

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009762.D
 Acq On : 28 Jul 2022 19:34
 Operator : KP/MD
 Sample : N3881-01
 Misc : 9.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4299E

Quant Time: Jul 29 02:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	162504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147622	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65951	62.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.480%
35) Dibromofluoromethane	7.710	113	60388	34.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.480%
50) Toluene-d8	10.179	98	249589	49.233	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.477	95	76077	33.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	66.000%

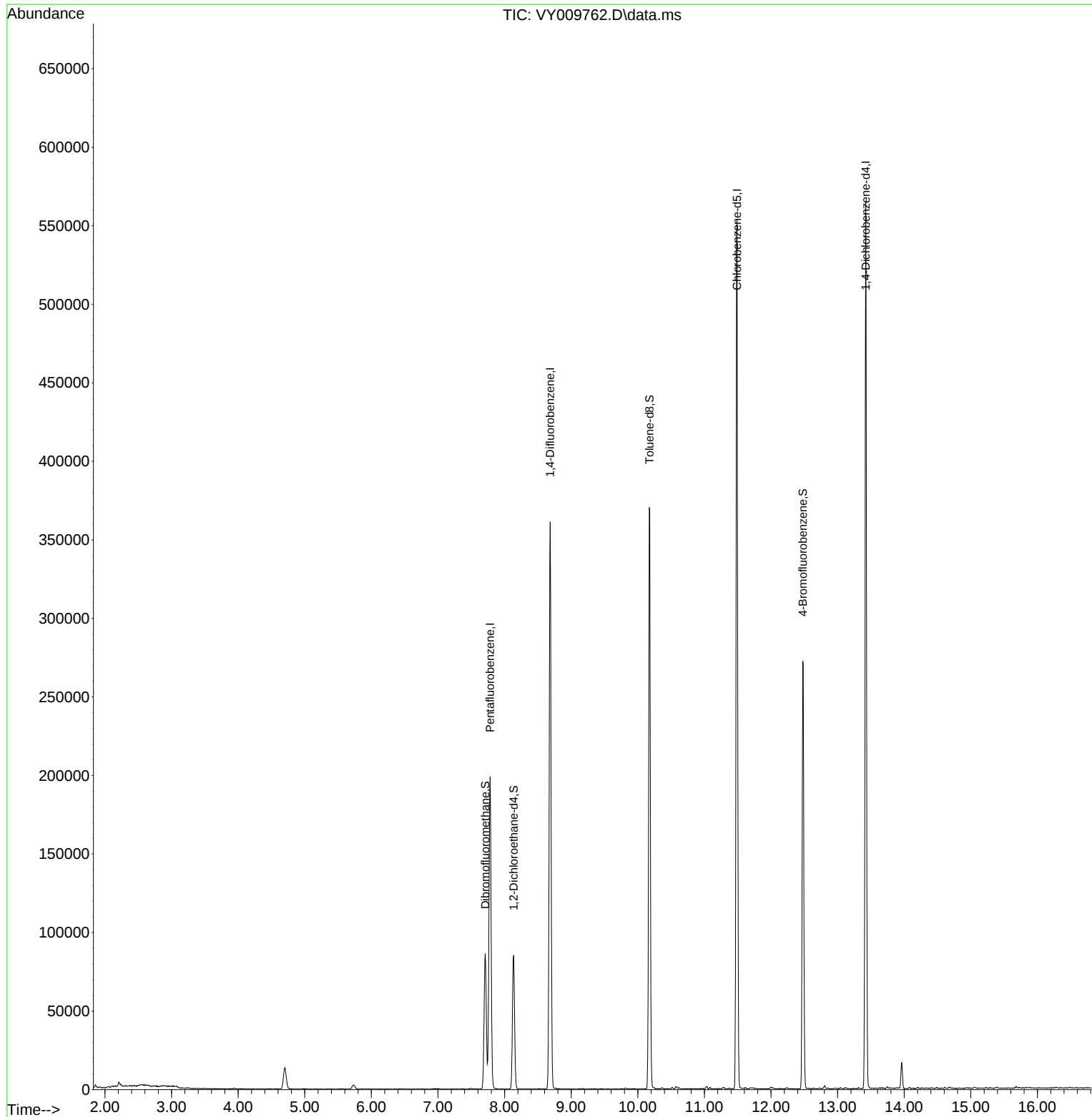
Target Compounds	Qvalue

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

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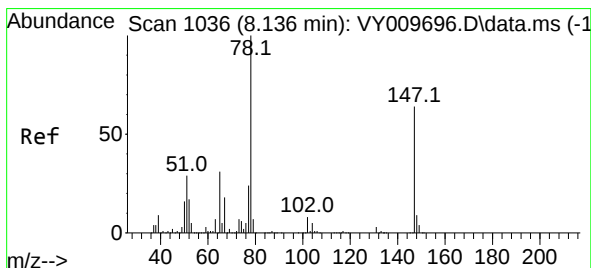
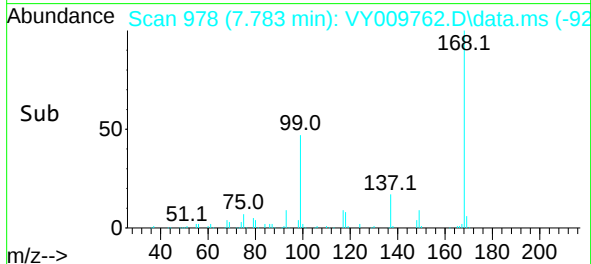
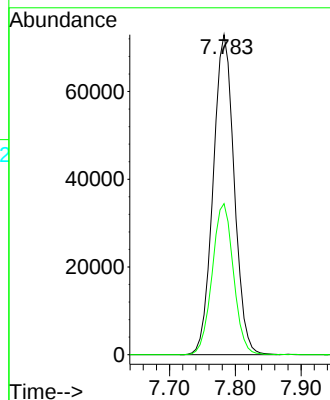
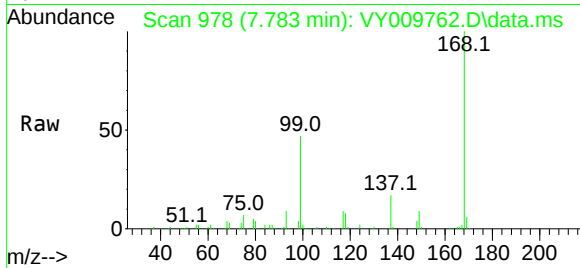




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

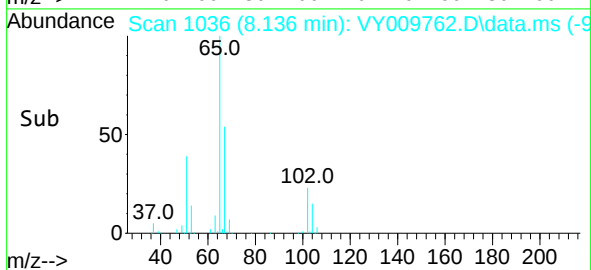
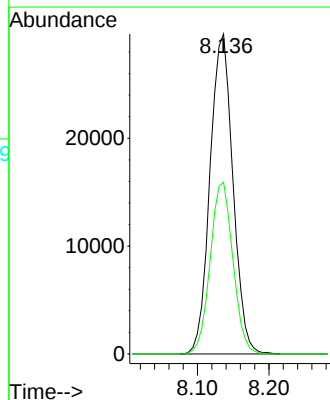
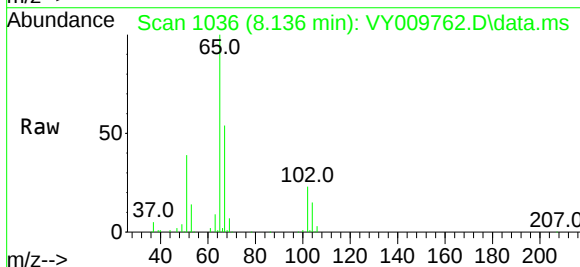
Instrument :
MSVOA_Y
ClientSampleId :
4299E

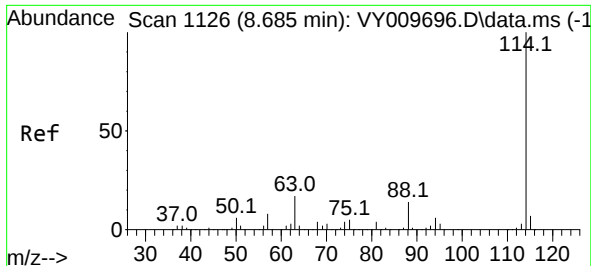
Tgt Ion:168 Resp: 162504
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.237 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

