

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007902.D
 Acq On : 18 Mar 2022 15:10
 Operator : SY/MD
 Sample : N1945-08
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4PH-1-7.5-8

Quant Time: Mar 19 01:36:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	281237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	511153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	467961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199189	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	171878	53.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.200%
35) Dibromofluoromethane	7.716	113	162757	45.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.680%
50) Toluene-d8	10.179	98	613701	57.502	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.000%
62) 4-Bromofluorobenzene	12.483	95	214403	41.615	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.240%

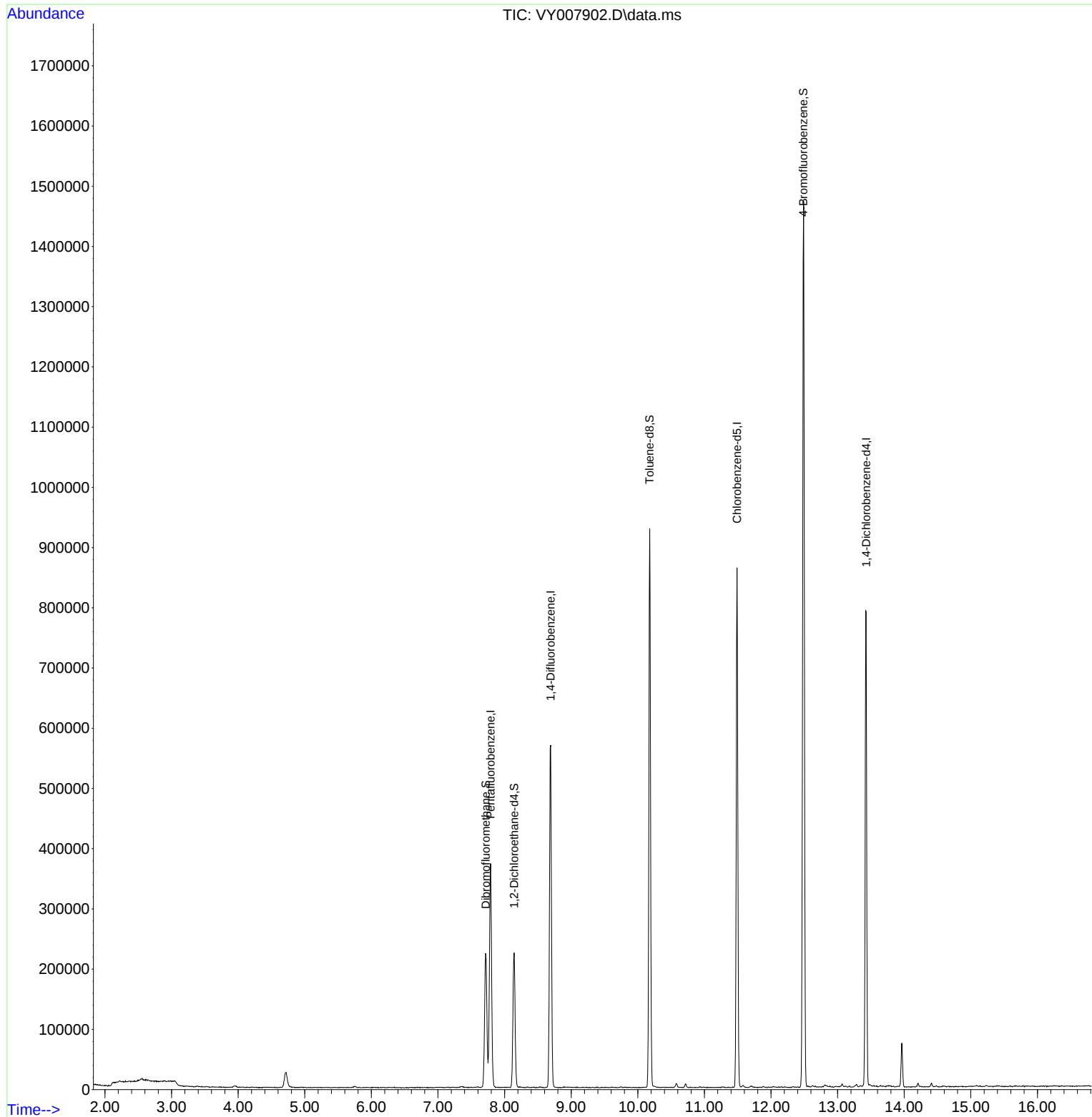
Target Compounds	Qvalue

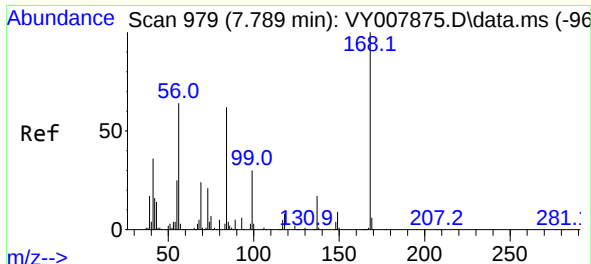
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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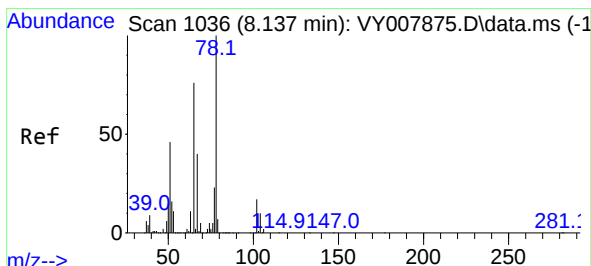
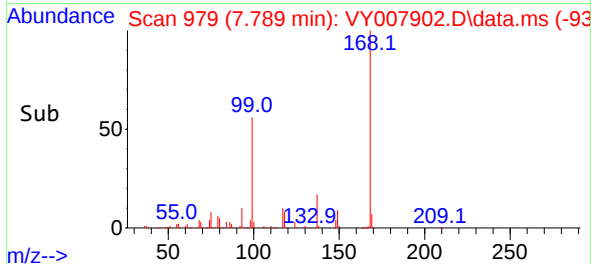
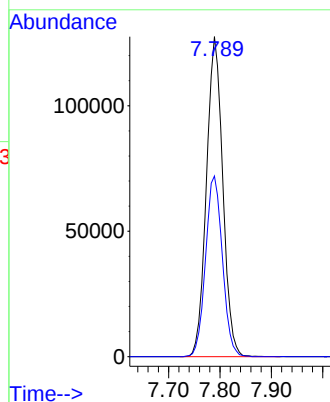
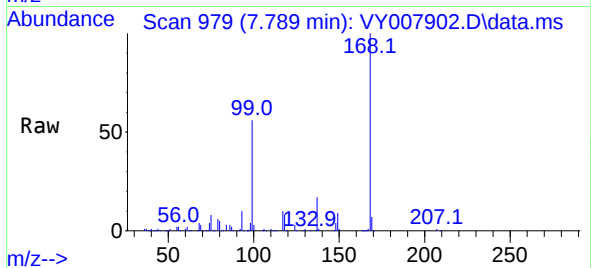




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

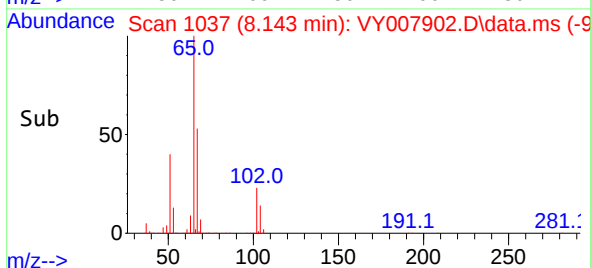
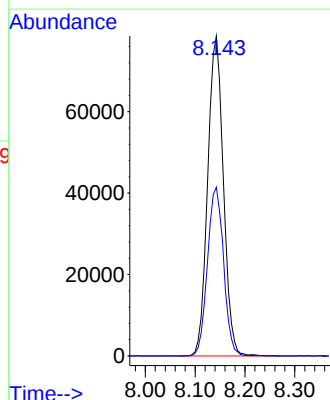
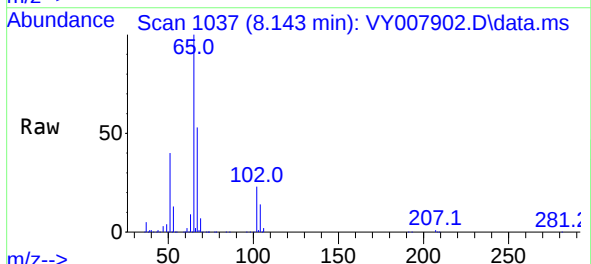
Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

