

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008216.D
 Acq On : 05 Apr 2022 17:47
 Operator : SY/MD
 Sample : N2257-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Apr 06 03:58:57 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	111162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86272	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	63617	57.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.080%
35) Dibromofluoromethane	7.716	113	63417	49.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.179	98	249438	52.036	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.483	95	80643	47.684	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.360%

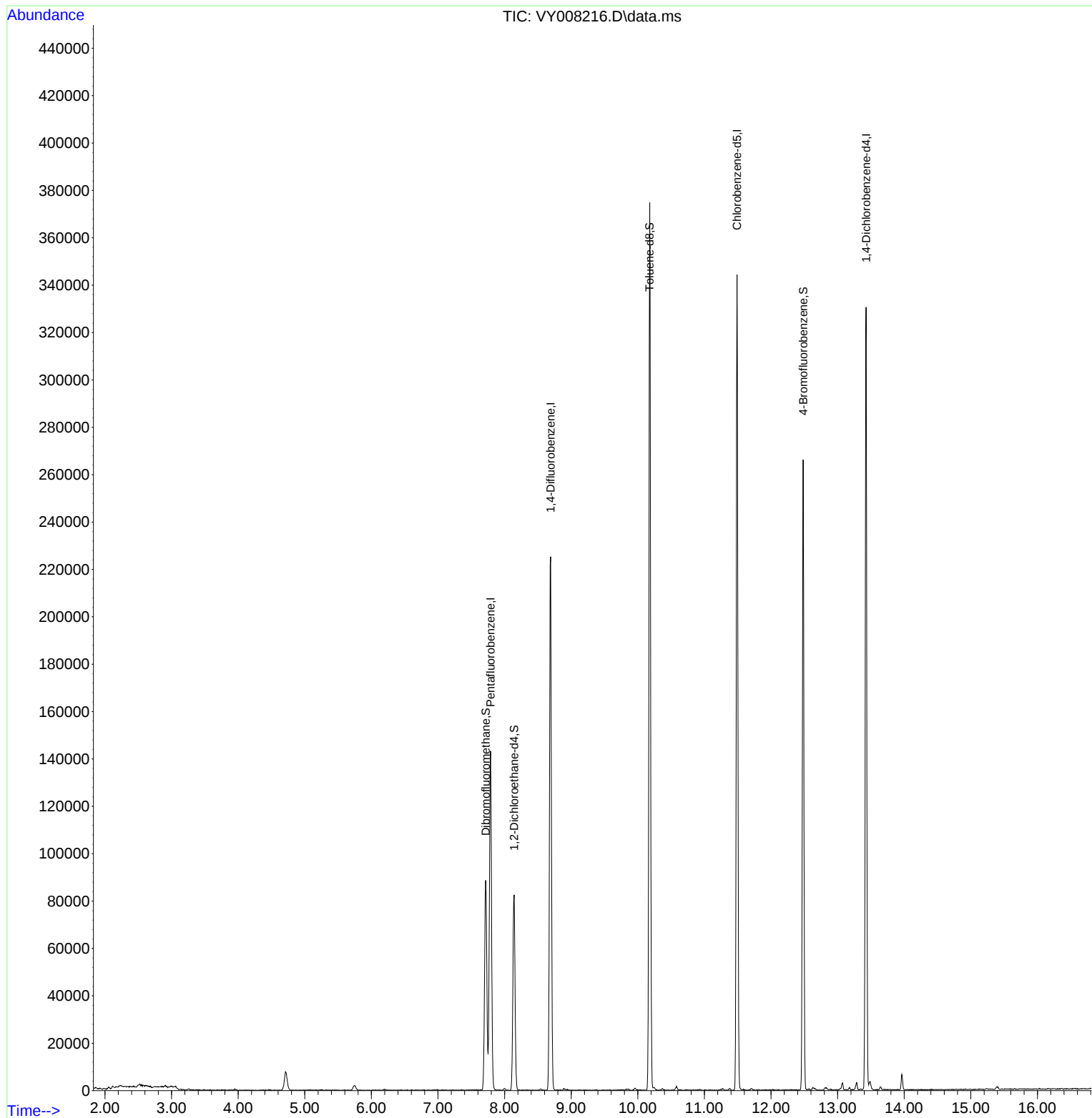
Target Compounds	Qvalue

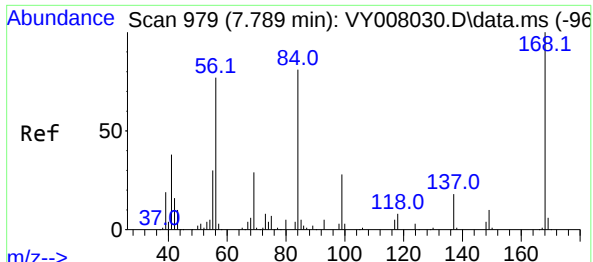
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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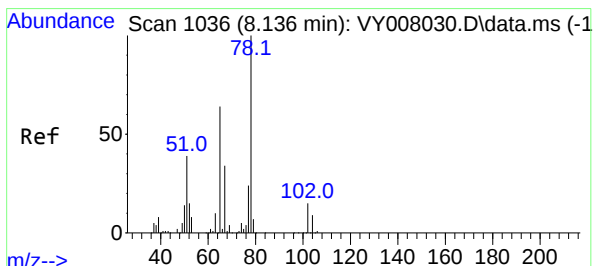
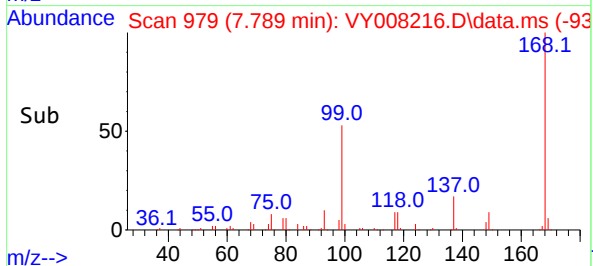
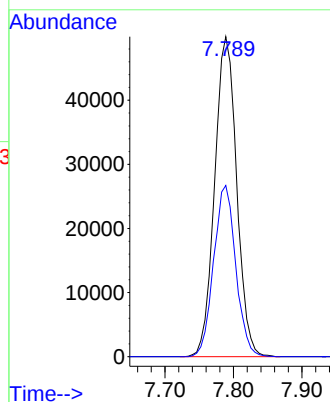
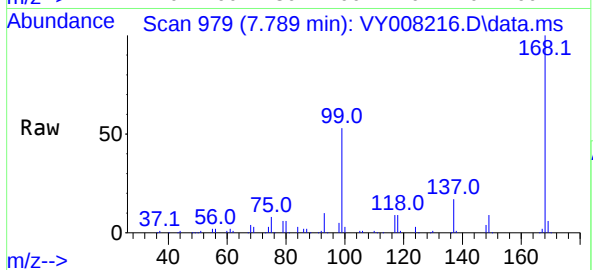




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

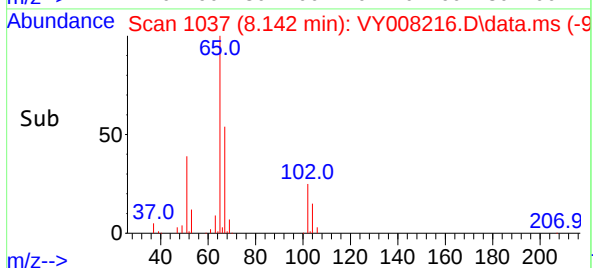
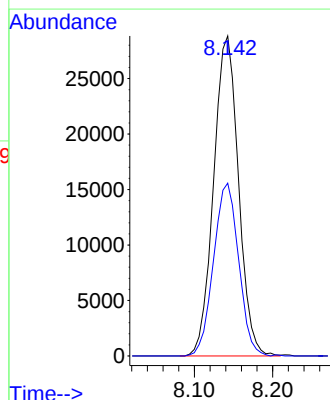
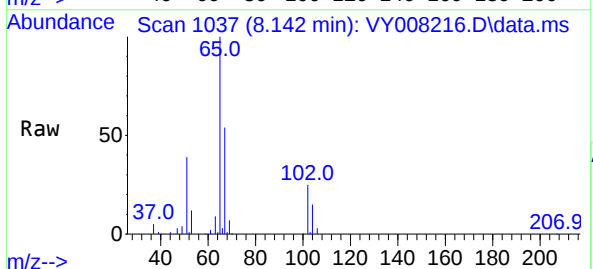
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

