

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
 Data File : VY009555.D
 Acq On : 13 Jul 2022 13:43
 Operator : KP/MD
 Sample : N3597-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220510-COMPOSITE-E

Quant Time: Jul 14 02:44:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	135050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	201140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79568	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40529	41.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.000%
35) Dibromofluoromethane	7.710	113	47871	45.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.460%
50) Toluene-d8	10.173	98	120694	39.964	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	79.920%
62) 4-Bromofluorobenzene	12.477	95	59632	39.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.840%

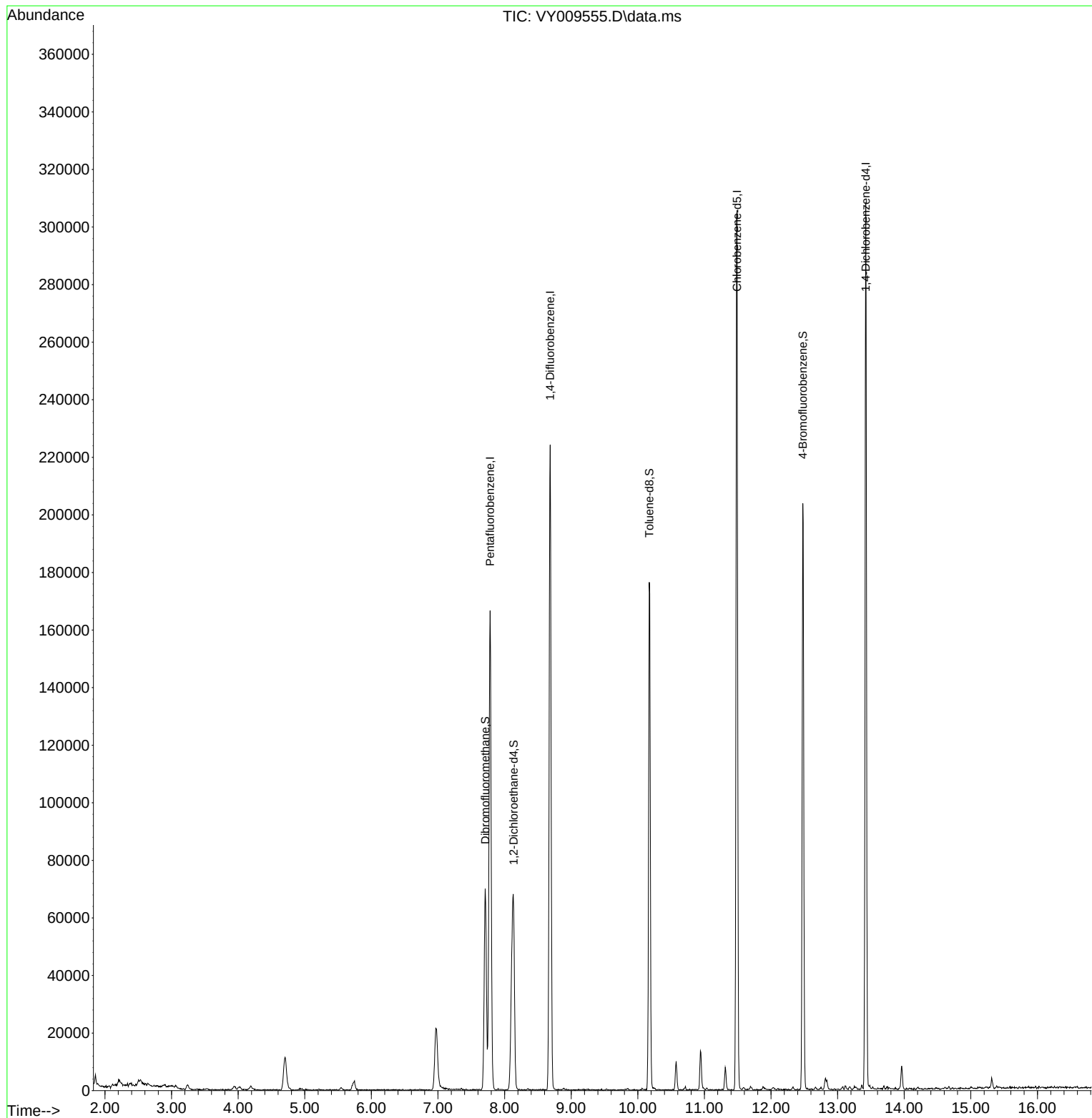
Target Compounds	Qvalue

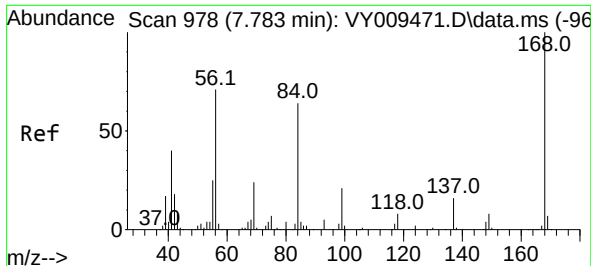
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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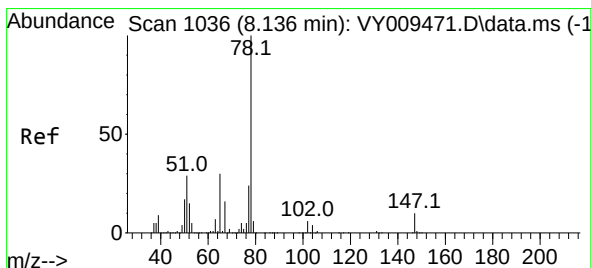
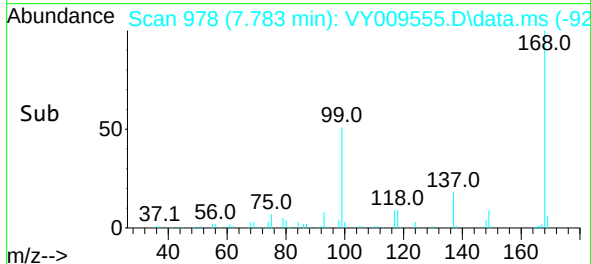
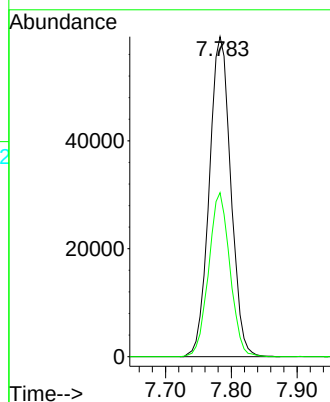
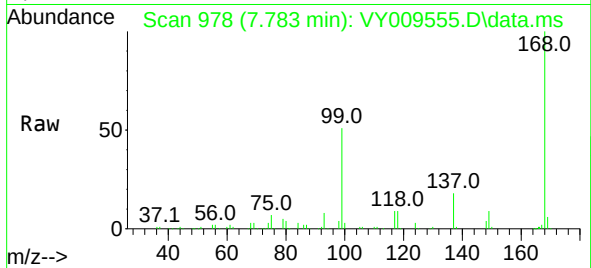




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009555.D
Acq: 13 Jul 2022 13:43

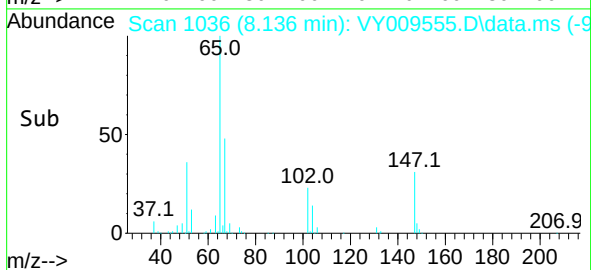
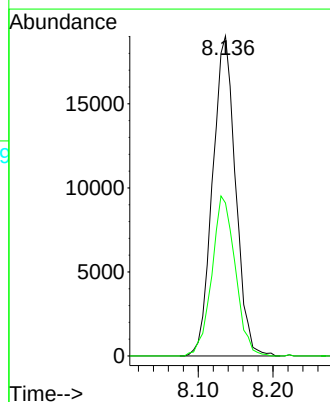
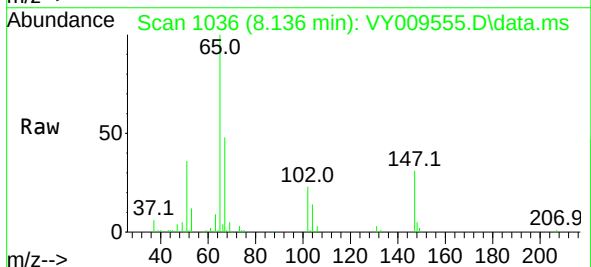
Instrument :
MSVOA_Y
ClientSampleId :
20220510-COMPOSITE-E

