

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008379.D
 Acq On : 18 Apr 2022 17:29
 Operator : KP/MD
 Sample : N2427-05
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Quant Time: Apr 19 06:31:56 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	7.789	168	45500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	82704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36390	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28644	67.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.040%
35) Dibromofluoromethane	7.716	113	27534	57.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.780%
50) Toluene-d8	10.179	98	99245	60.452	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.900%
62) 4-Bromofluorobenzene	12.483	95	34164	55.327	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.660%

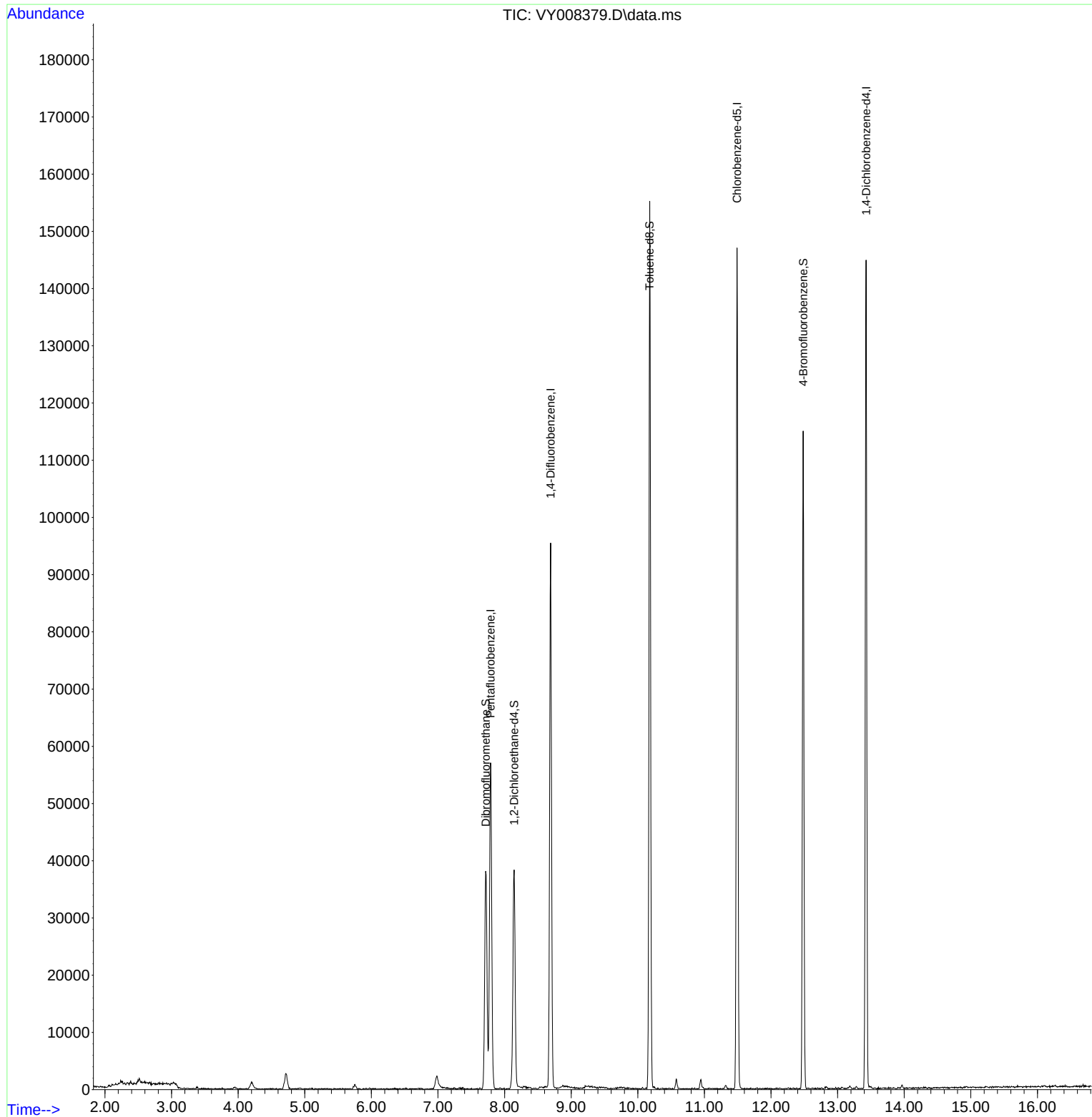
Target Compounds	Qvalue

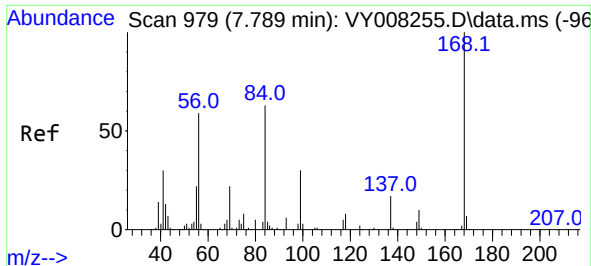
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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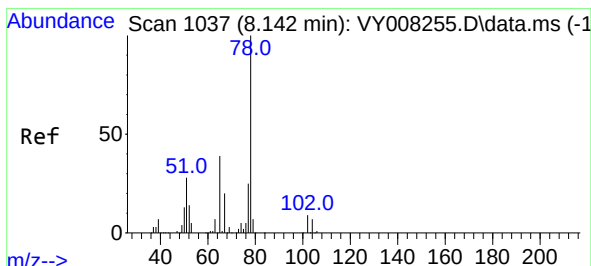
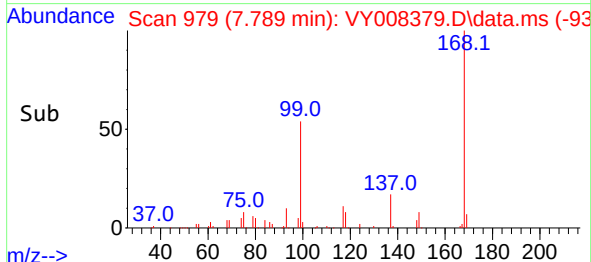
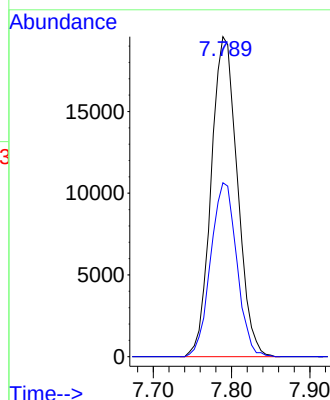
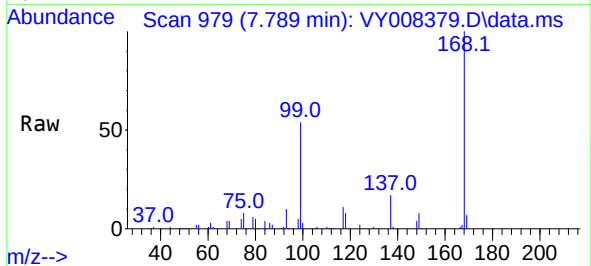




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

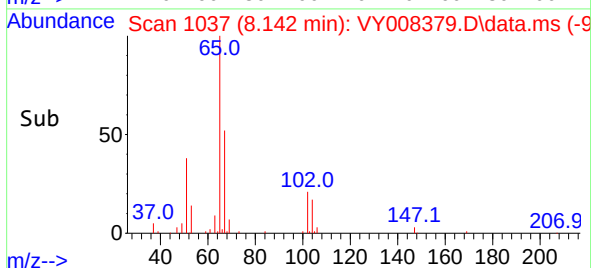
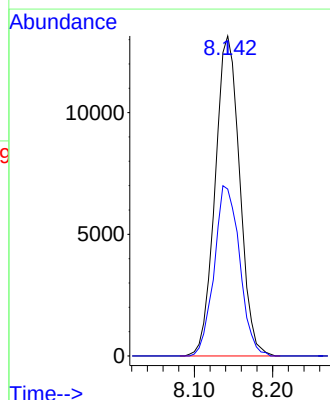
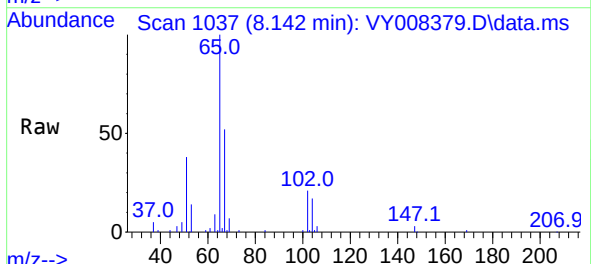
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

