

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009584.D
 Acq On : 19 Jul 2022 13:08
 Operator : KP/MD
 Sample : N3731-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jul 19 15:11:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	180163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	303552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	286124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82749	48.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.120%
35) Dibromofluoromethane	7.710	113	80384	42.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.060%
50) Toluene-d8	10.173	98	303981	41.348	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.700%
62) 4-Bromofluorobenzene	12.477	95	94550	39.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.380%

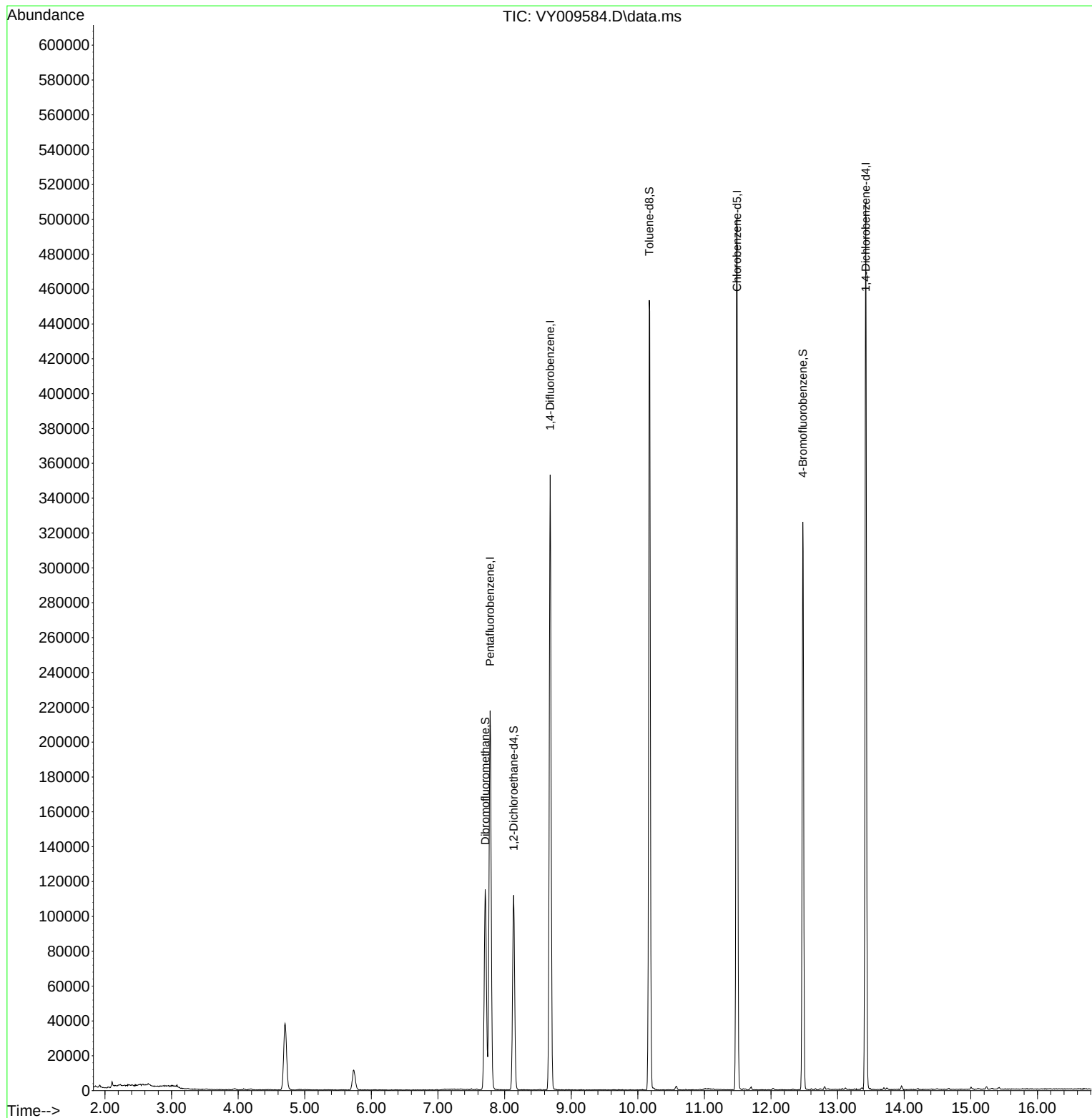
Target Compounds	Qvalue

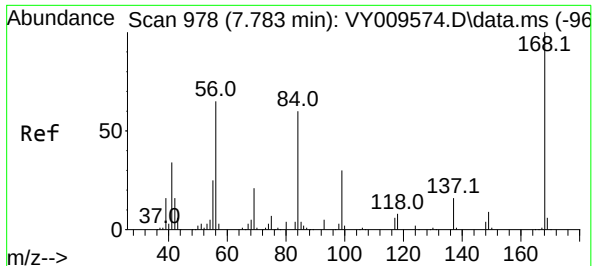
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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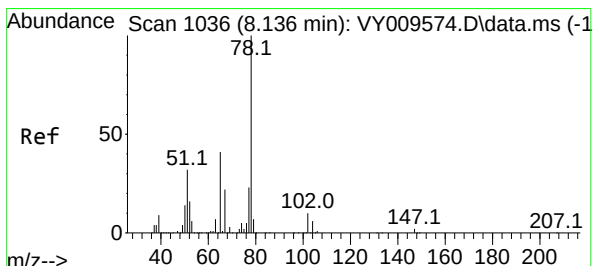
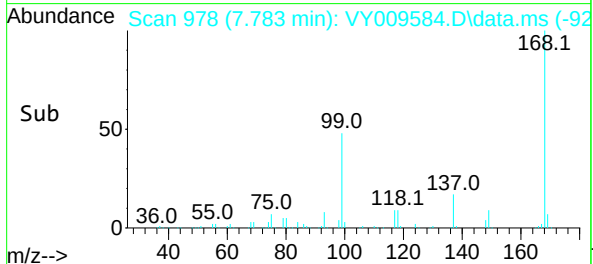
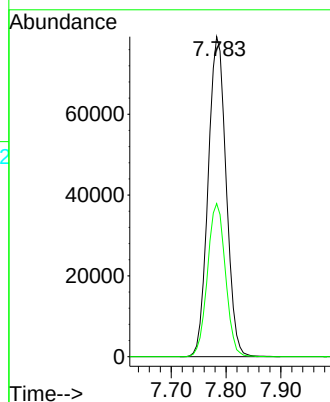
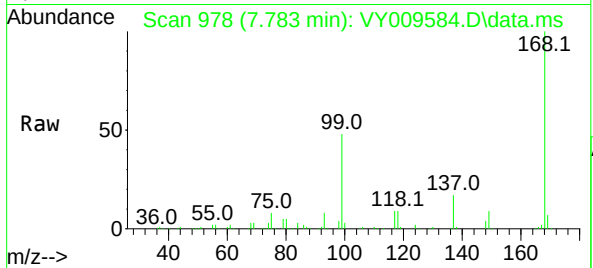




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

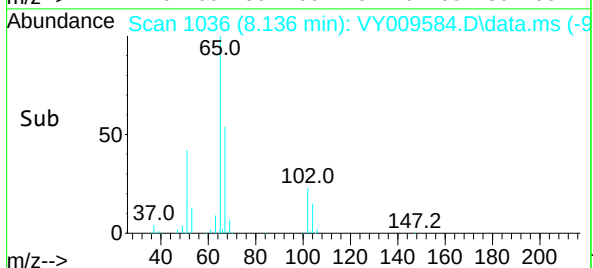
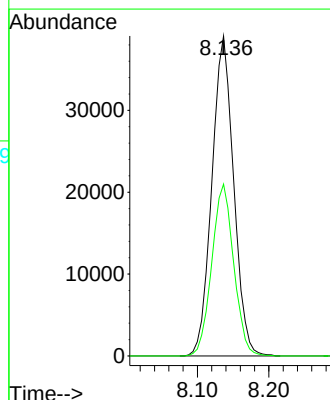
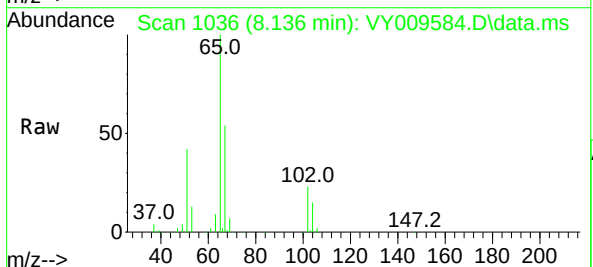
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

