

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008236.D
 Acq On : 06 Apr 2022 15:44
 Operator : SY/MD
 Sample : N2281-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-040622

Quant Time: Apr 07 02:12:31 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	44955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	78714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	71157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	24665	54.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.380%
35) Dibromofluoromethane	7.716	113	24584	49.814	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.179	98	93258	50.157	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.483	95	29021	44.241	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.480%

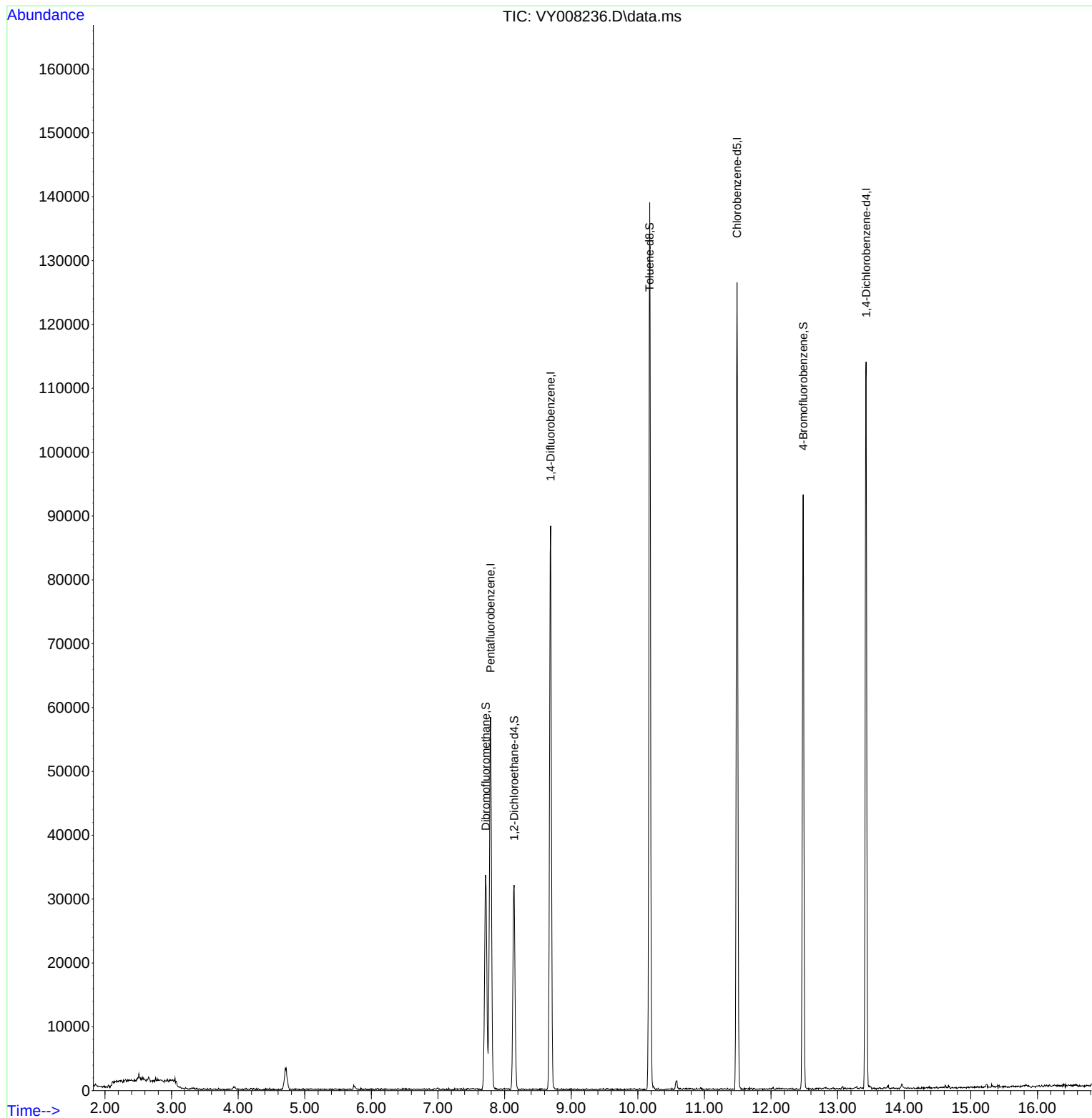
Target Compounds	Qvalue

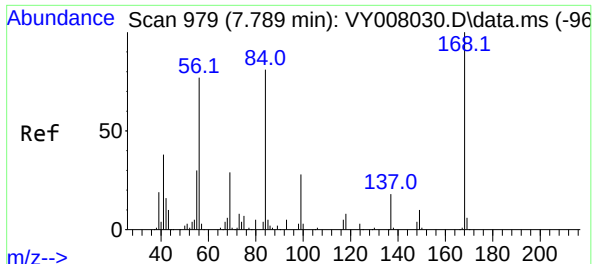
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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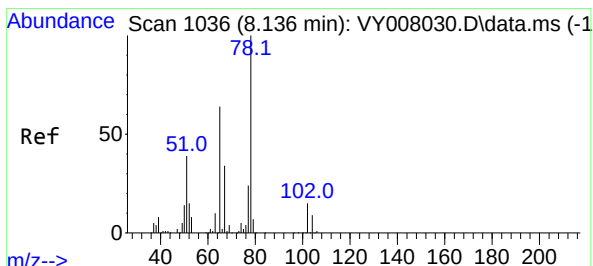
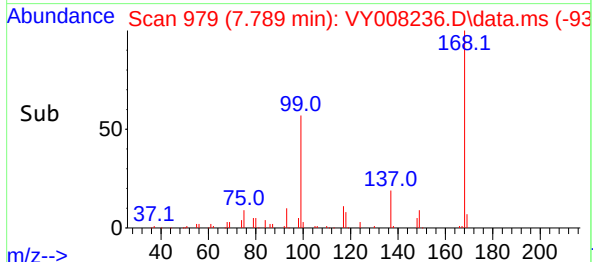
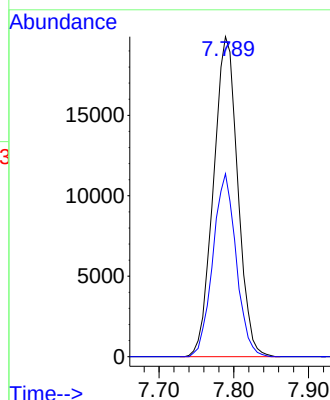
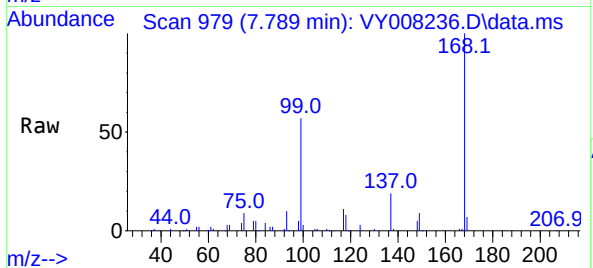




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

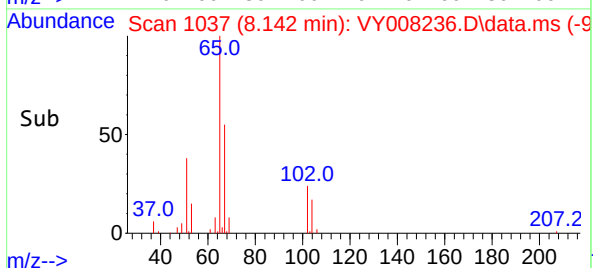
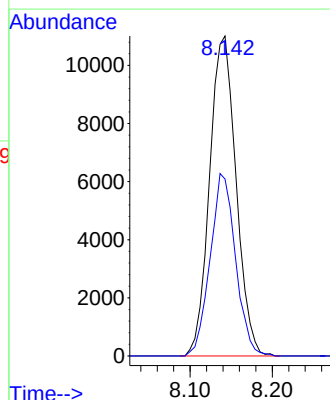
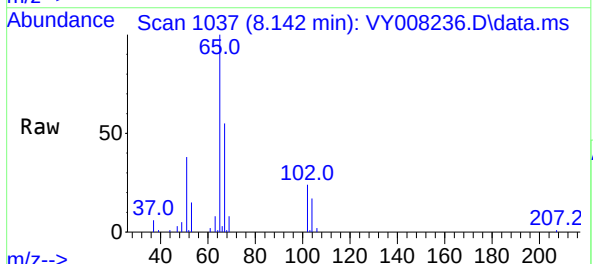
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622