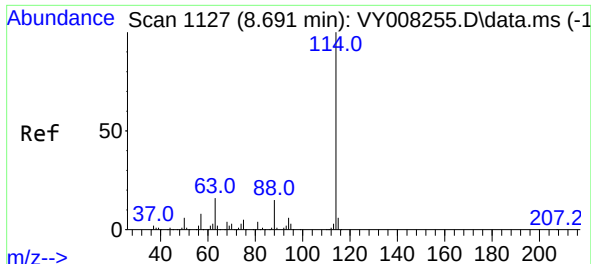
Tgt Ion:168 Resp: 45500
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.020 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

Tgt Ion: 65 Resp: 28644
Ion Ratio Lower Upper
65 100
67 55.0 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: VY008379.D

Acq: 18 Apr 2022 17:29

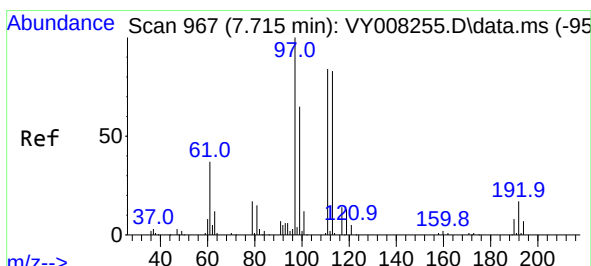
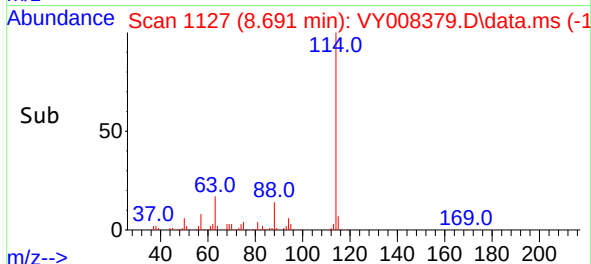
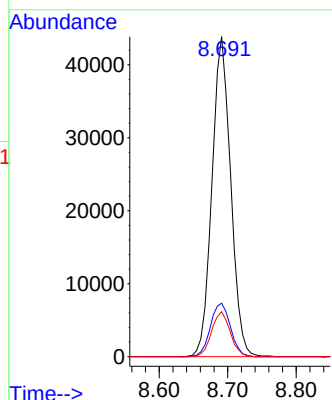
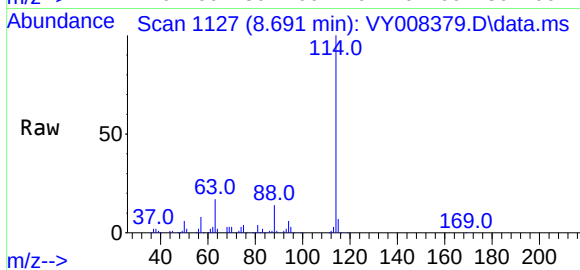
Instrument :

MSVOA_Y

ClientSampleId :

SB-5

Tgt Ion:	114	Resp:	83067
Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	43.2
88	14.1	0.0	31.8



#35

Dibromofluoromethane

Concen: 57.389 ug/l

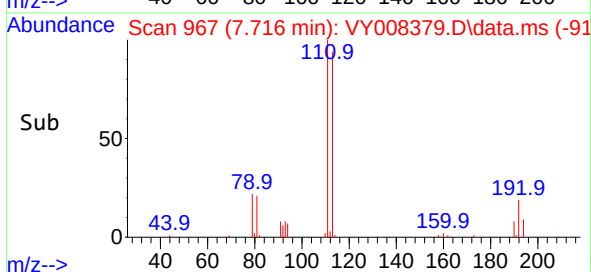
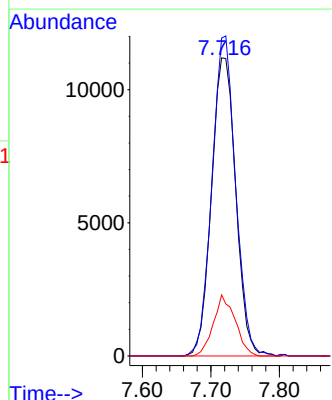
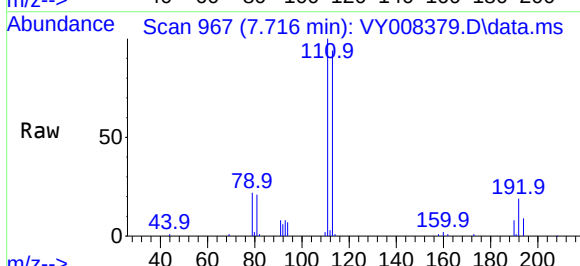
RT: 7.716 min Scan# 967

