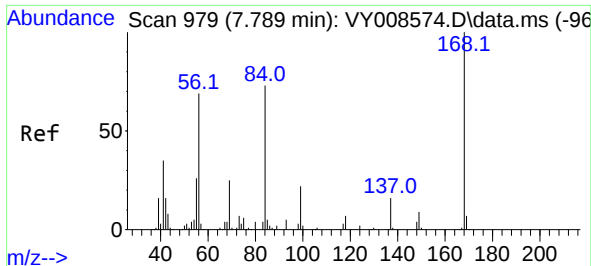
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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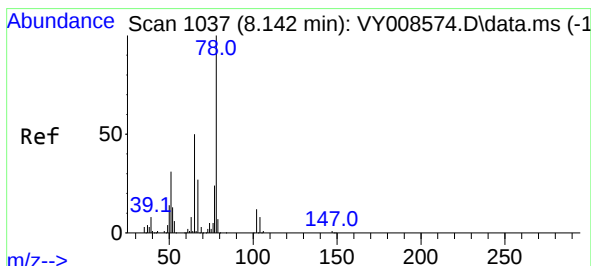
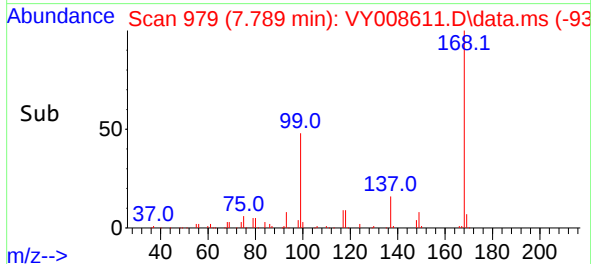
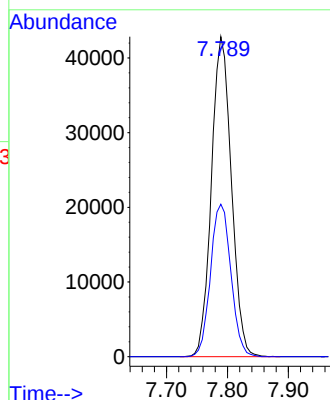
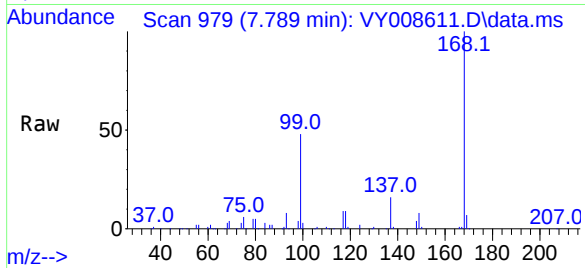




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

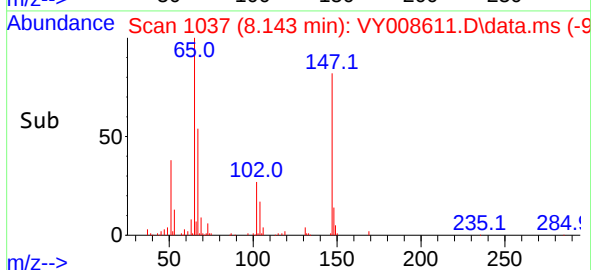
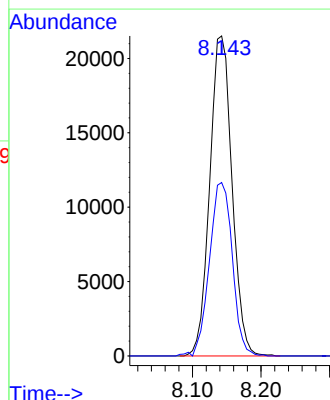
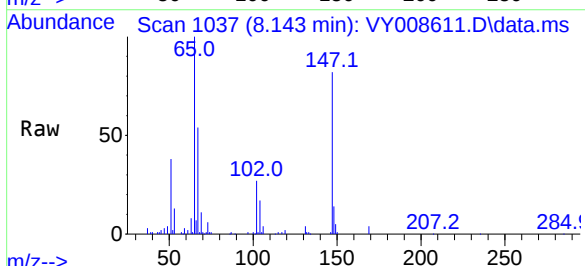
Instrument :
MSVOA_Y
ClientSampleId :
SB02-13-14-FT