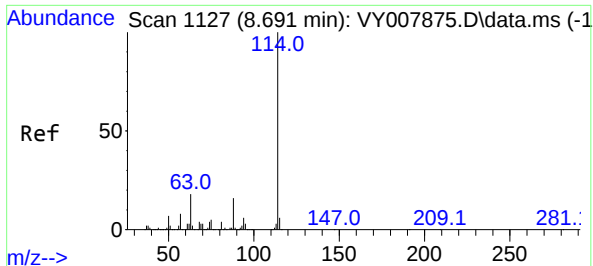
Tgt Ion:168 Resp: 281237
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.601 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

Tgt Ion: 65 Resp: 171878
Ion Ratio Lower Upper
65 100
67 54.0 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: VY007902.D

Acq: 18 Mar 2022 15:10

Instrument :

MSVOA_Y

ClientSampleId :

4PH-1-7.5-8

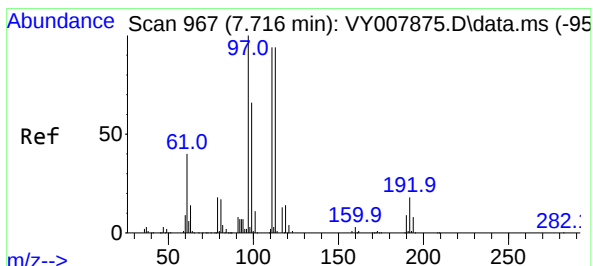
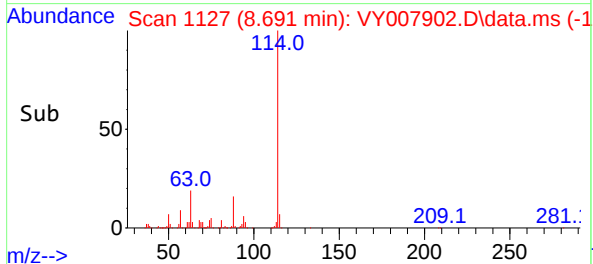
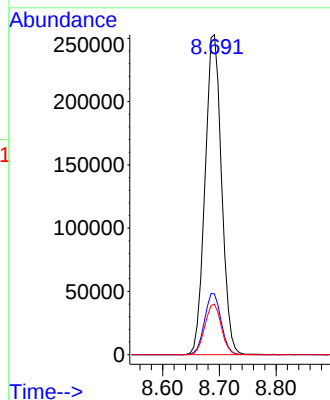
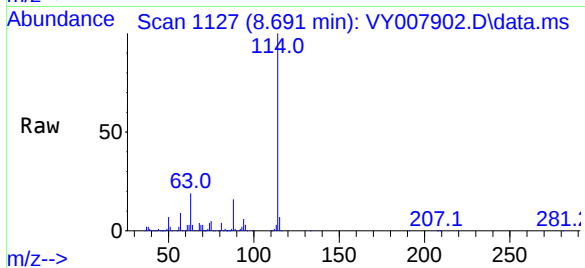
Tgt Ion:114 Resp: 511153

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.339 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007902.D

Acq: 18 Mar 2022 15:10

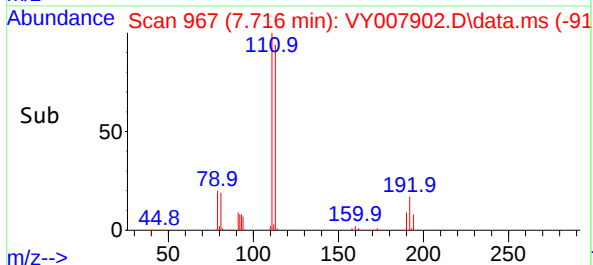
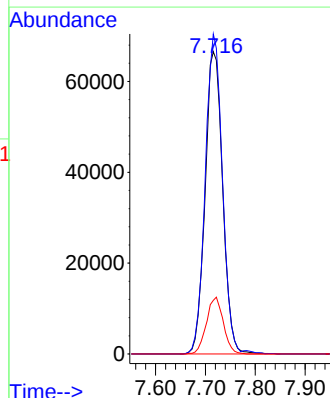
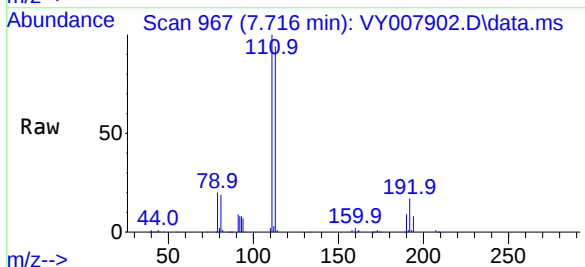
Tgt Ion:113 Resp: 162757