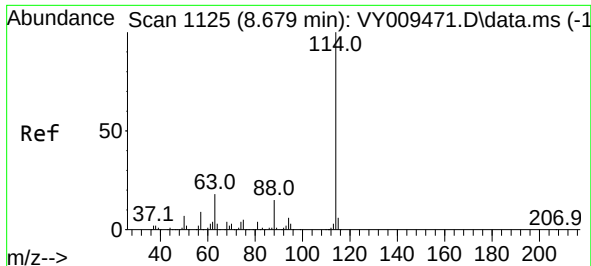
Tgt Ion:168 Resp: 135050
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 41.502 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009555.D
Acq: 13 Jul 2022 13:43

Tgt Ion: 65 Resp: 40529
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.4

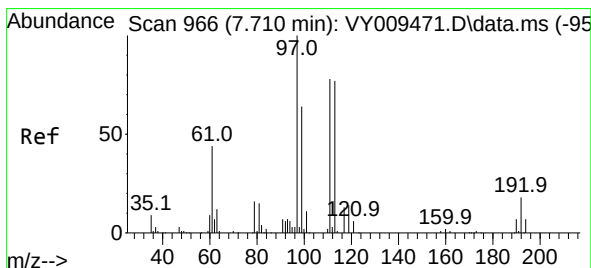
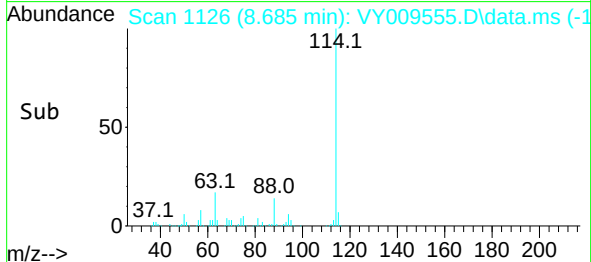
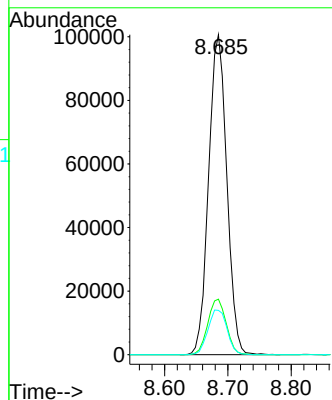
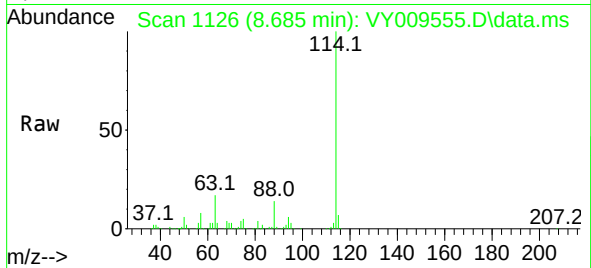




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY009555.D
Acq: 13 Jul 2022 13:43