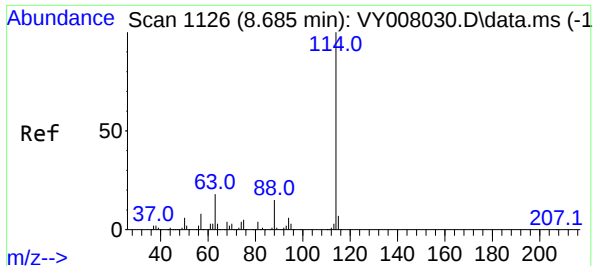
Tgt Ion:168 Resp: 111162
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.041 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

Tgt Ion: 65 Resp: 63617
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008216.D

Acq: 05 Apr 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

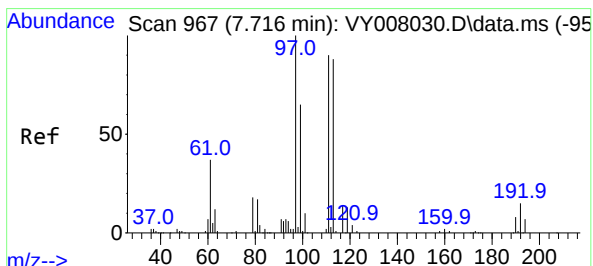
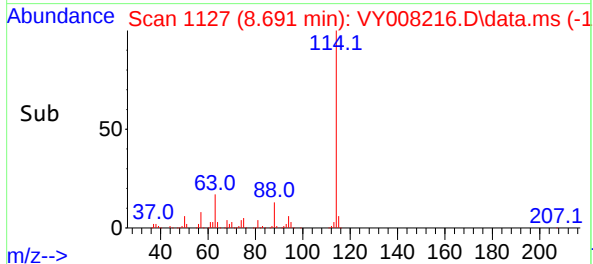
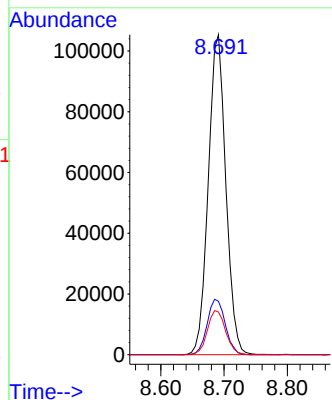
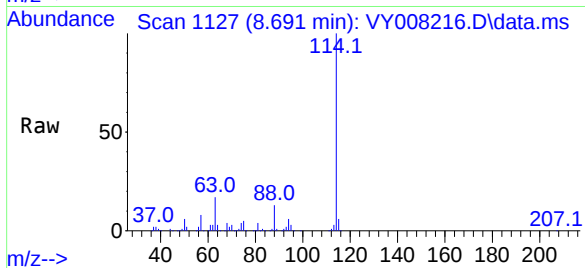
Tgt Ion:114 Resp: 202935

Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.843 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008216.D

