

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008580.D
 Acq On : 03 May 2022 10:38
 Operator : KP/MD
 Sample : VY0503SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0503SBL01

Quant Time: May 03 16:55:21 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	137302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	238539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115932	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65275	48.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.820%
35) Dibromofluoromethane	7.716	113	72021	46.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.840%
50) Toluene-d8	10.179	98	276252	50.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.483	95	100281	50.316	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.640%

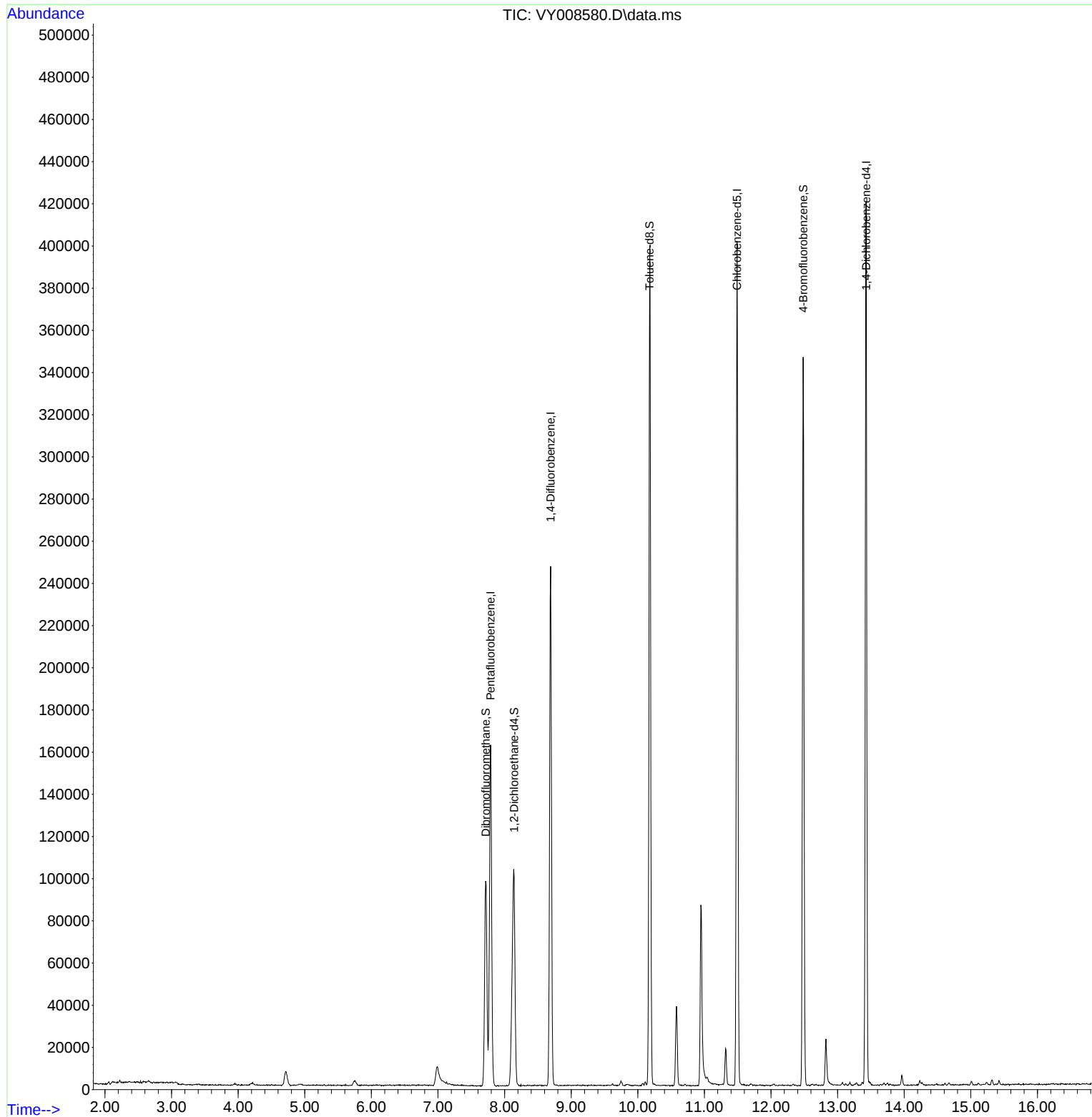
Target Compounds	Qvalue

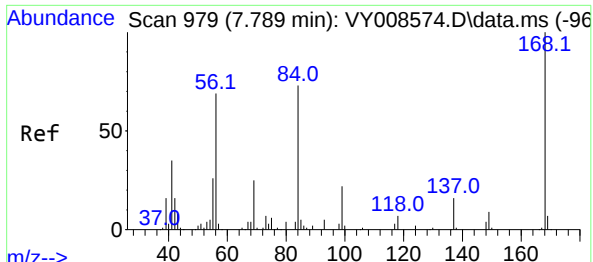
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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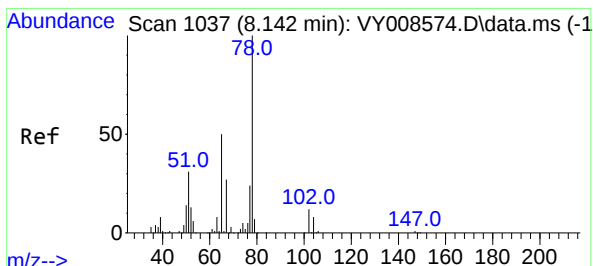
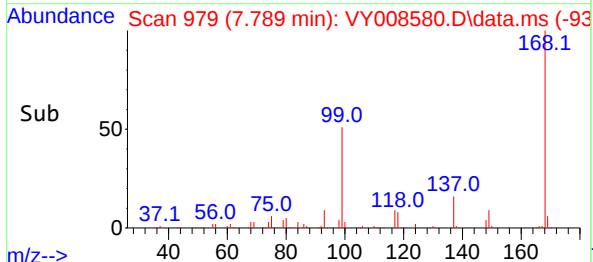
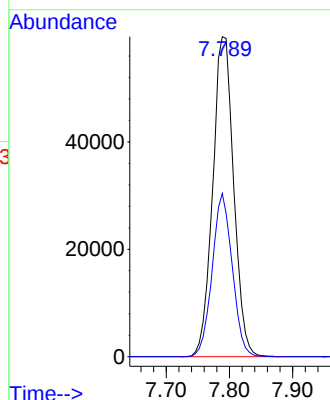
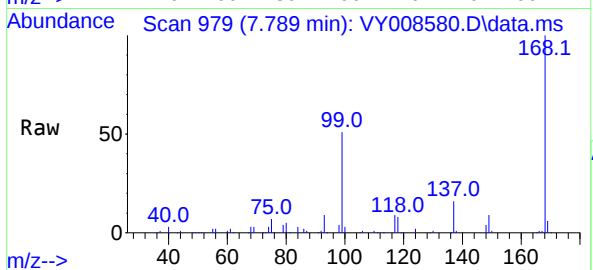




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

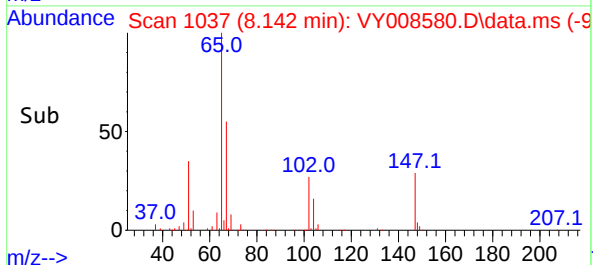
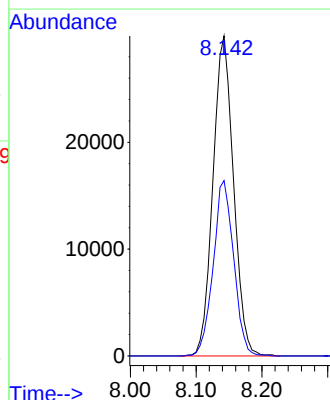
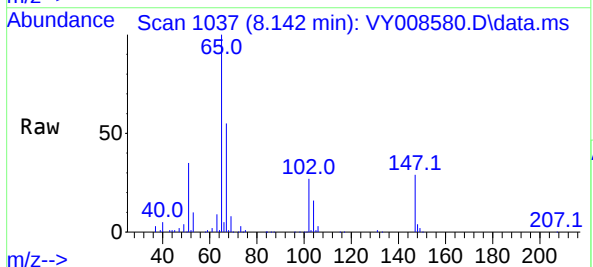
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBL01