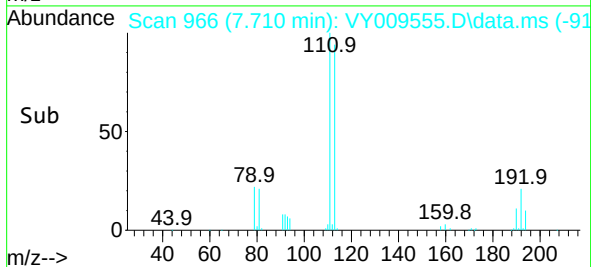
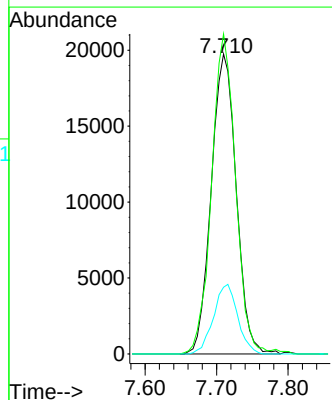
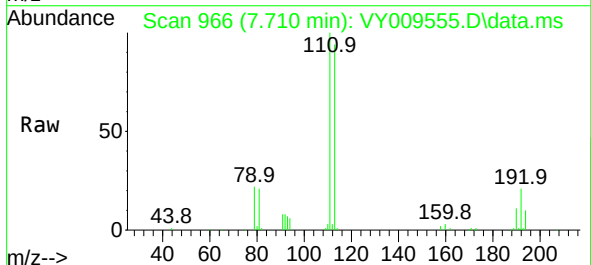
Instrument :
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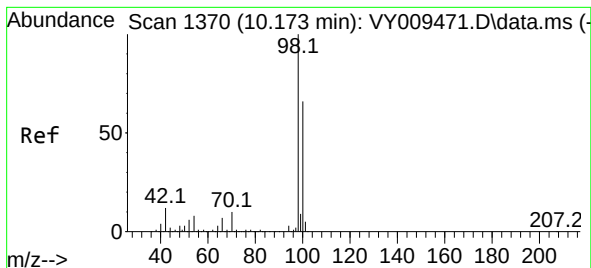
Tgt Ion:114 Resp: 201140
Ion Ratio Lower Upper
114 100
63 17.4 0.0 43.2
88 13.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.232 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009555.D
Acq: 13 Jul 2022 13:43

Tgt Ion:113 Resp: 47871
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 22.5 17.6 26.4





#50

Toluene-d8

Concen: 39.964 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009555.D

Acq: 13 Jul 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

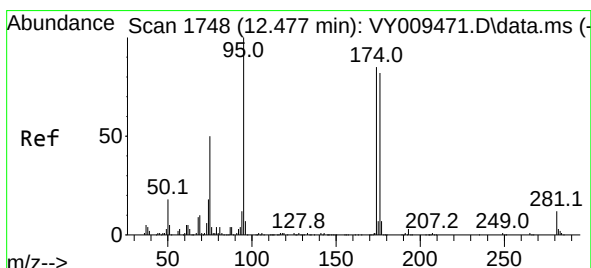
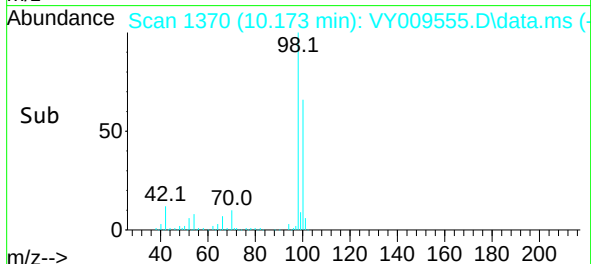
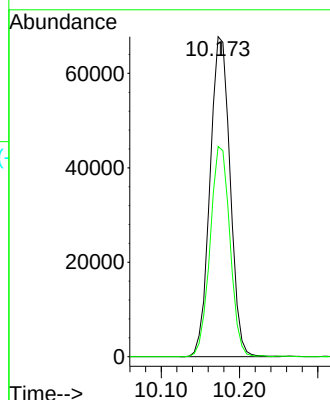
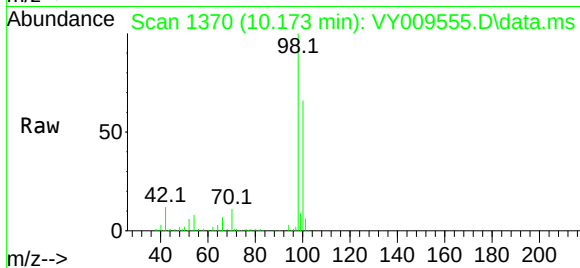
20220510-COMPOSITE-E

Tgt Ion: 98 Resp: 120694

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 39.916 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009555.D