Acq: 05 Apr 2022 17:47

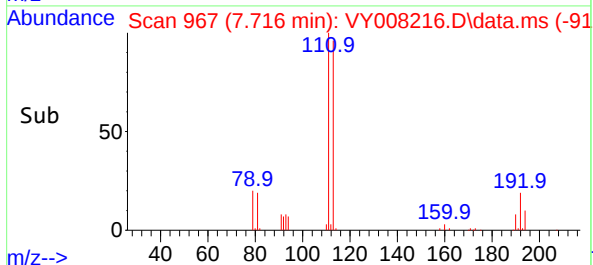
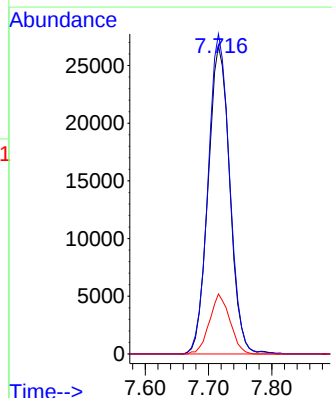
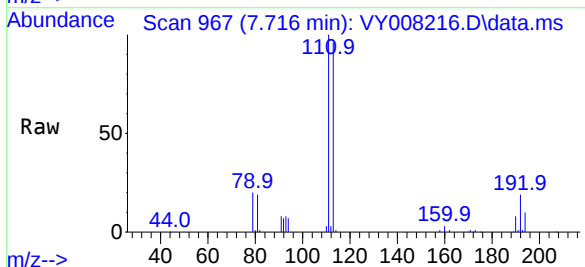
Tgt Ion:113 Resp: 63417

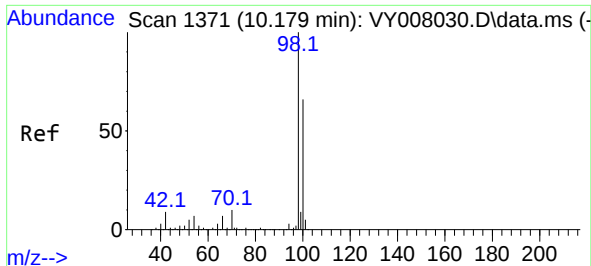
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 18.4 17.6 26.4

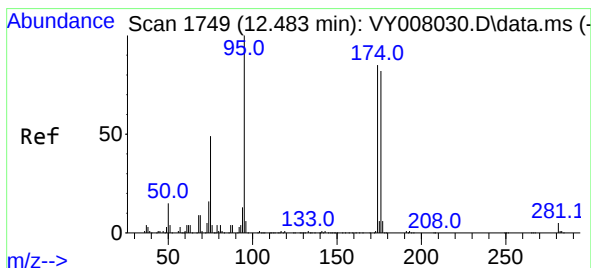
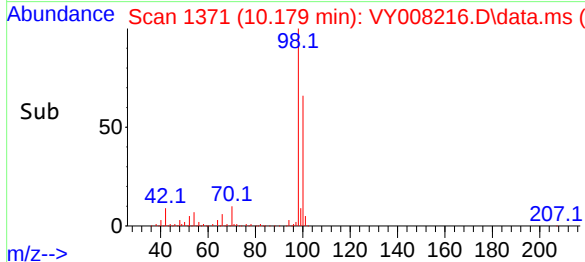
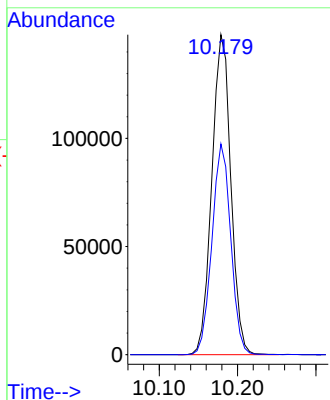
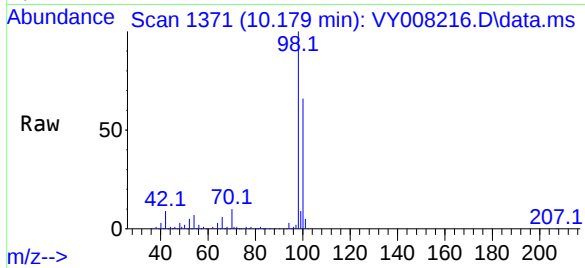




#50
Toluene-d8
Concen: 52.036 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

