

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008354.D
 Acq On : 15 Apr 2022 16:26
 Operator : KP/MD
 Sample : N2432-02
 Misc : 6.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5115

Quant Time: Apr 16 04:59:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	17049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	26280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7971	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7131	44.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.060%
35) Dibromofluoromethane	7.716	113	7579	49.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.860%
50) Toluene-d8	10.179	98	29857	57.485	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.960%
62) 4-Bromofluorobenzene	12.483	95	8156	41.750	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.500%

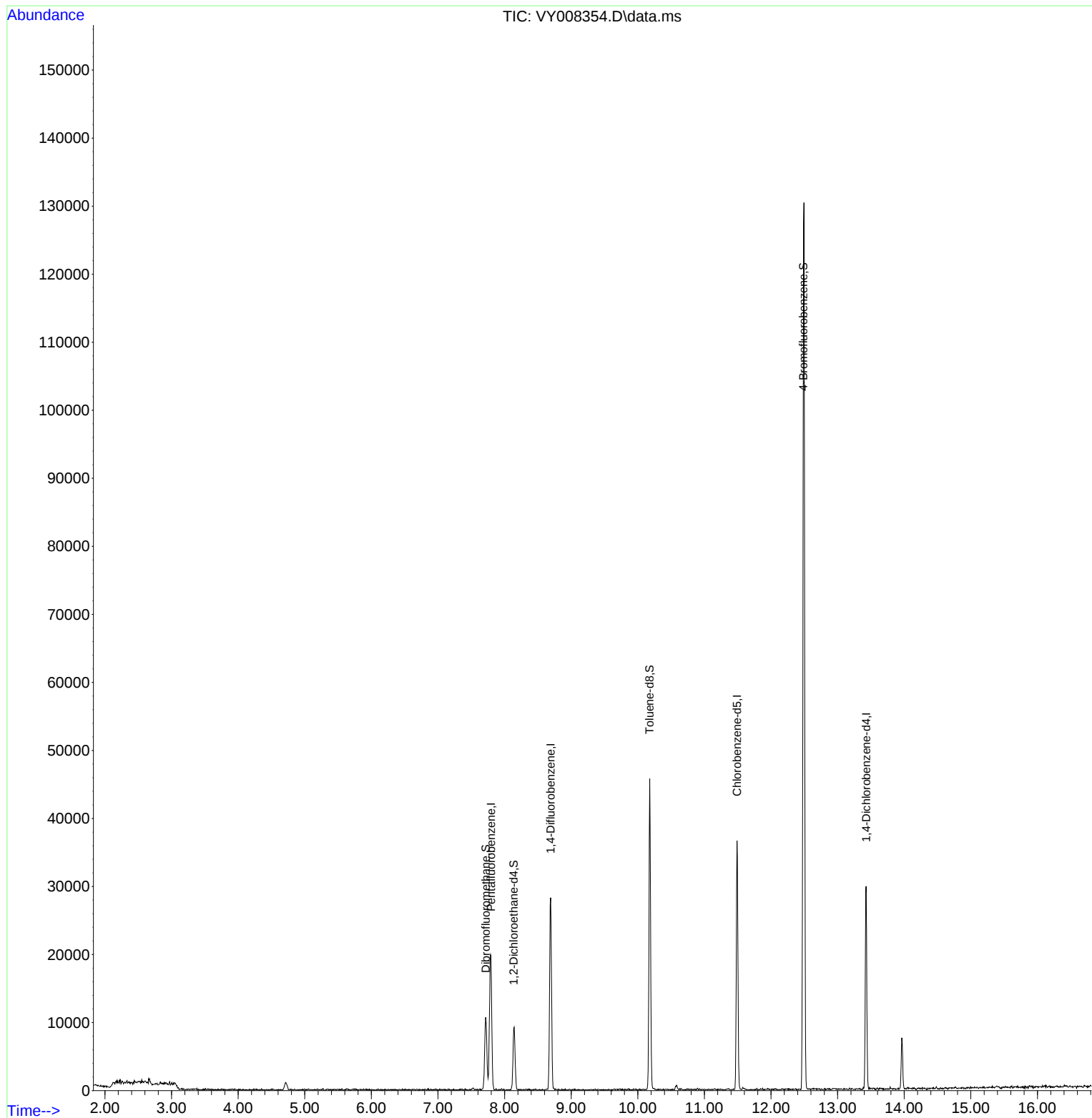
Target Compounds	Qvalue

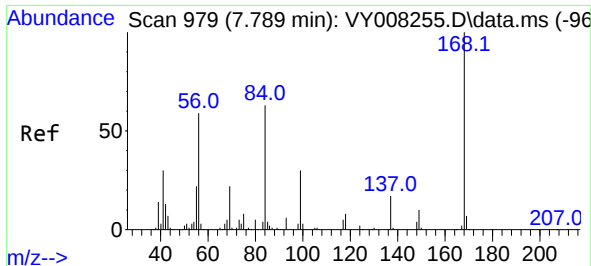
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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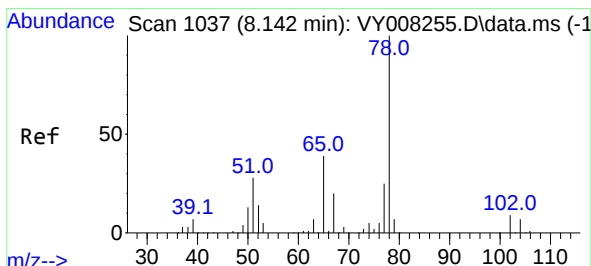
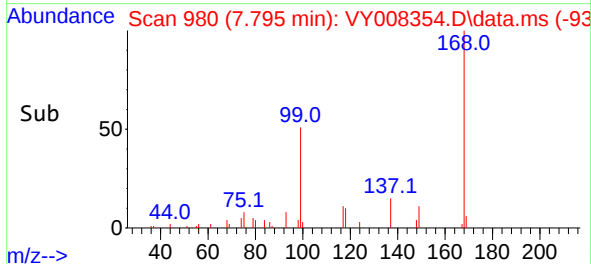
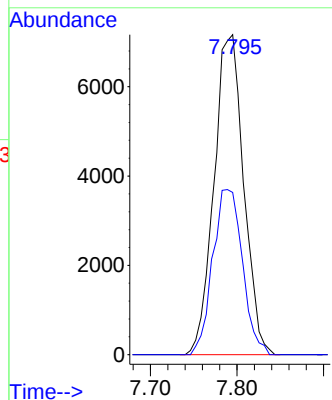
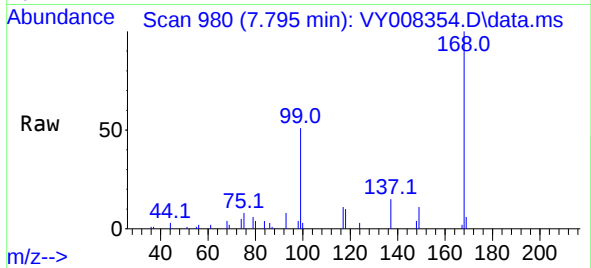




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

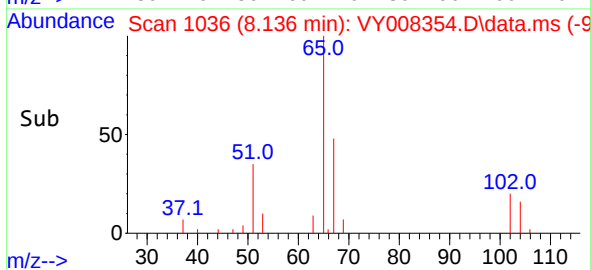
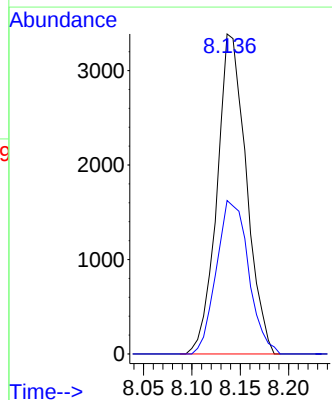
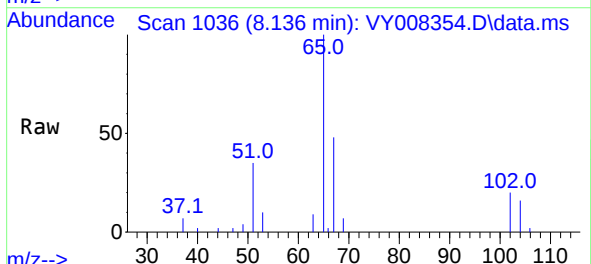
Instrument :
MSVOA_Y
ClientSampleId :
SB-5115