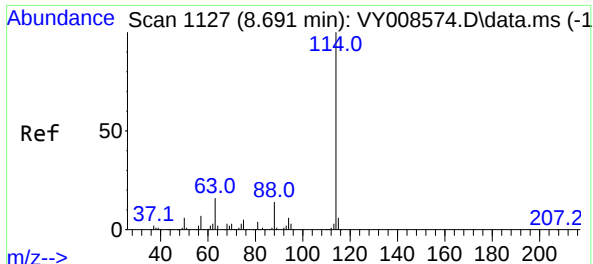
Tgt Ion:168 Resp: 137302
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.914 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

Tgt Ion: 65 Resp: 65275
Ion Ratio Lower Upper
65 100
67 54.6 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: VY008580.D

Acq: 03 May 2022 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBL01

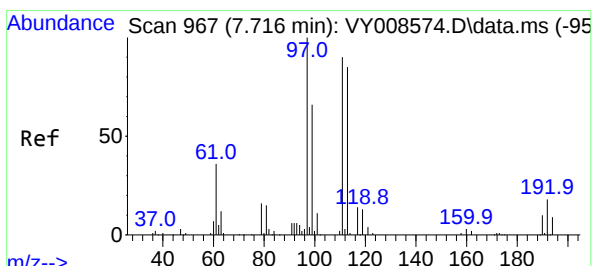
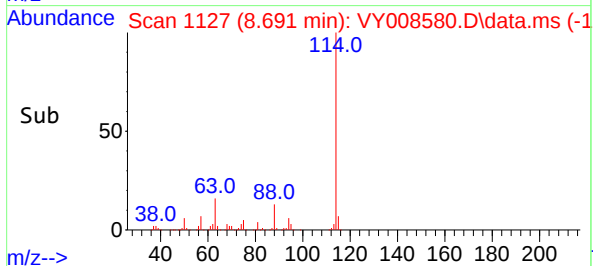
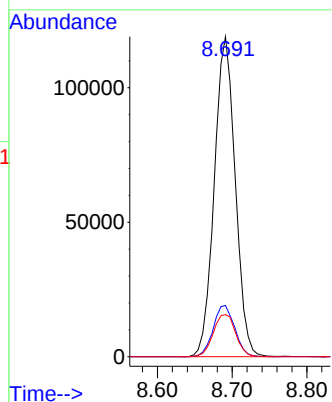
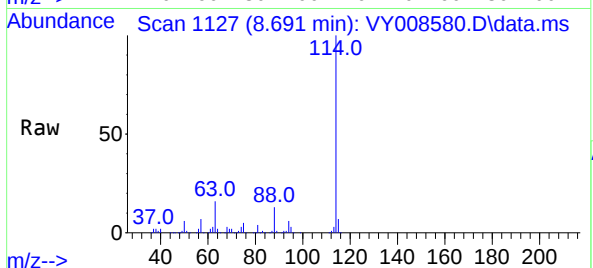
Tgt Ion:114 Resp: 231954

Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.924 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008580.D

Acq: 03 May 2022 10:38

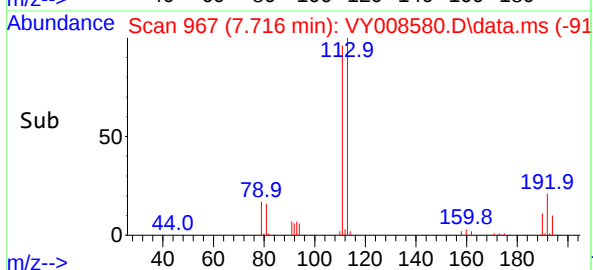
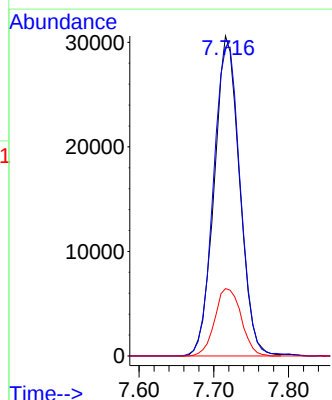
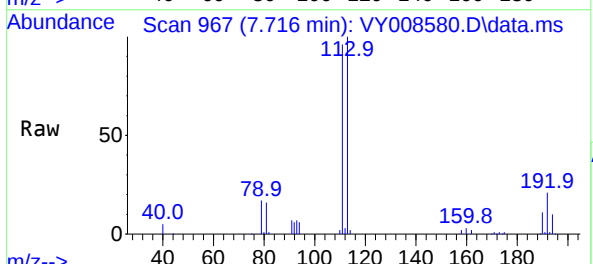
Tgt Ion:113 Resp: 72021