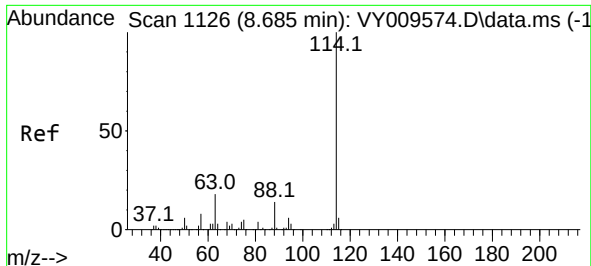
Tgt Ion:168 Resp: 180163
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.564 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

Tgt Ion: 65 Resp: 82749
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009584.D

Acq: 19 Jul 2022 13:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

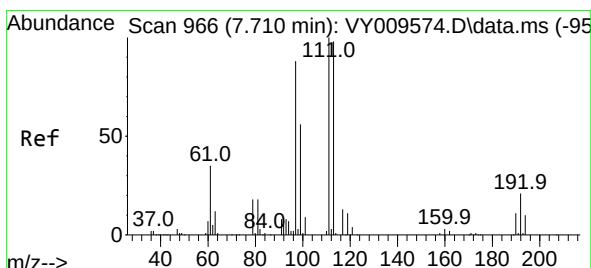
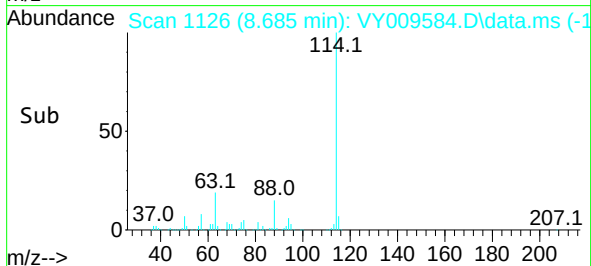
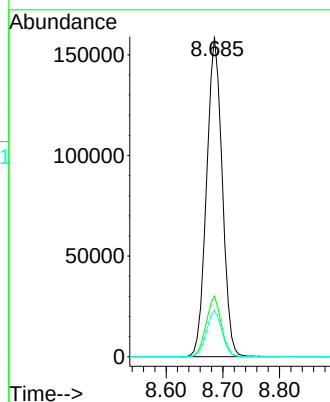
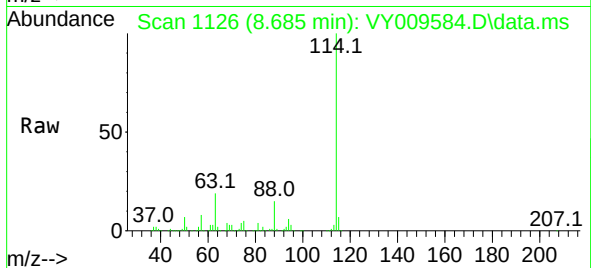
Tgt Ion:114 Resp: 303552

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.034 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009584.D

