

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008596.D
 Acq On : 03 May 2022 16:52
 Operator : KP/MD
 Sample : N2618-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02

Quant Time: May 04 02:42:49 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	133841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	230410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66027	50.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.520%
35) Dibromofluoromethane	7.716	113	72037	47.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.179	98	269279	50.295	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.483	95	98765	50.329	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.660%

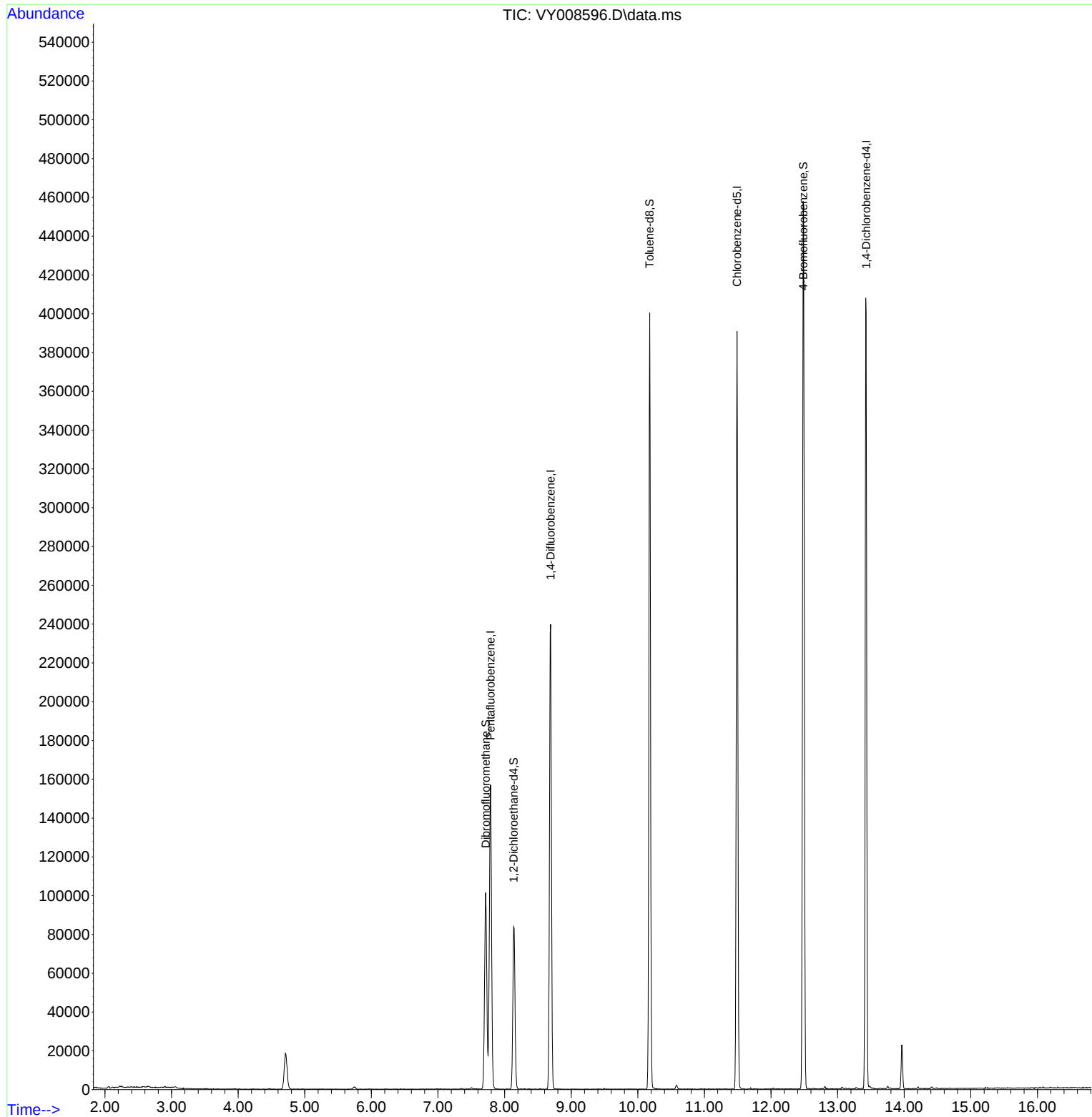
Target Compounds	Qvalue

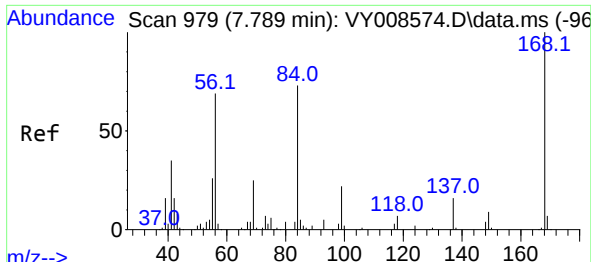
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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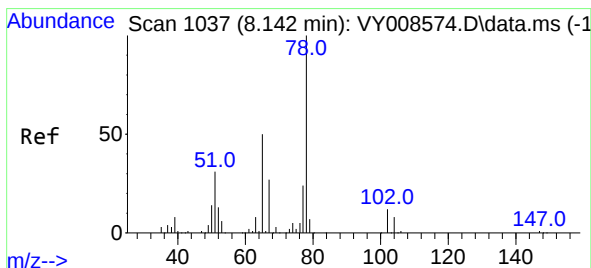
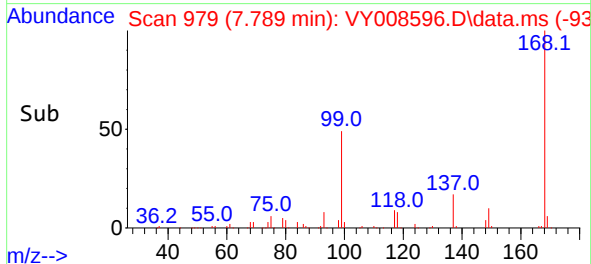
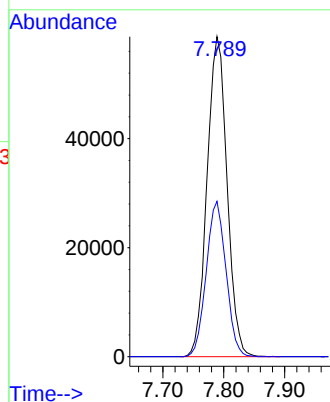
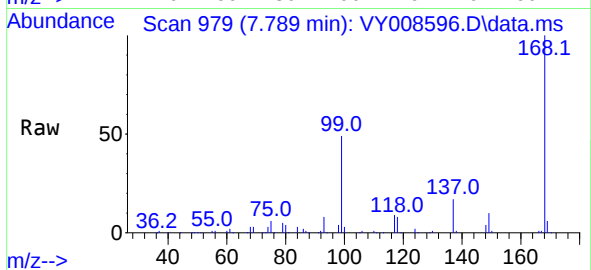




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008596.D
Acq: 03 May 2022 16:52

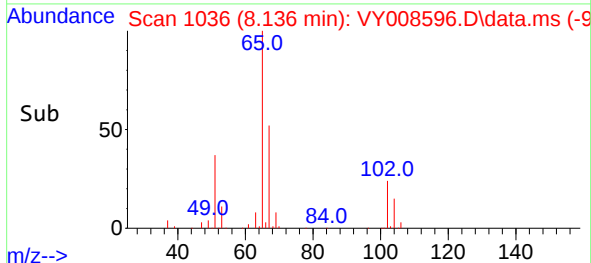
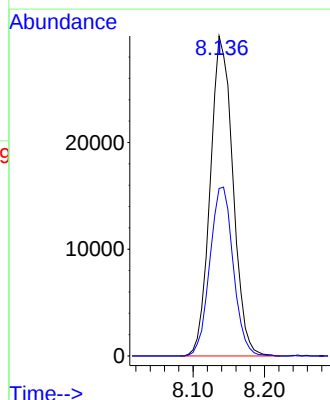
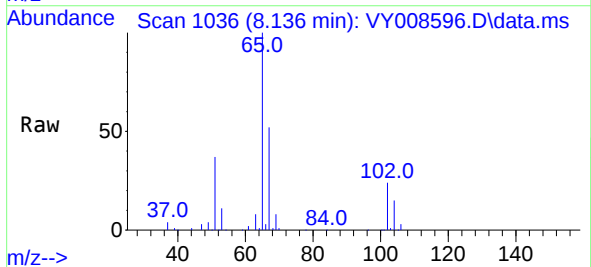
Instrument :
MSVOA_Y
ClientSampleId :
SB-02

