

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007812.D
 Acq On : 09 Mar 2022 20:14
 Operator : SY/MD
 Sample : N1825-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-30

Quant Time: Mar 10 01:05:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	5173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	8580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2527	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4145	76.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.080%
35) Dibromofluoromethane	7.716	113	2962	53.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.000%
50) Toluene-d8	10.179	98	9099	45.062	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.120%
62) 4-Bromofluorobenzene	12.477	95	2470	37.948	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.900%

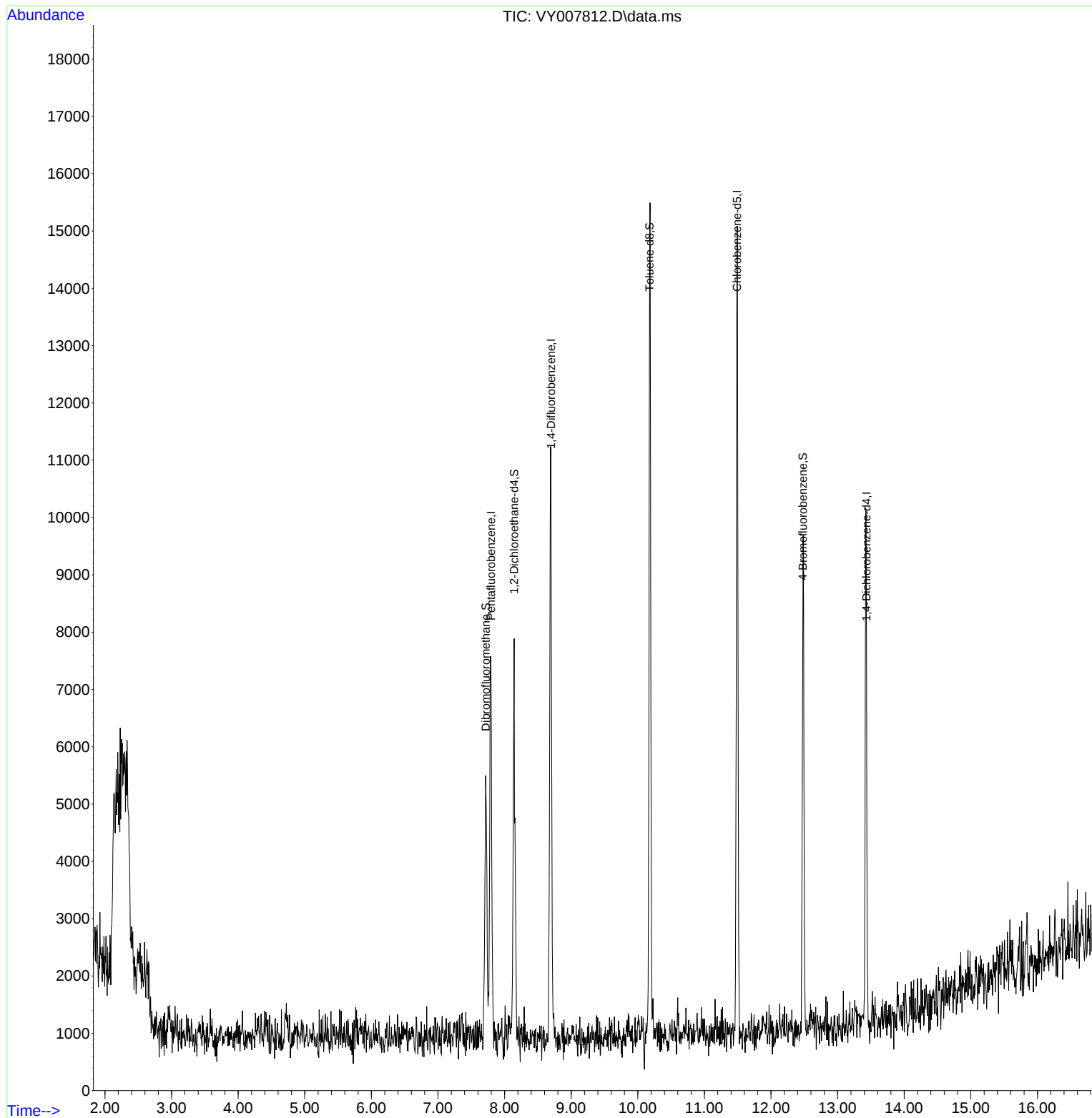
Target Compounds	Qvalue

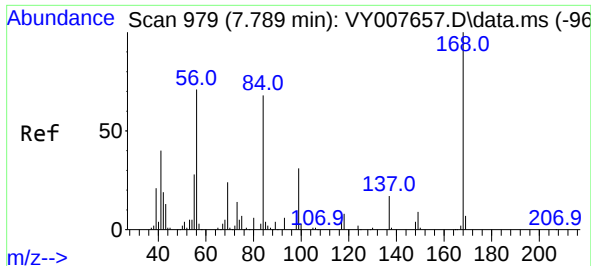
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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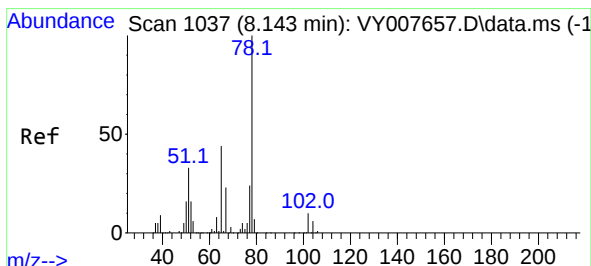
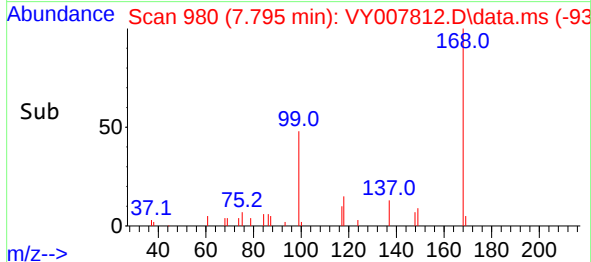
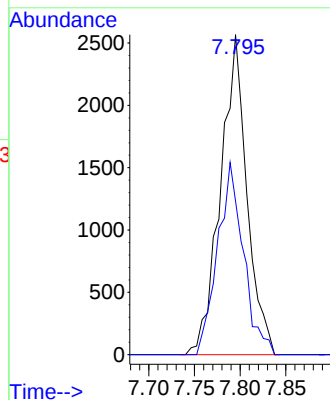
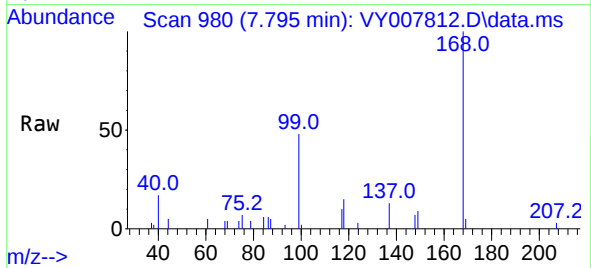




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

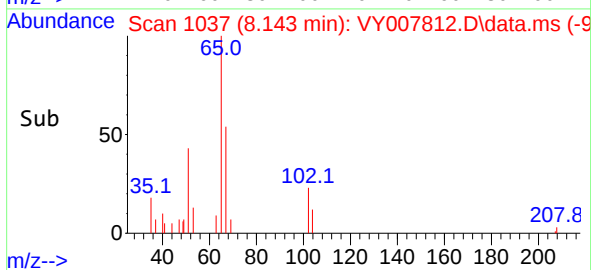
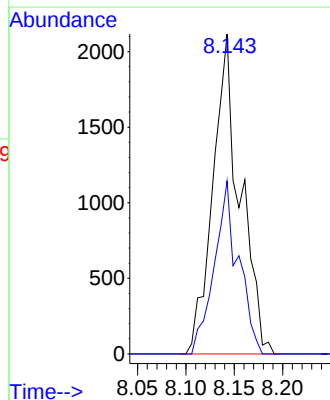
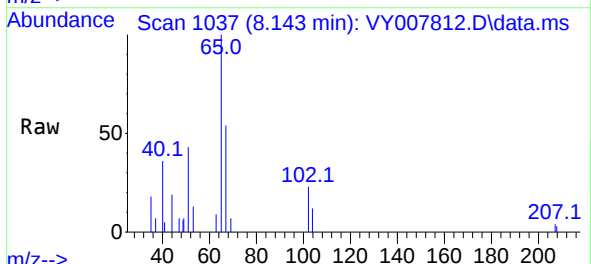
Instrument :
MSVOA_Y
ClientSampleId :
DUM-30