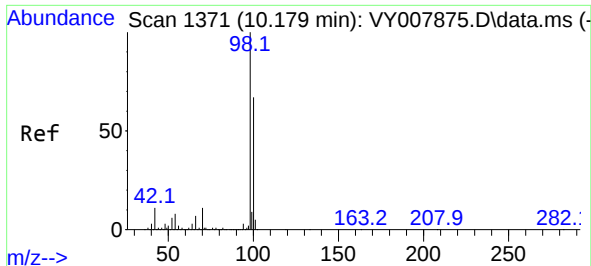
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 18.1 17.6 26.4

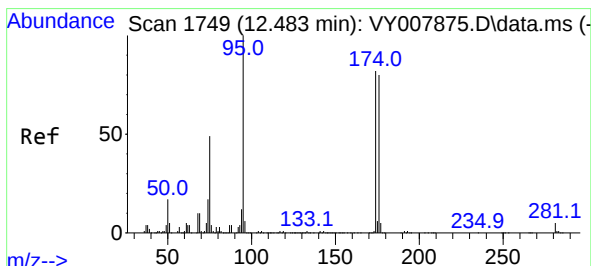
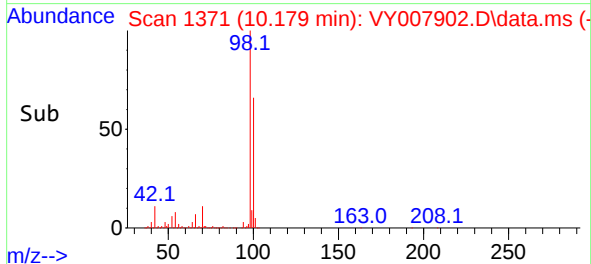
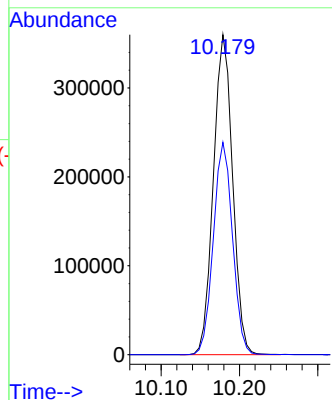
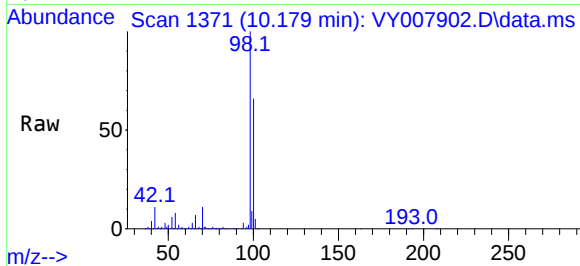




#50
Toluene-d8
Concen: 57.502 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