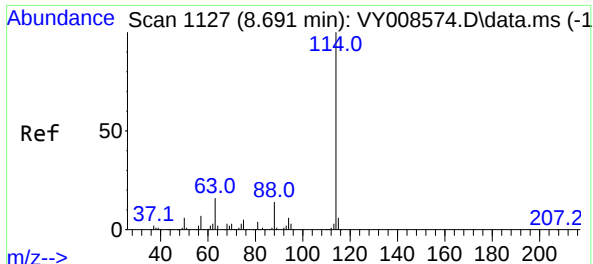
Tgt Ion:168 Resp: 133841
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.757 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008596.D
Acq: 03 May 2022 16:52

Tgt Ion: 65 Resp: 66027
Ion Ratio Lower Upper
65 100
67 54.5 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: VY008596.D

Acq: 03 May 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-02

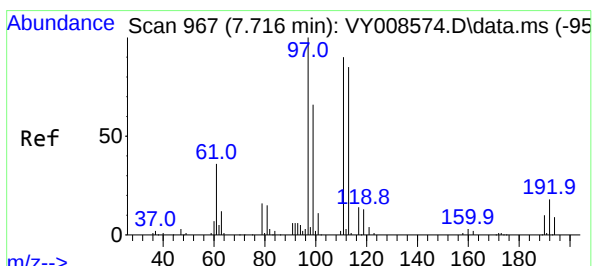
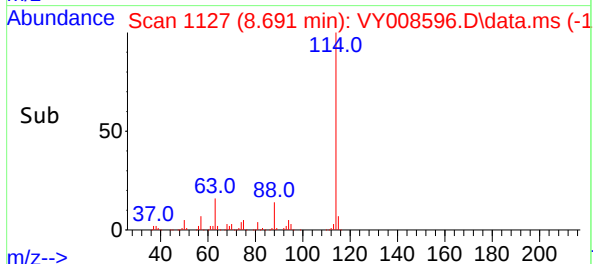
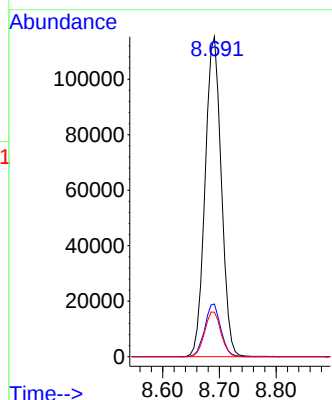
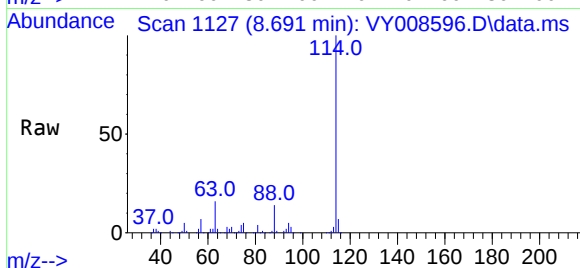
Tgt Ion:114 Resp: 228387

Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.668 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008596.D

Acq: 03 May 2022 16:52

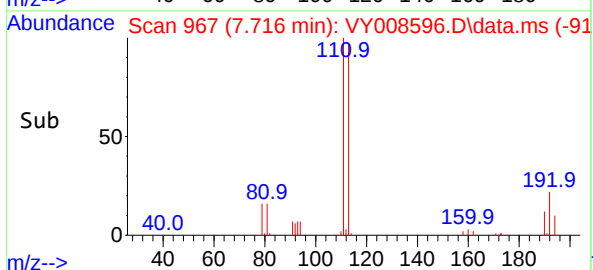
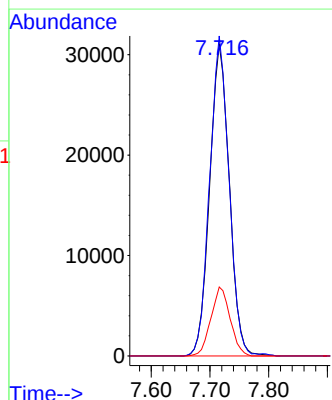
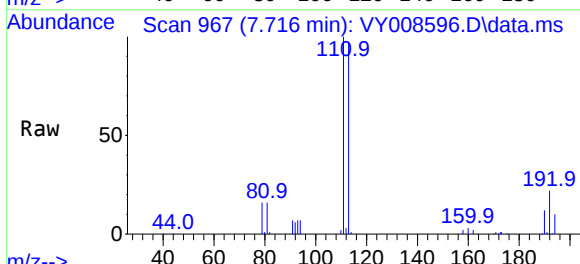
Tgt Ion:113 Resp: 72037