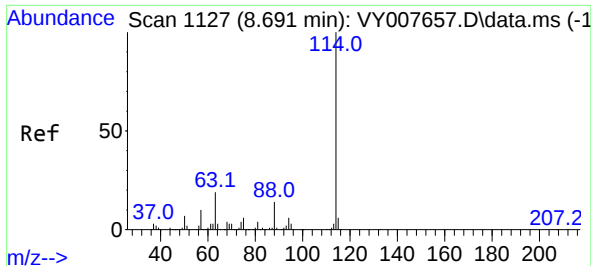
Tgt Ion:168 Resp: 5173
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 76.537 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Tgt Ion: 65 Resp: 4145
Ion Ratio Lower Upper
65 100
67 47.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY007812.D

Acq: 09 Mar 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

DUM-30

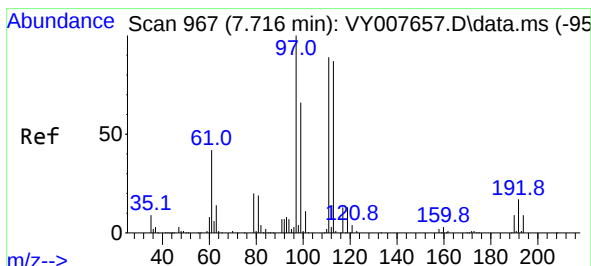
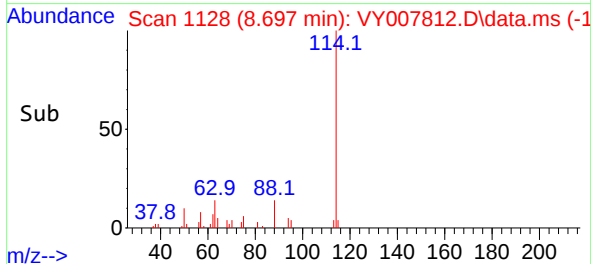
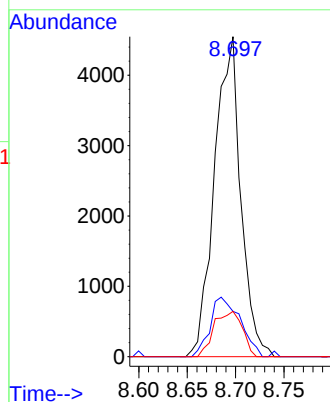
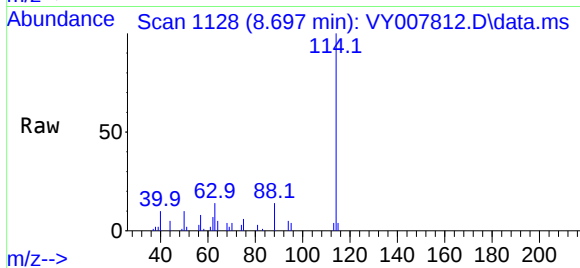
Tgt Ion:114 Resp: 8580

Ion Ratio Lower Upper

114 100

63 14.2 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.997 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007812.D

Acq: 09 Mar 2022 20:14

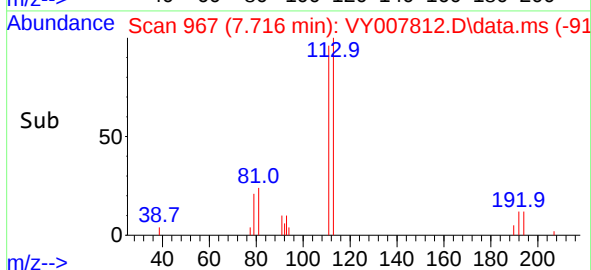
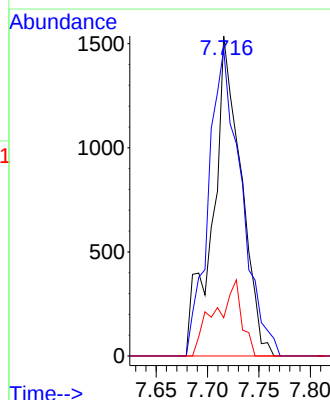
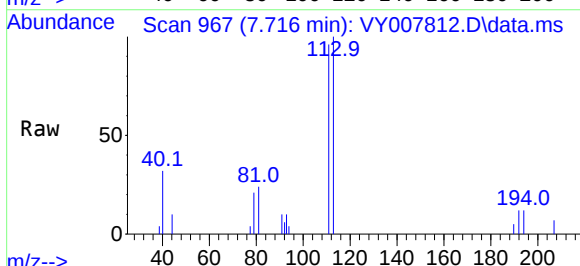
Tgt Ion:113 Resp: 2962