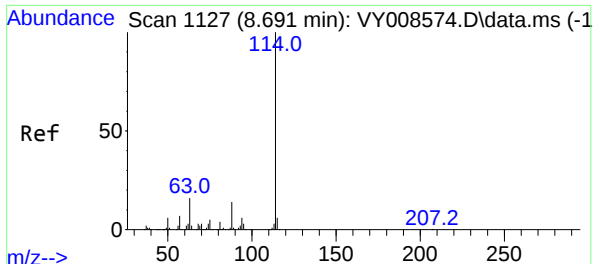
Tgt Ion:168 Resp: 97526
Ion Ratio Lower Upper
168 100
99 47.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.245 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

Tgt Ion: 65 Resp: 48574
Ion Ratio Lower Upper
65 100
67 55.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008611.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

SB02-13-14-FT

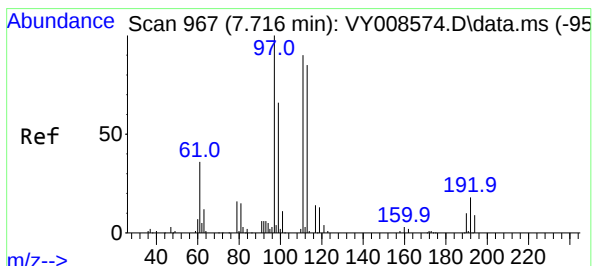
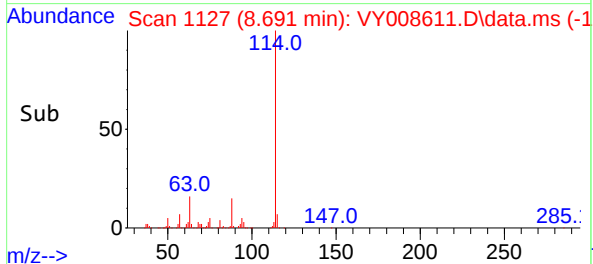
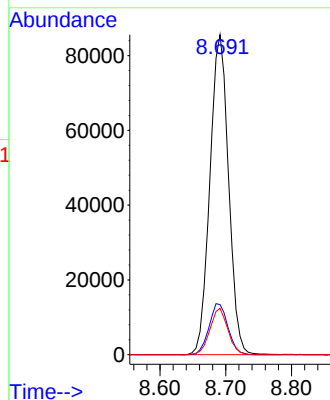
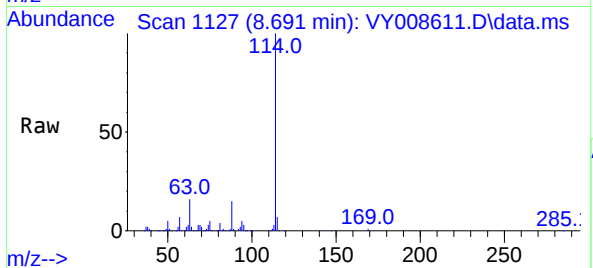
Tgt Ion:114 Resp: 168712

Ion Ratio Lower Upper

114 100

63 15.6 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.791 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008611.D