Acq: 19 Jul 2022 13:08

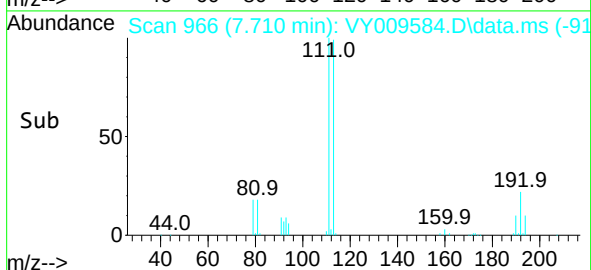
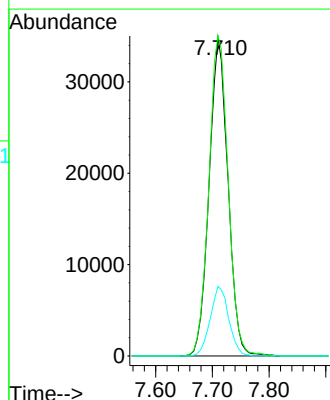
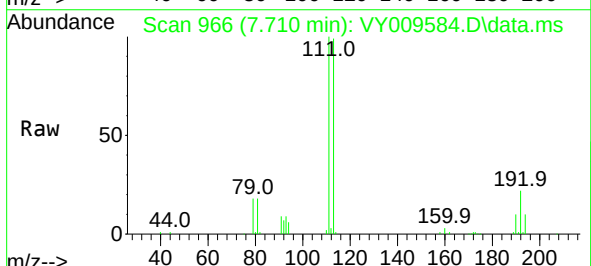
Tgt Ion:113 Resp: 80384

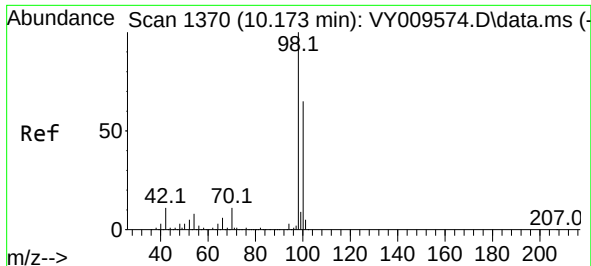
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 21.5 17.6 26.4

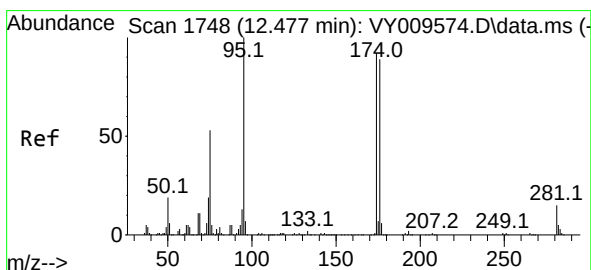
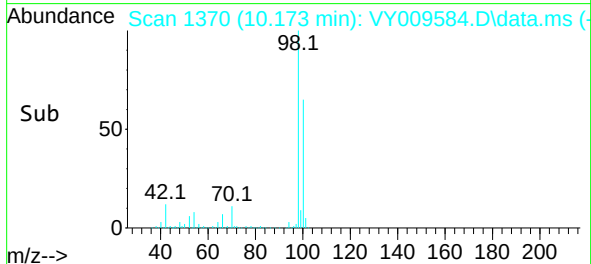
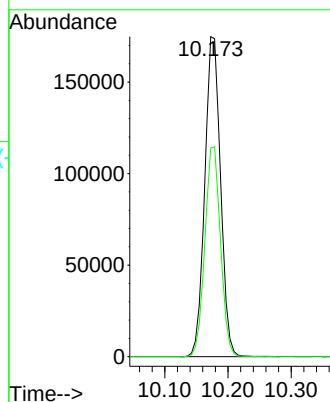
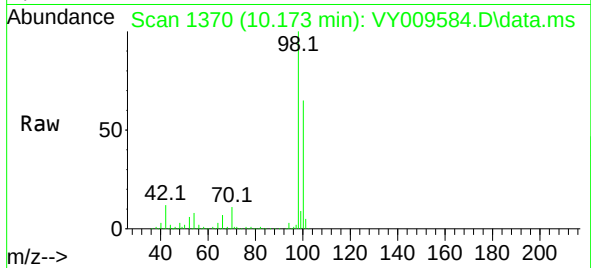




#50
Toluene-d8
Concen: 41.348 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