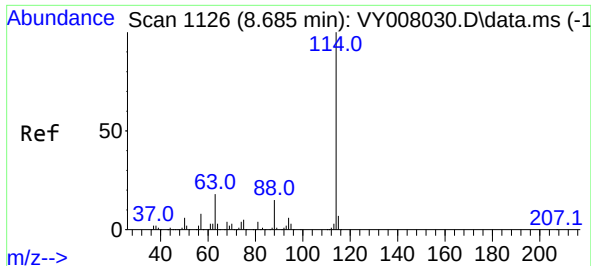
Tgt Ion:168 Resp: 44955
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.686 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

Tgt Ion: 65 Resp: 24665
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# 1126

Delta R.T. 0.006 min

Lab File: VY008236.D

Acq: 06 Apr 2022 15:44

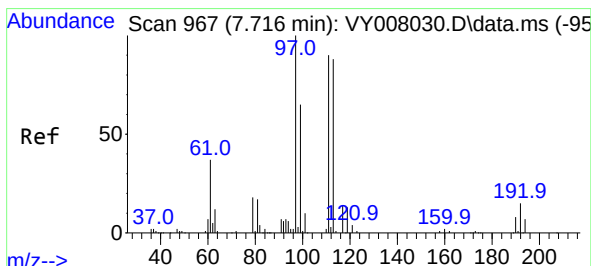
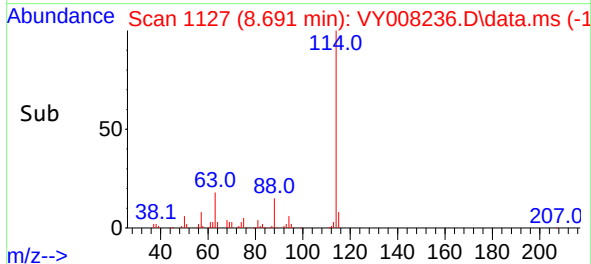
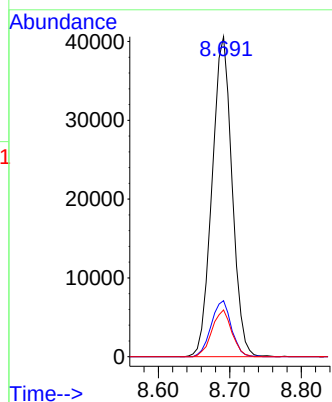
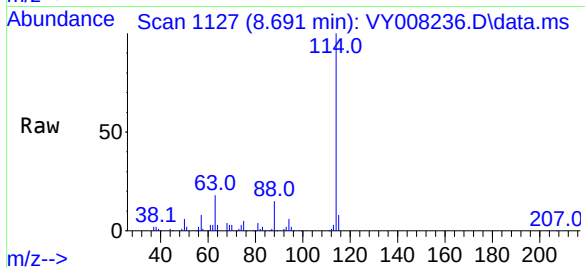
Instrument :

MSVOA_Y

ClientSampleId :

TR-05-040622

Tgt Ion:114	Resp:	78714
Ion	Ratio	Lower Upper
114	100	
63	17.5	0.0 43.2
88	14.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 49.814 ug/l

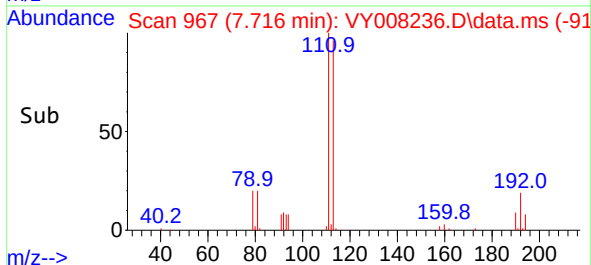
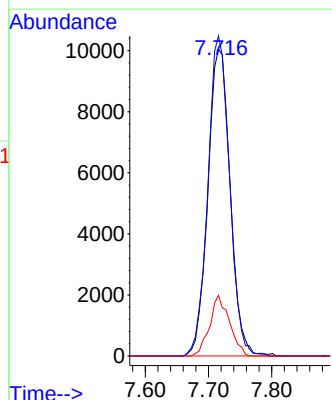
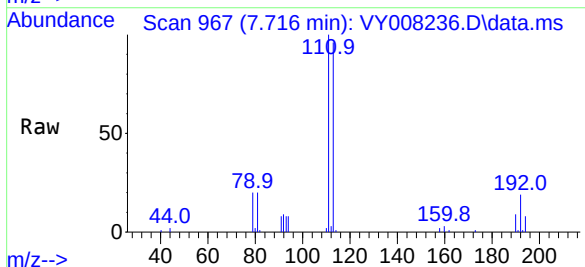
RT: 7.716 min Scan# 967