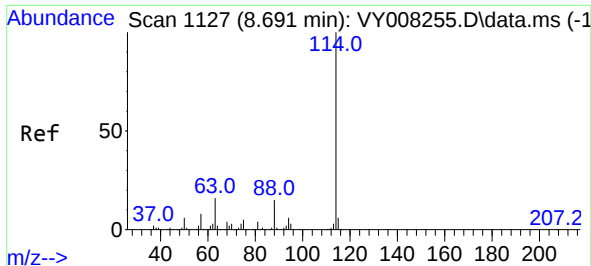
Tgt Ion:168 Resp: 17049
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.528 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 65 Resp: 7131
Ion Ratio Lower Upper
65 100
67 52.5 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: VY008354.D

Acq: 15 Apr 2022 16:26

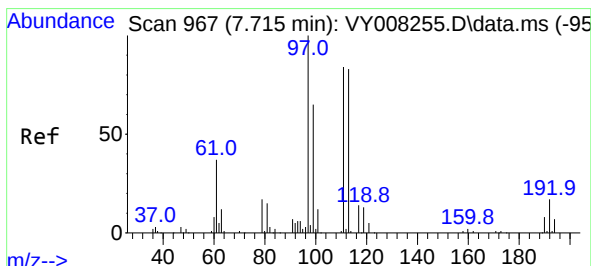
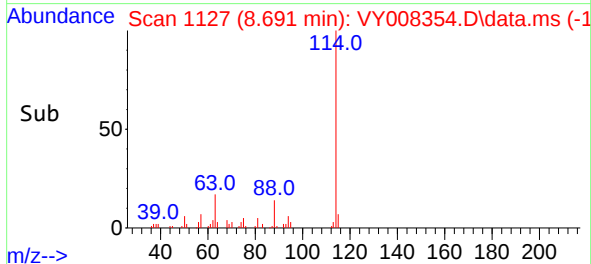
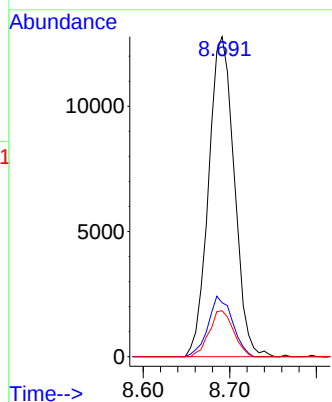
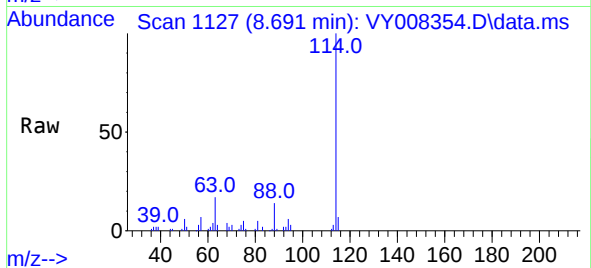
Instrument :

MSVOA_Y

ClientSampleId :

SB-5115

Tgt Ion:114	Resp:	26280
Ion	Ratio	Lower Upper
114	100	
63	16.9	0.0 43.2
88	14.3	0.0 31.8



#35

Dibromofluoromethane

Concen: 49.931 ug/l

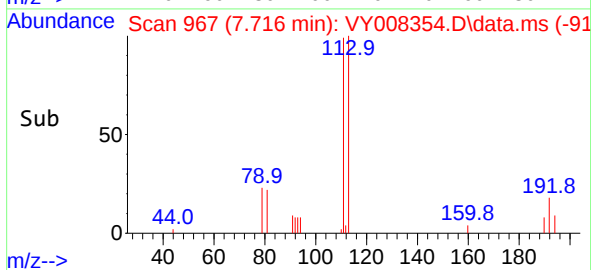
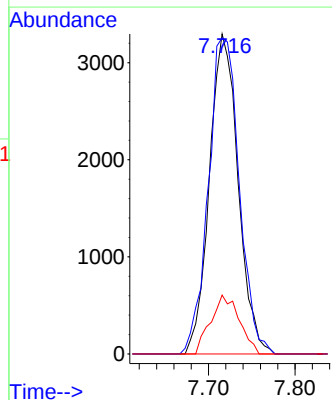
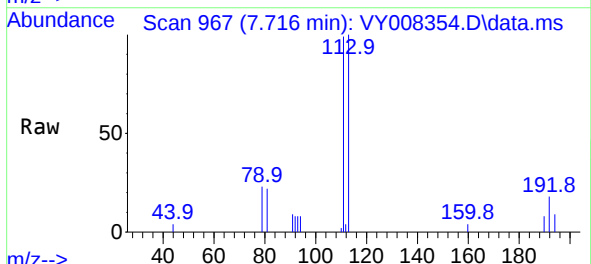
RT: 7.716 min Scan# 967