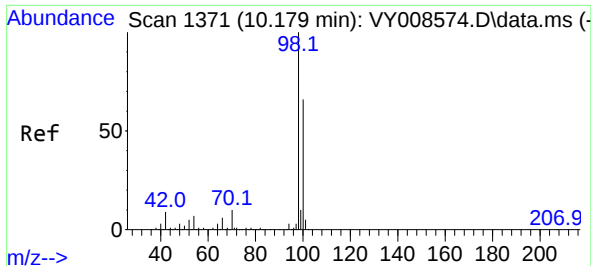
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 21.9 17.6 26.4

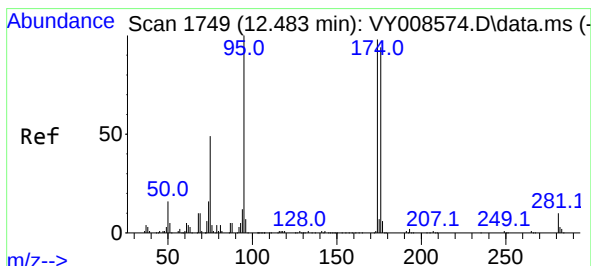
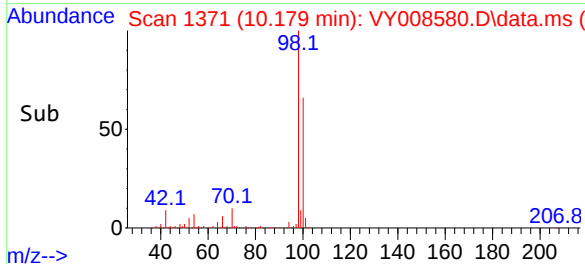
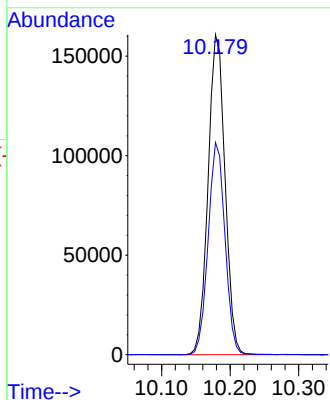
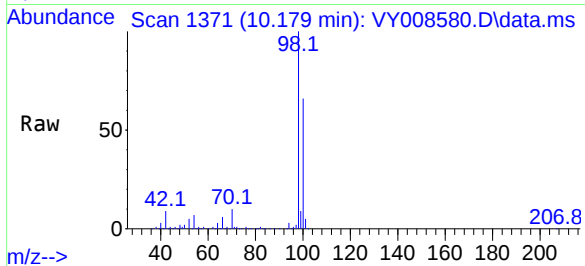




#50
Toluene-d8
Concen: 50.804 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