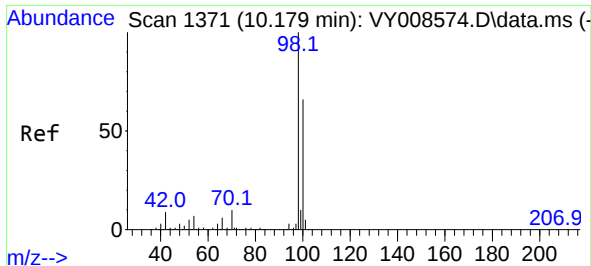
Ion Ratio Lower Upper

113 100

111 101.0 82.6 124.0

192 21.7 17.6 26.4

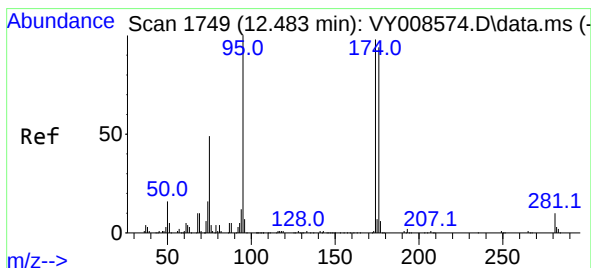
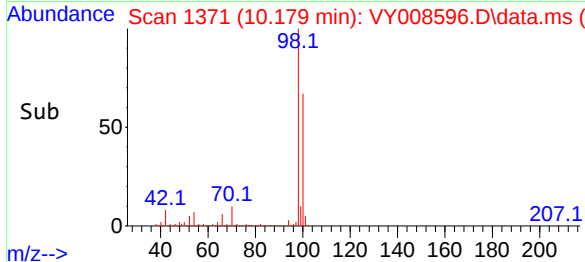
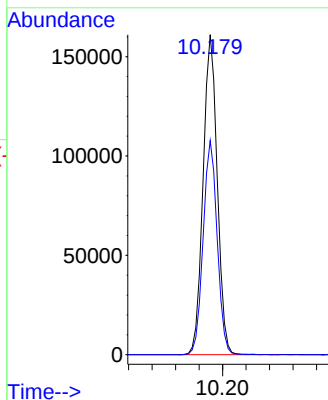
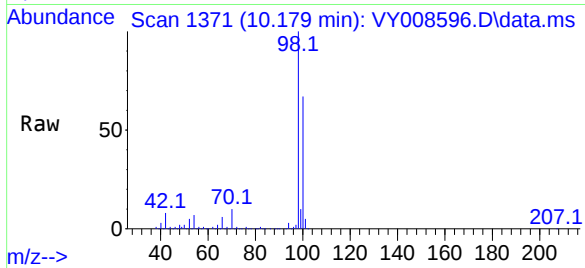




#50
Toluene-d8
Concen: 50.295 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008596.D
Acq: 03 May 2022 16:52