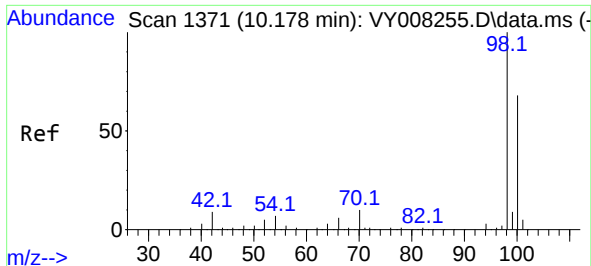
Delta R.T. 0.001 min

Lab File: VY008354.D

Acq: 15 Apr 2022 16:26

Tgt Ion:113	Resp:	7579
Ion	Ratio	Lower Upper
113	100	
111	106.4	82.6 124.0
192	18.4	17.6 26.4

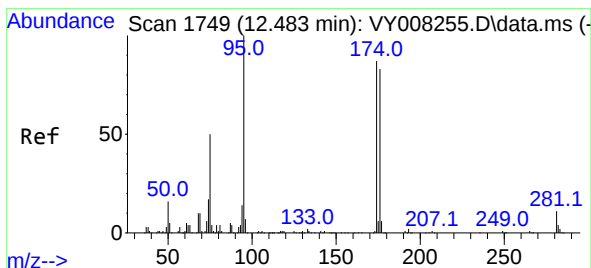
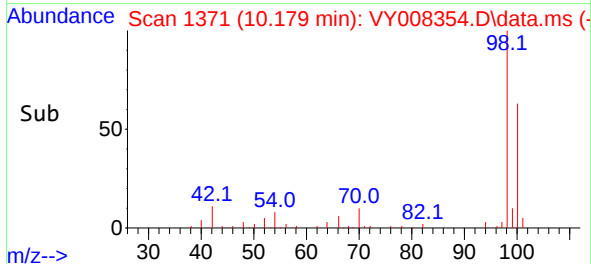
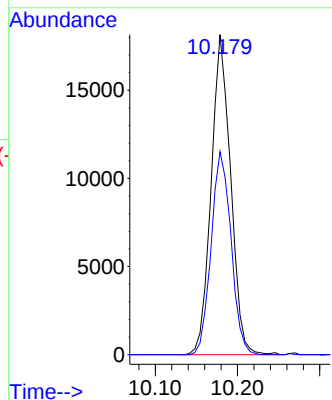
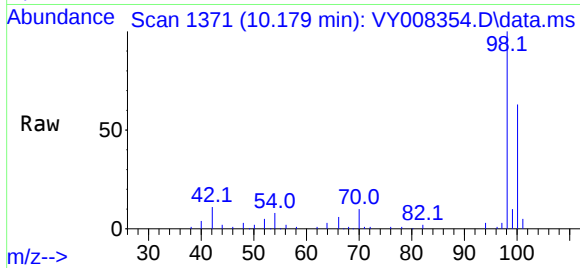




#50
Toluene-d8
Concen: 57.485 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