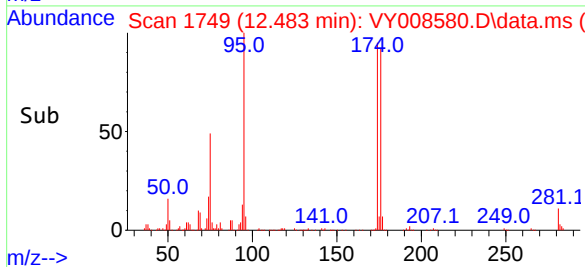
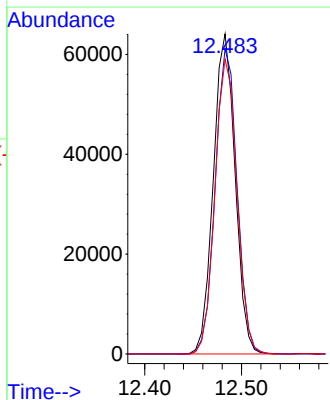
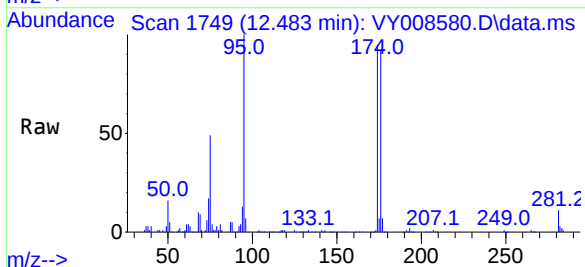
Instrument :
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ClientSampleId :
VY0503SBL01

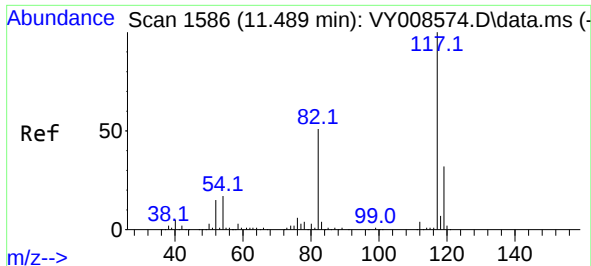
Tgt Ion: 98 Resp: 276252
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

Tgt Ion: 95 Resp: 100281
Ion Ratio Lower Upper
95 100
174 95.5 0.0 177.0
176 92.8 0.0 175.8

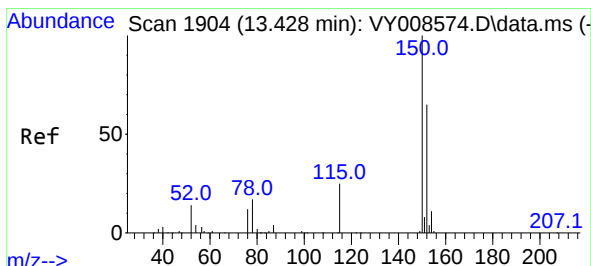
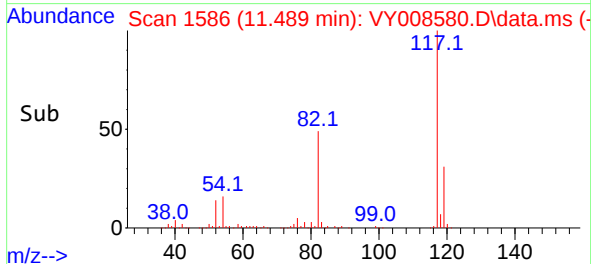
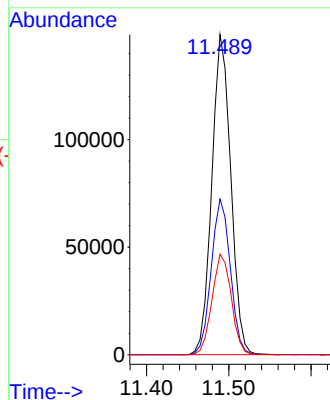
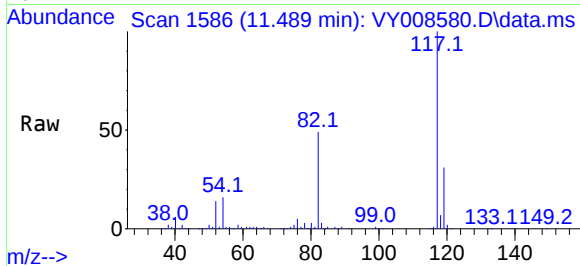




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008580.D
Acq: 03 May 2022 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBL01

Tgt Ion:117 Resp: 238539
Ion Ratio Lower Upper
117 100
82 48.6 43.0 64.4
119 31.4 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: VY008580.D
Acq: 03 May 2022 10:38

Tgt Ion:152 Resp: 115932
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 158.7 0.0 347.6