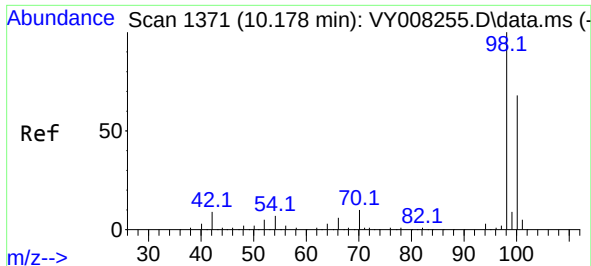
Delta R.T. 0.001 min

Lab File: VY008379.D

Acq: 18 Apr 2022 17:29

Tgt Ion:	113	Resp:	27534
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	124.0
192	18.4	17.6	26.4

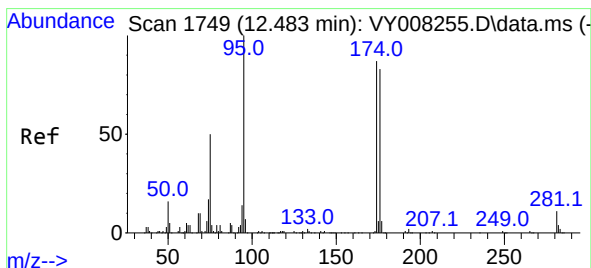
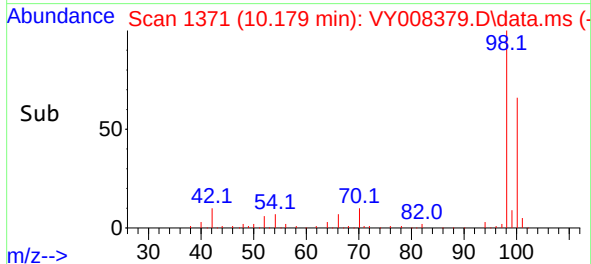
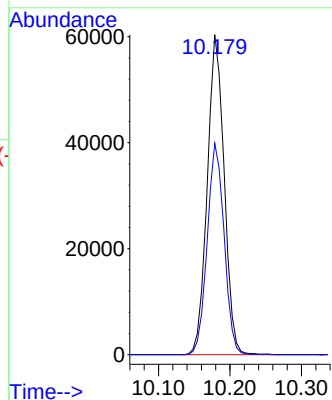
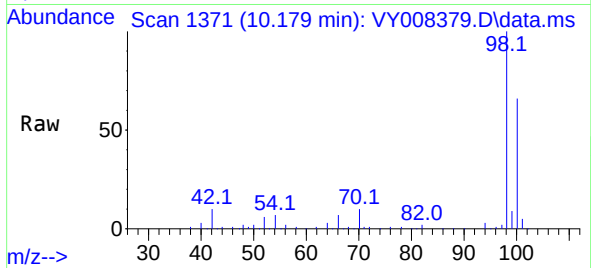




#50
Toluene-d8
Concen: 60.452 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