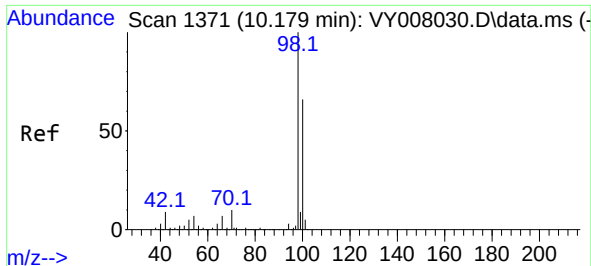
Delta R.T. -0.000 min

Lab File: VY008236.D

Acq: 06 Apr 2022 15:44

Tgt Ion:113	Resp:	24584
Ion	Ratio	Lower Upper
113	100	
111	101.5	82.6 124.0
192	17.6	17.6 26.4

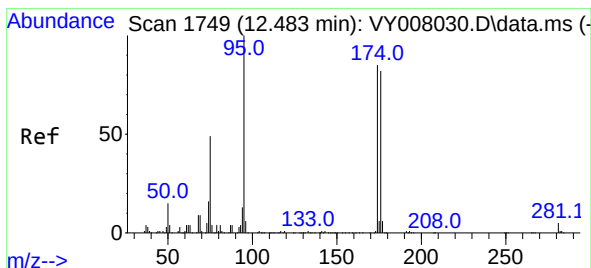
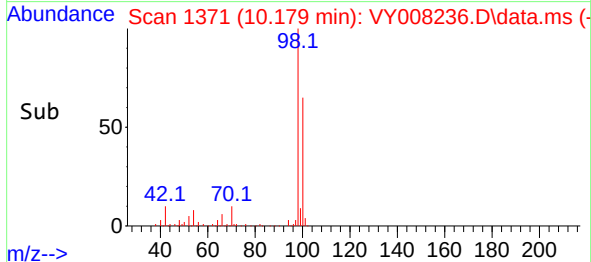
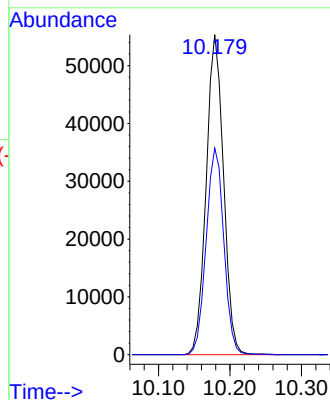
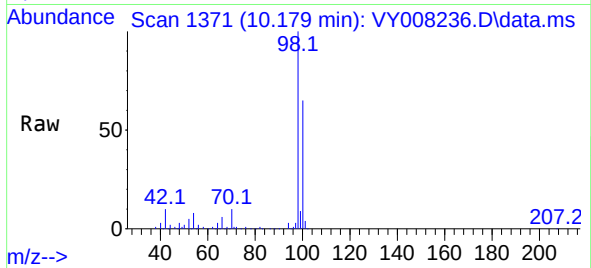




#50
Toluene-d8
Concen: 50.157 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