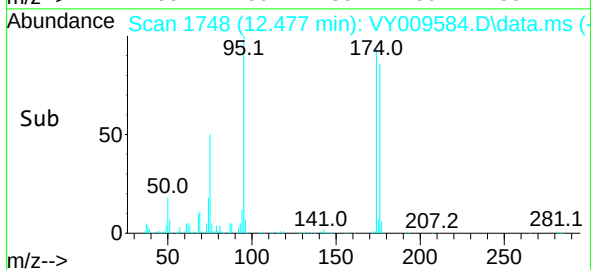
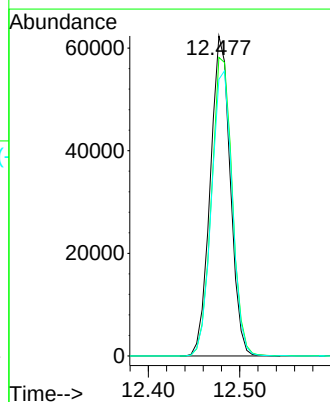
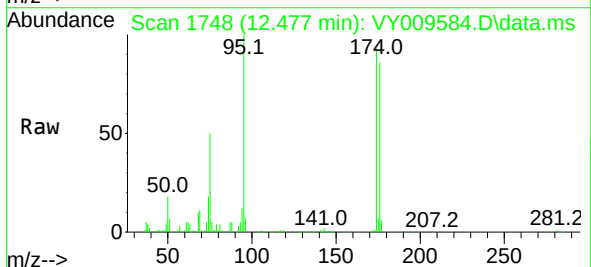
Instrument :
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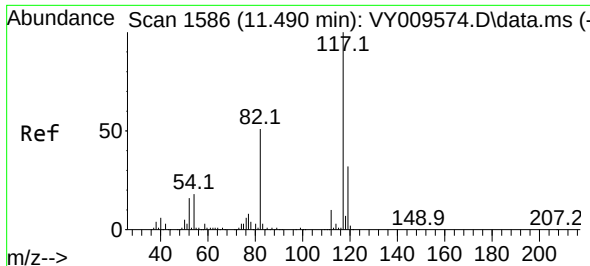
Tgt Ion: 98 Resp: 303981
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.691 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

Tgt Ion: 95 Resp: 94550
Ion Ratio Lower Upper
95 100
174 96.5 0.0 177.0
176 92.4 0.0 175.8

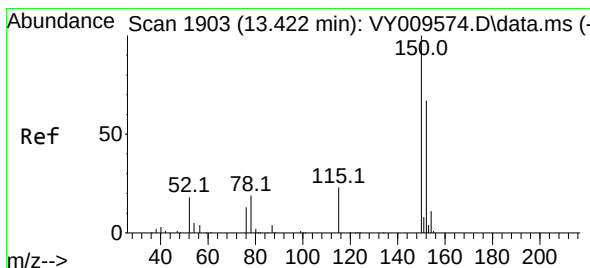
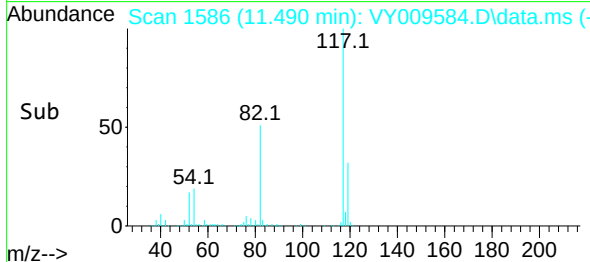
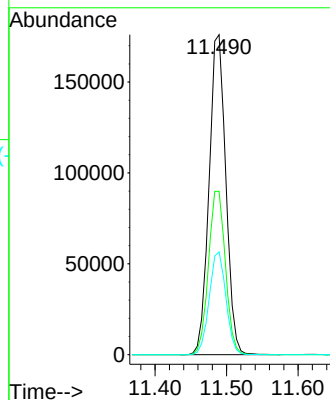
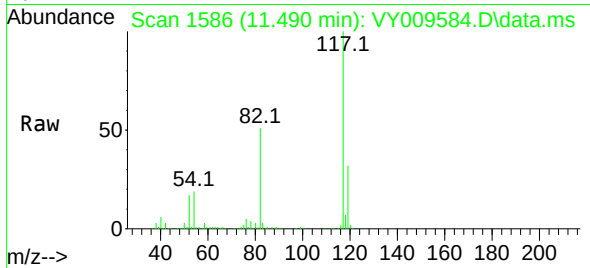




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 286124
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009584.D
Acq: 19 Jul 2022 13:08

Tgt Ion:152 Resp: 133890
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 154.7 0.0 347.6