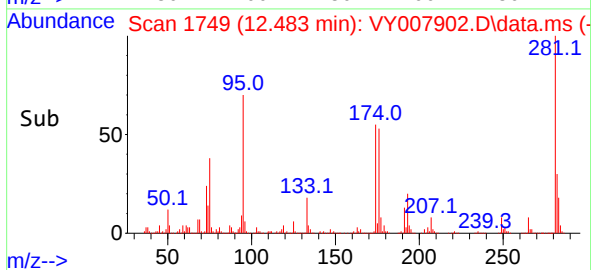
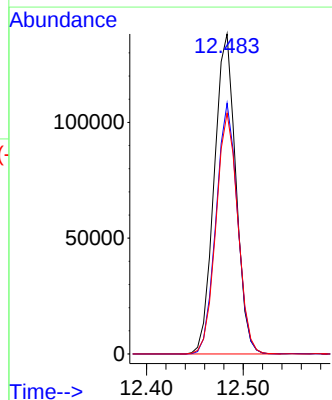
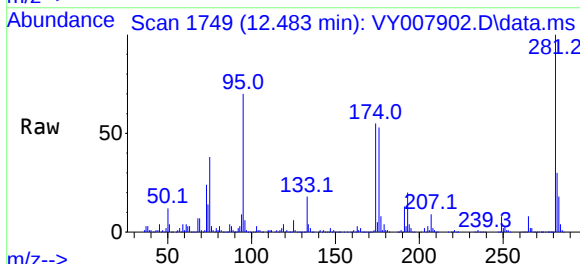
Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

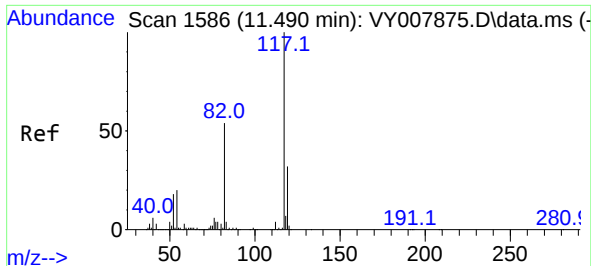
Tgt Ion: 98 Resp: 613701
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.615 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

Tgt Ion: 95 Resp: 214403
Ion Ratio Lower Upper
95 100
174 77.3 0.0 177.0
176 75.6 0.0 175.8

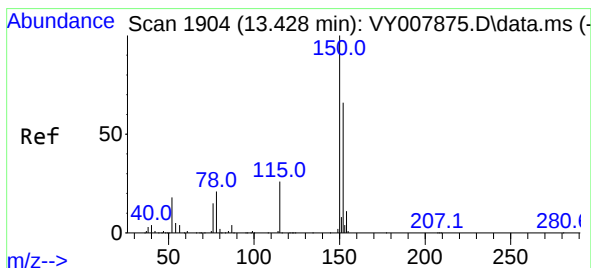
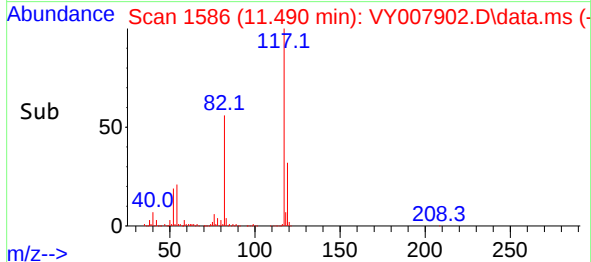
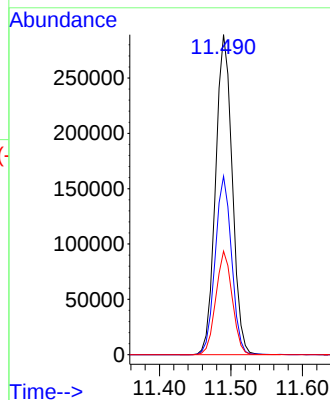
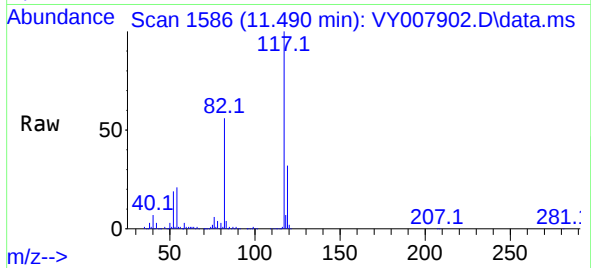




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007902.D
Acq: 18 Mar 2022 15:10

Instrument :
MSVOA_Y
ClientSampleId :
4PH-1-7.5-8

Tgt Ion:117 Resp: 467961
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 32.3 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: VY007902.D
Acq: 18 Mar 2022 15:10

Tgt Ion:152 Resp: 199189
Ion Ratio Lower Upper
152 100
115 61.4 28.2 84.7
150 159.7 0.0 347.6