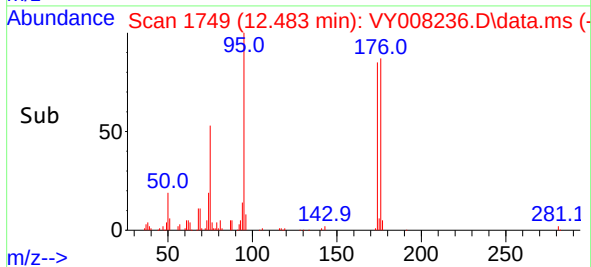
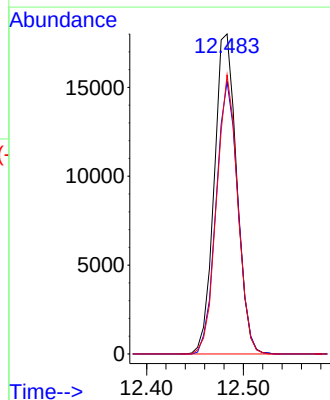
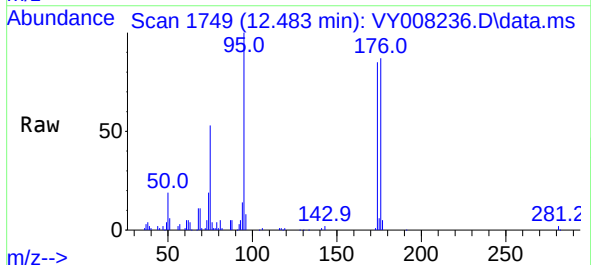
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622

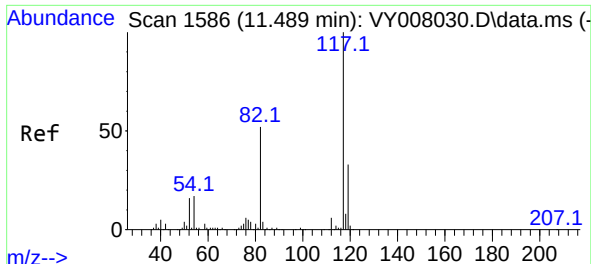
Tgt Ion: 98 Resp: 93258
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.241 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

Tgt Ion: 95 Resp: 29021
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 81.9 0.0 175.8

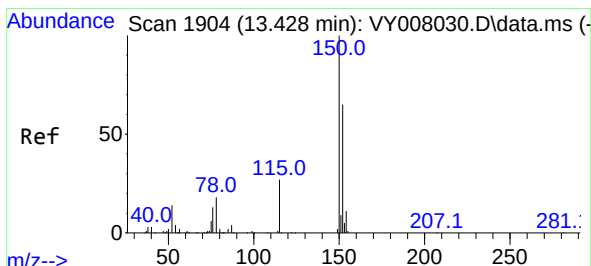
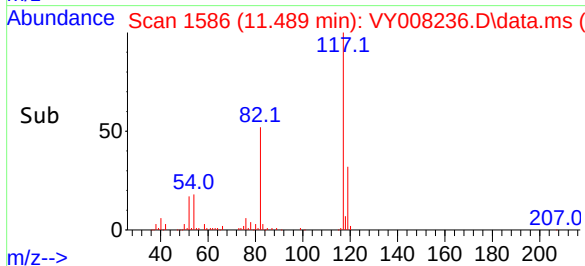
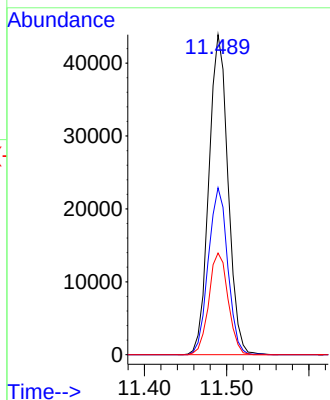
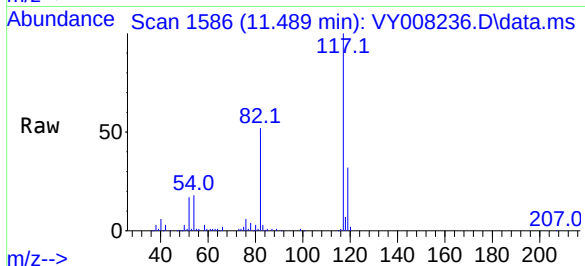




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008236.D
Acq: 06 Apr 2022 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622

Tgt Ion:	117	Resp:	71157
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.0	64.4
119	31.8	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: VY008236.D
Acq: 06 Apr 2022 15:44

Tgt Ion:	152	Resp:	29827
Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.2	84.7
150	157.4	0.0	347.6