Acq: 04 May 2022 14:50

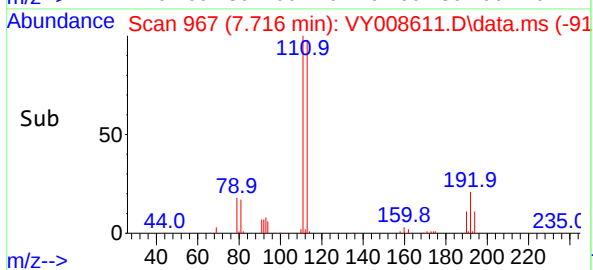
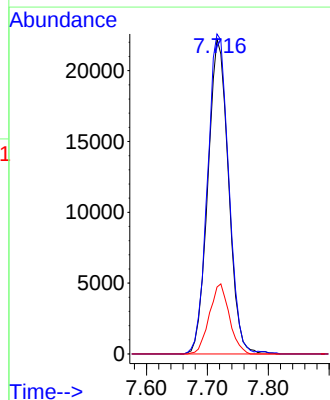
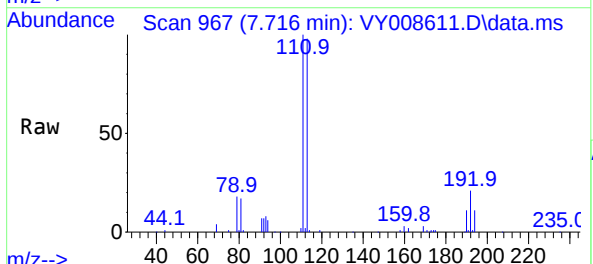
Tgt Ion:113 Resp: 52236

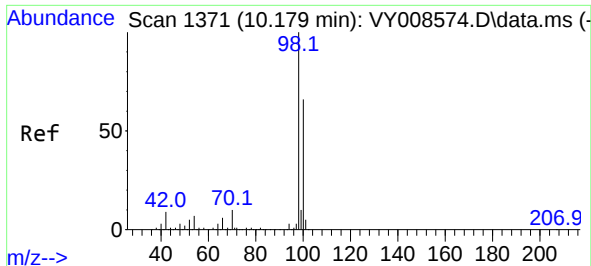
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 21.5 17.6 26.4

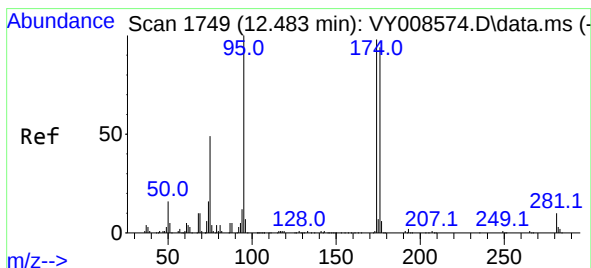
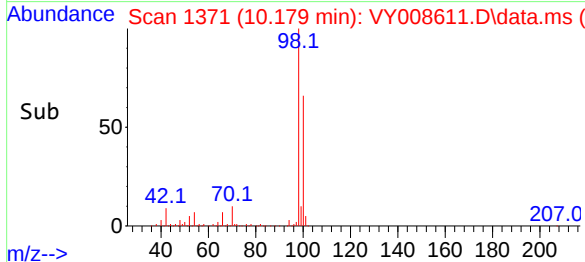
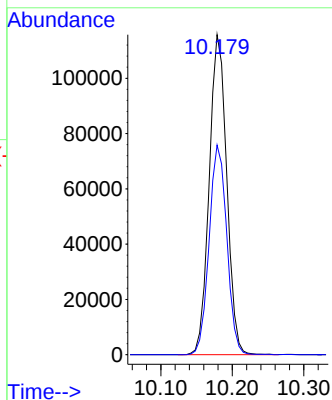
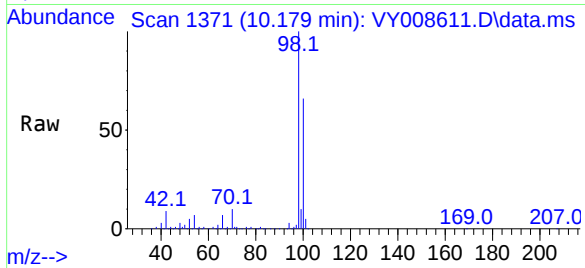




#50
Toluene-d8
Concen: 49.767 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