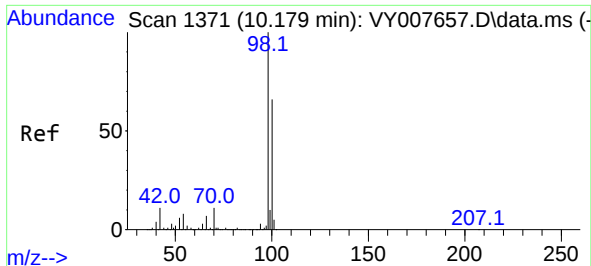
Ion Ratio Lower Upper

113 100

111 110.3 82.6 124.0

192 22.3 17.6 26.4

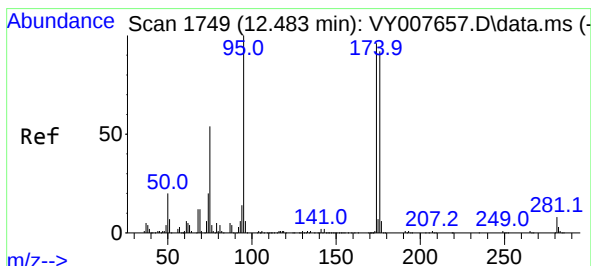
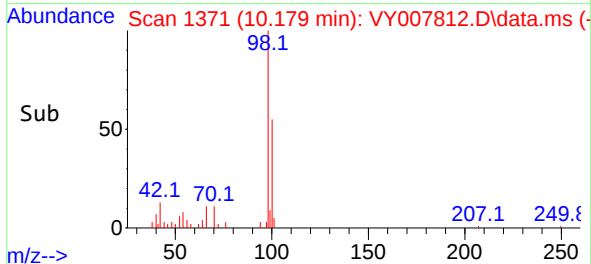
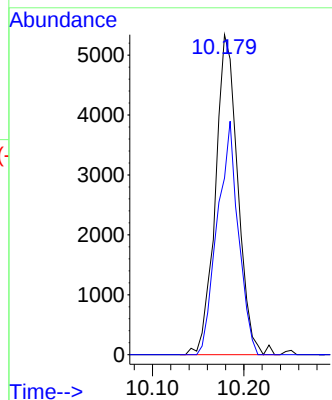
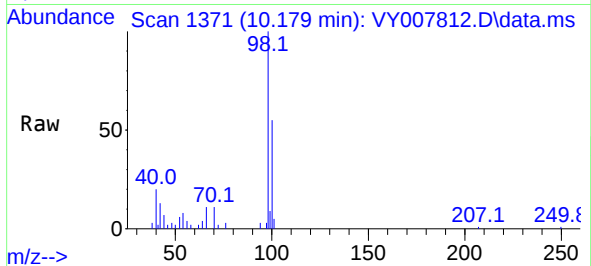




#50
Toluene-d8
Concen: 45.062 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