Acq: 13 Jul 2022 13:43

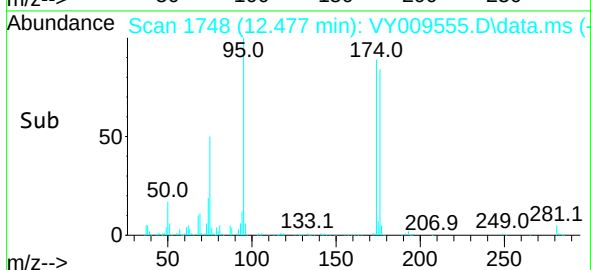
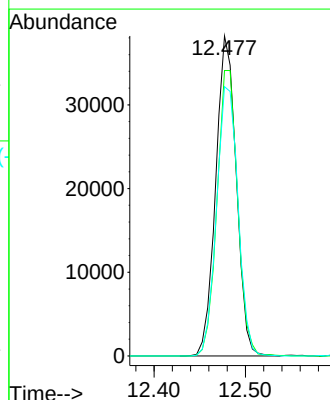
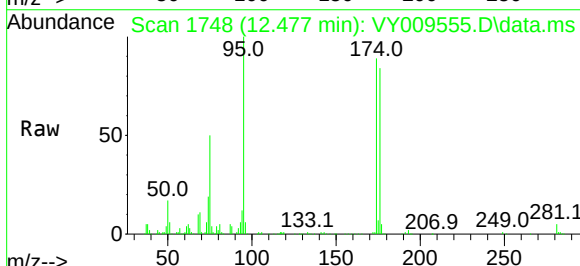
Tgt Ion: 95 Resp: 59632

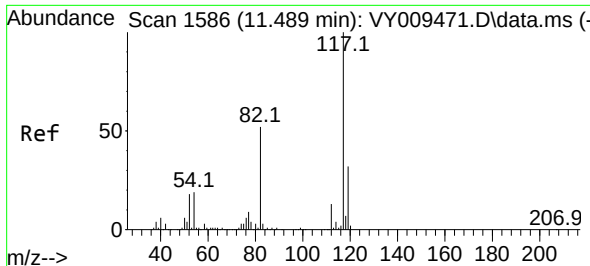
Ion Ratio Lower Upper

95 100

174 89.9 0.0 177.0

176 88.2 0.0 175.8

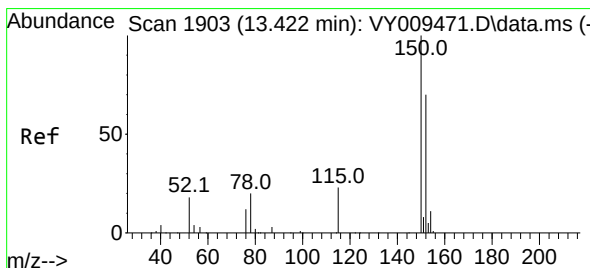
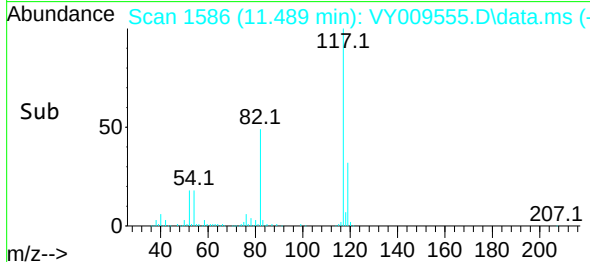
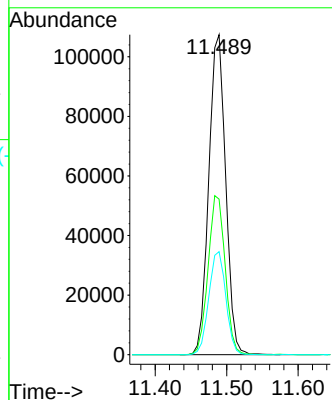
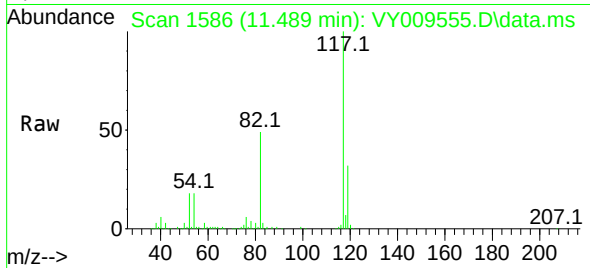




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009555.D
Acq: 13 Jul 2022 13:43

Instrument :
MSVOA_Y
ClientSampleId :
20220510-COMPOSITE-E

Tgt Ion:117 Resp: 175675
Ion Ratio Lower Upper
117 100
82 48.6 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: VY009555.D
Acq: 13 Jul 2022 13:43

Tgt Ion:152 Resp: 79568
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 156.2 0.0 347.6