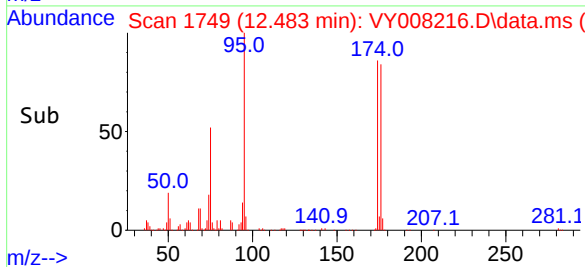
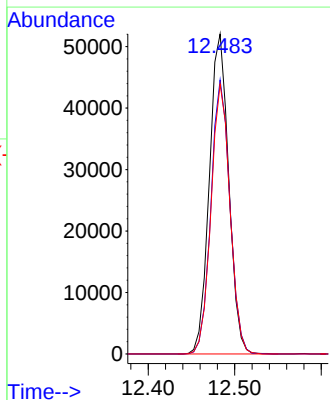
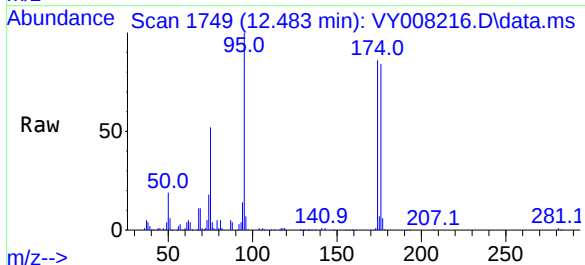
Instrument :
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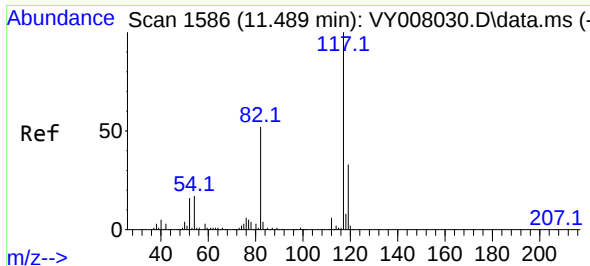
Tgt Ion: 98 Resp: 249438
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.684 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

Tgt Ion: 95 Resp: 80643
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 82.7 0.0 175.8

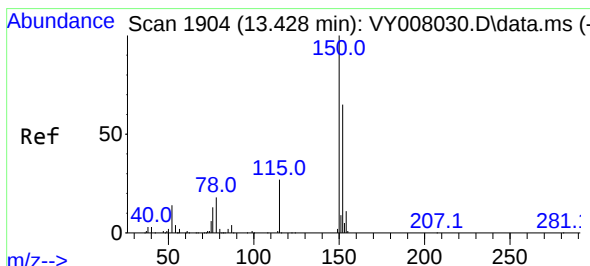
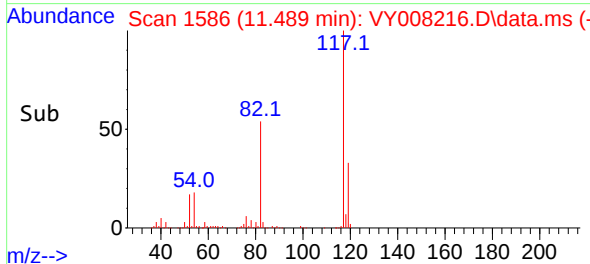
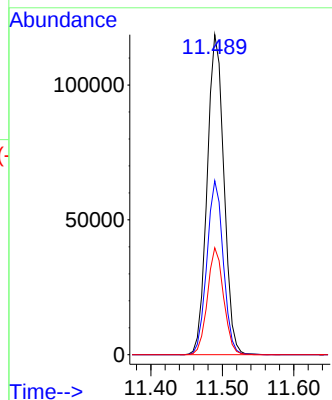
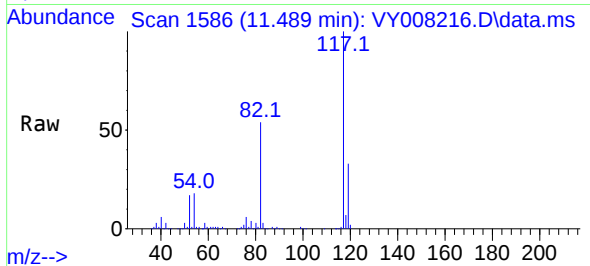




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008216.D
Acq: 05 Apr 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 193020
Ion Ratio Lower Upper
117 100
82 54.3 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: VY008216.D
Acq: 05 Apr 2022 17:47

Tgt Ion:152 Resp: 86272
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 154.6 0.0 347.6