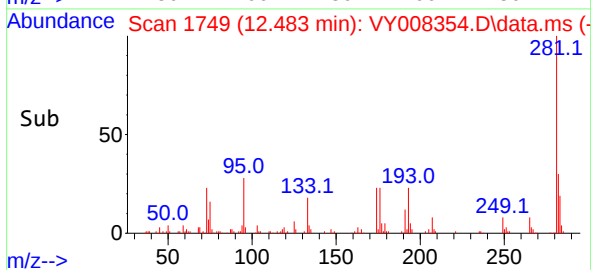
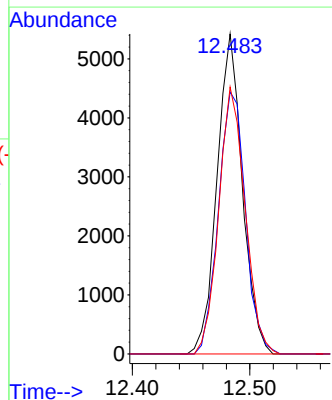
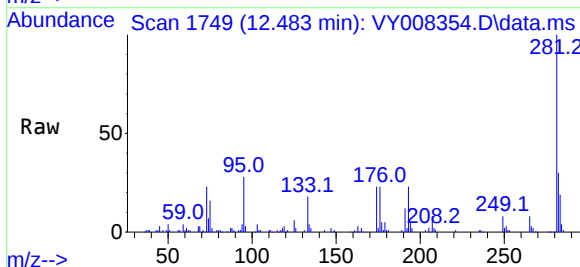
Instrument :
MSVOA_Y
ClientSampleId :
SB-5115

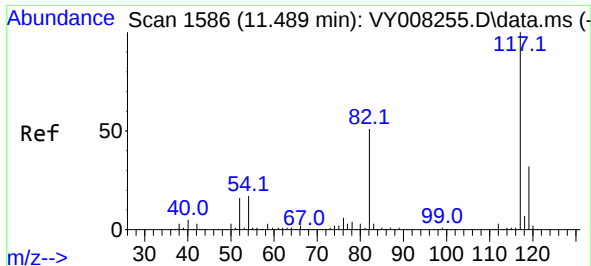
Tgt Ion: 98 Resp: 29857
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.750 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 95 Resp: 8156
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 86.3 0.0 175.8

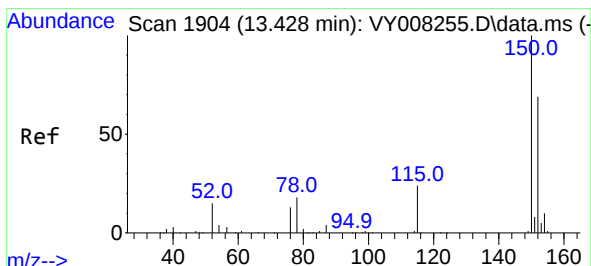
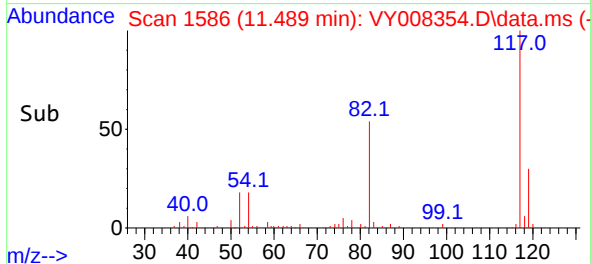
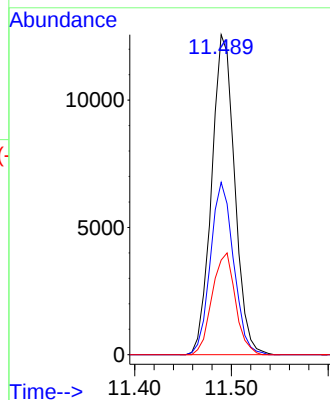
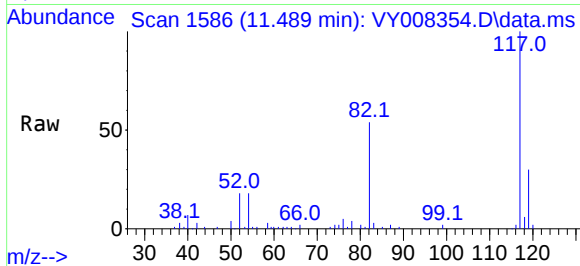




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008354.D
Acq: 15 Apr 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-5115

Tgt Ion:117	Resp:	20813
Ion	Ratio	Lower Upper
117	100	
82	53.9	43.0 64.4
119	29.5	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: VY008354.D
Acq: 15 Apr 2022 16:26

Tgt Ion:152	Resp:	7971
Ion	Ratio	Lower Upper
152	100	
115	56.0	28.2 84.7
150	160.8	0.0 347.6