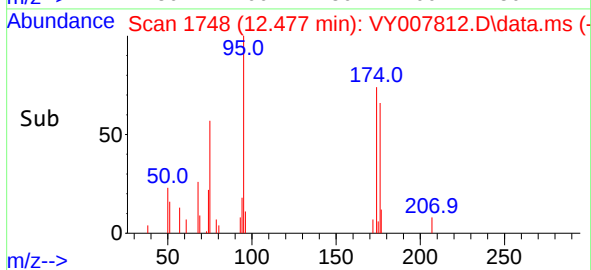
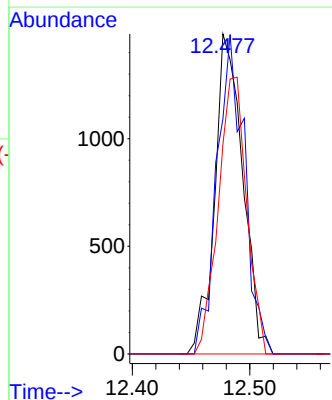
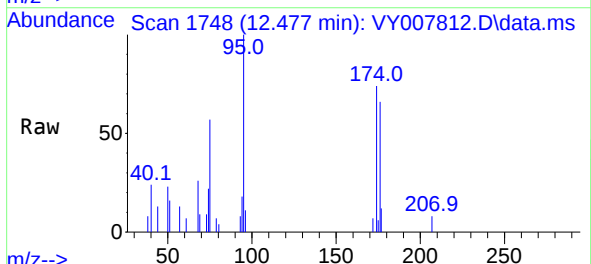
Instrument :
MSVOA_Y
ClientSampleId :
DUM-30

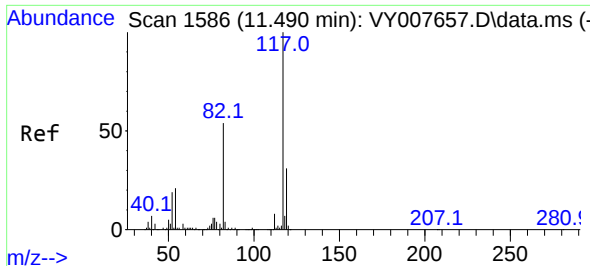
Tgt Ion: 98 Resp: 9099
Ion Ratio Lower Upper
98 100
100 68.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.948 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Tgt Ion: 95 Resp: 2470
Ion Ratio Lower Upper
95 100
174 97.6 0.0 177.0
176 87.4 0.0 175.8

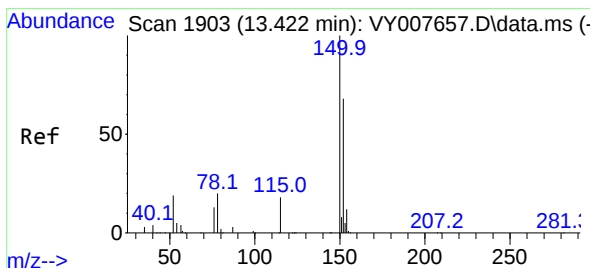
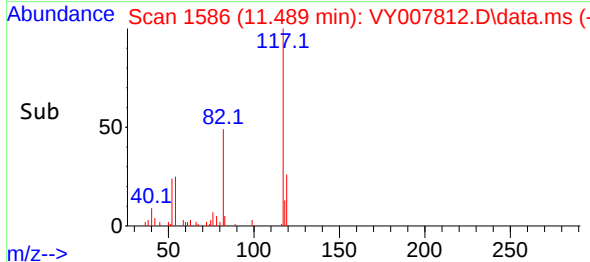
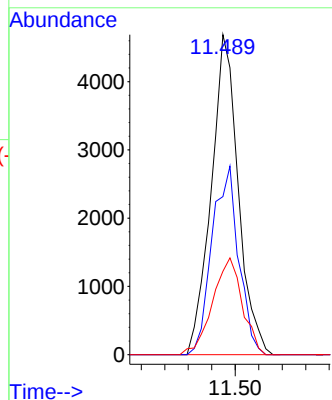
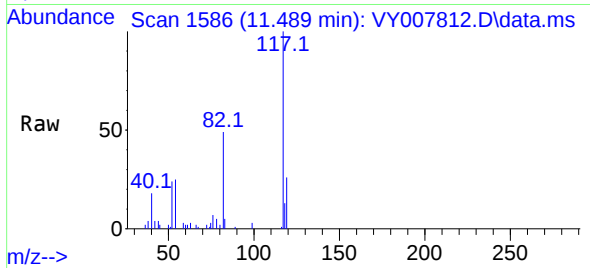




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Instrument :
MSVOA_Y
ClientSampleId :
DUM-30

Tgt Ion:117	Resp:	7507
Ion	Ratio	Lower Upper
117	100	
82	49.4	43.0 64.4
119	26.1	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY007812.D
Acq: 09 Mar 2022 20:14

Tgt Ion:152	Resp:	2527
Ion	Ratio	Lower Upper
152	100	
115	51.0	28.2 84.7
150	144.0	0.0 347.6