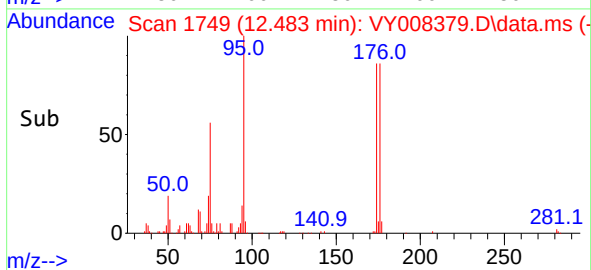
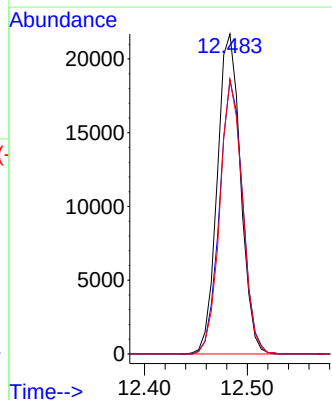
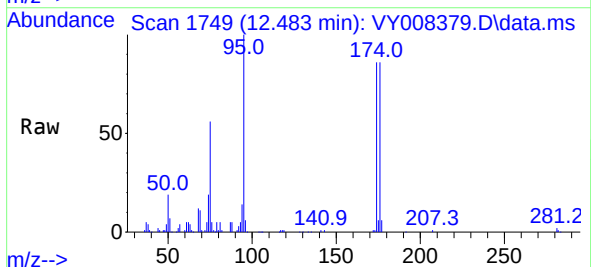
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

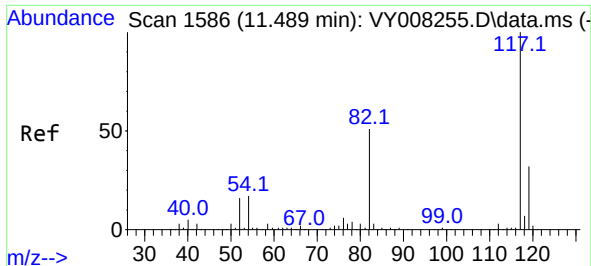
Tgt Ion: 98 Resp: 99245
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.327 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

Tgt Ion: 95 Resp: 34164
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 82.8 0.0 175.8

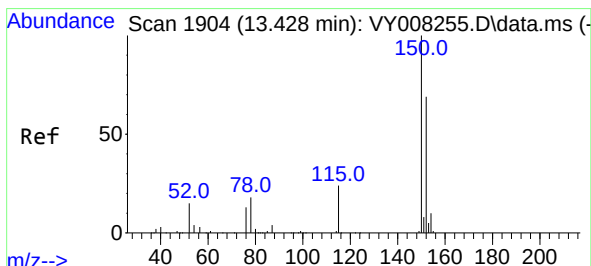
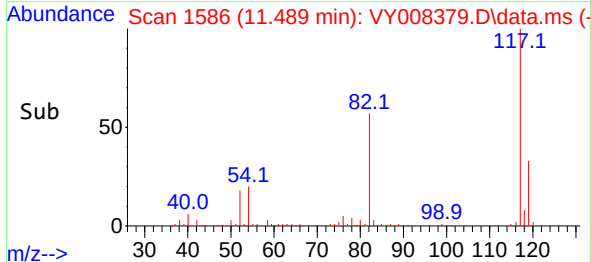
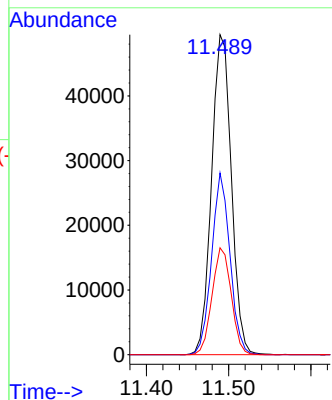
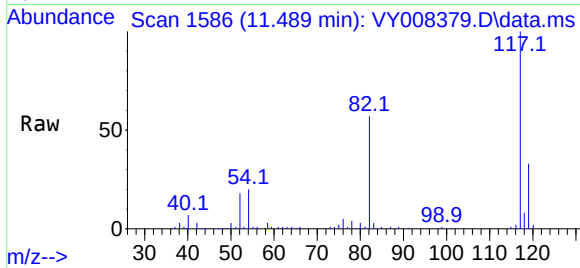




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008379.D
Acq: 18 Apr 2022 17:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Tgt Ion:	117	Resp:	82704
Ion Ratio	Lower	Upper	
117	100		
82	56.8	43.0	64.4
119	33.4	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: VY008379.D
Acq: 18 Apr 2022 17:29

Tgt Ion:	152	Resp:	36390
Ion Ratio	Lower	Upper	
152	100		
115	58.8	28.2	84.7
150	160.5	0.0	347.6