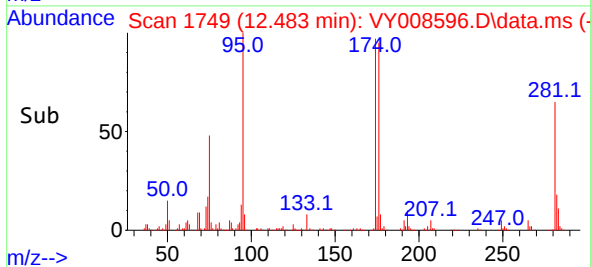
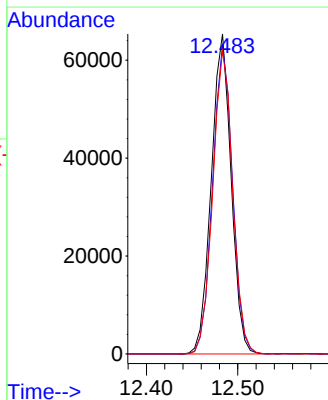
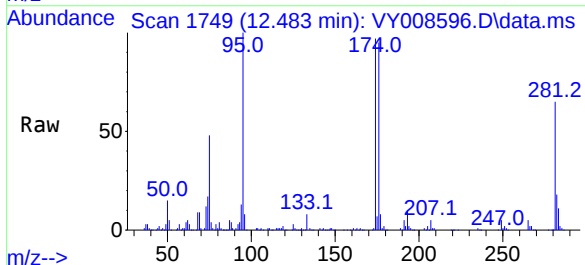
Instrument :
MSVOA_Y
ClientSampleId :
SB-02

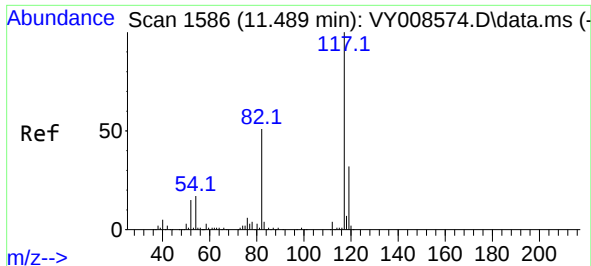
Tgt Ion: 98 Resp: 269279
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.329 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008596.D
Acq: 03 May 2022 16:52

Tgt Ion: 95 Resp: 98765
Ion Ratio Lower Upper
95 100
174 96.8 0.0 177.0
176 95.2 0.0 175.8

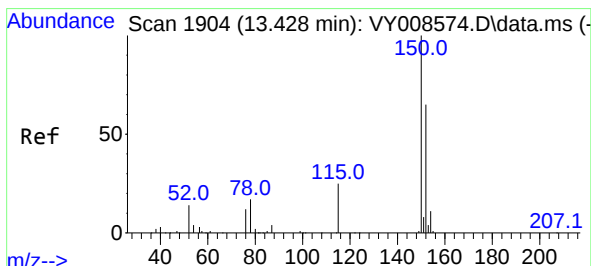
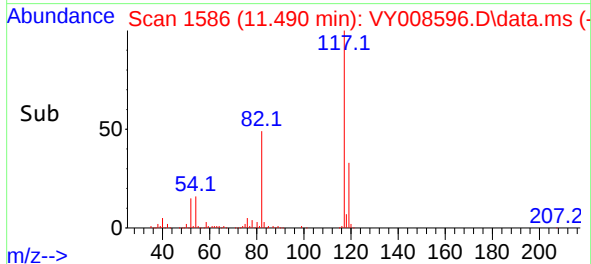
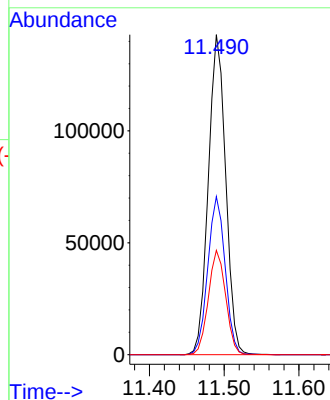
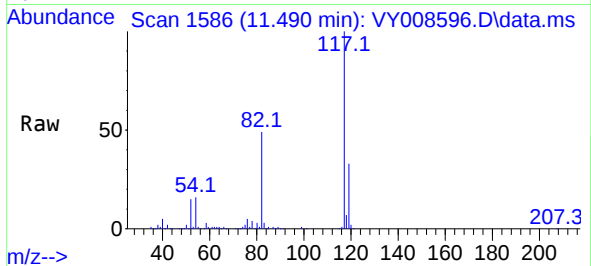




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008596.D
Acq: 03 May 2022 16:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-02

Tgt Ion:117 Resp: 230410
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 32.6 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: VY008596.D
Acq: 03 May 2022 16:52

Tgt Ion:152 Resp: 115798
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 155.8 0.0 347.6