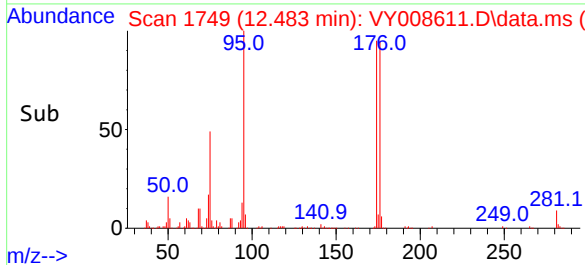
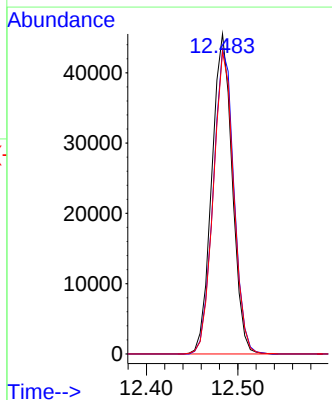
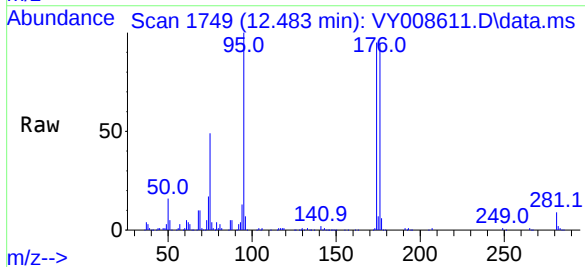
Instrument :
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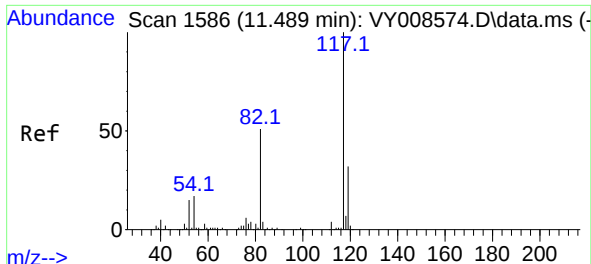
Tgt Ion: 98 Resp: 196832
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.693 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

Tgt Ion: 95 Resp: 70586
Ion Ratio Lower Upper
95 100
174 96.2 0.0 177.0
176 94.0 0.0 175.8

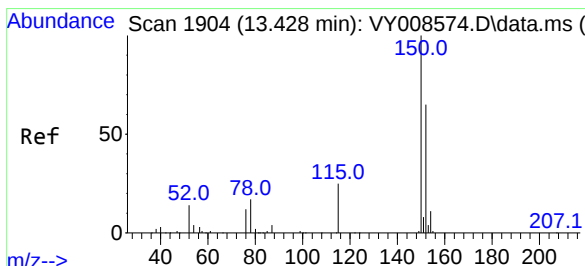
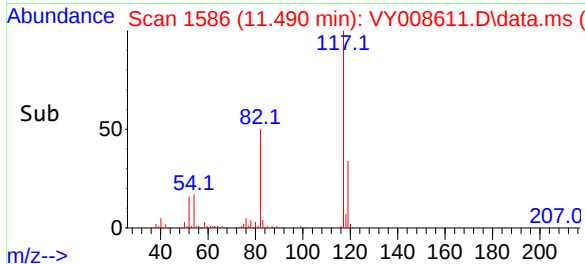
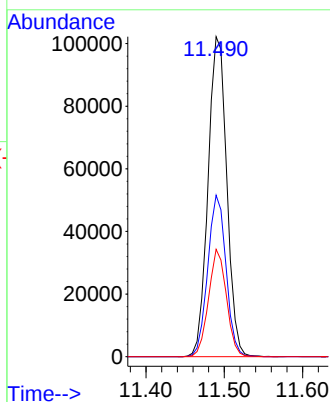
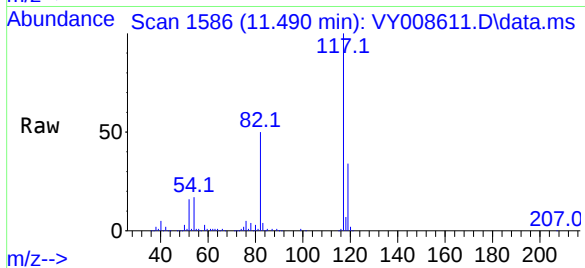




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008611.D
Acq: 04 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
SB02-13-14-FT

Tgt Ion:117 Resp: 169593
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 33.6 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: VY008611.D
Acq: 04 May 2022 14:50

Tgt Ion:152 Resp: 83369
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 158.2 0.0 347.6