Tgt Ion: 65 Resp: 65951
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4

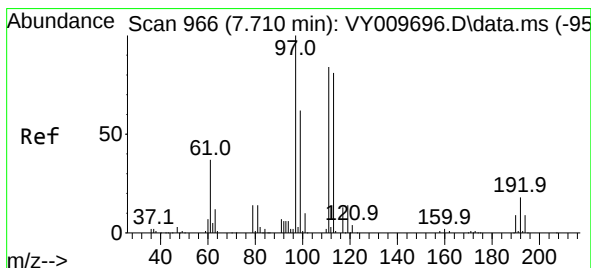
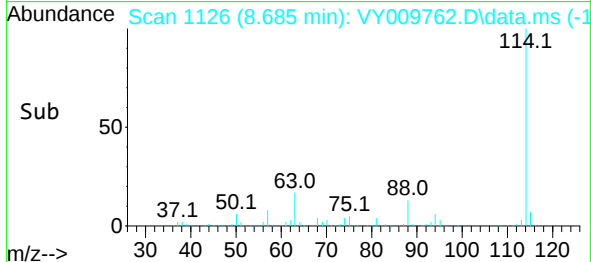
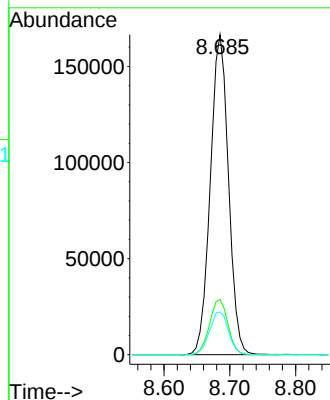
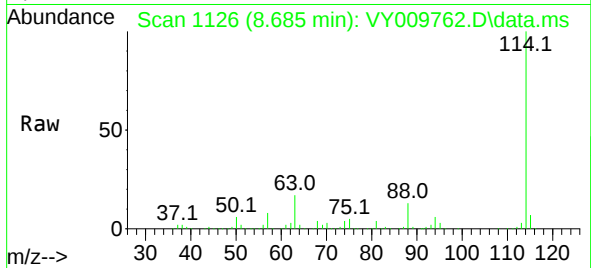




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

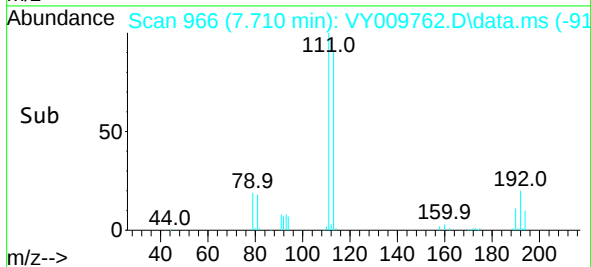
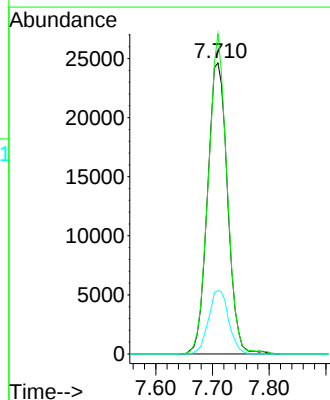
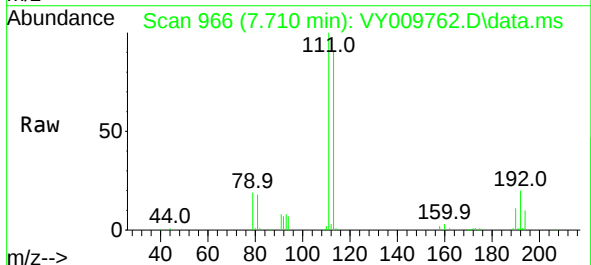
Instrument :
MSVOA_Y
ClientSampleId :
4299E

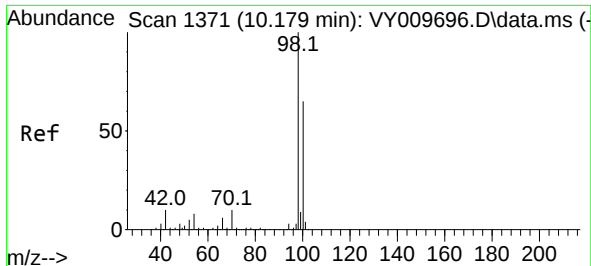
Tgt Ion:114 Resp: 319636
Ion Ratio Lower Upper
114 100
63 17.3 0.0 43.2
88 13.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 34.737 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

Tgt Ion:113 Resp: 60388
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 21.9 17.6 26.4

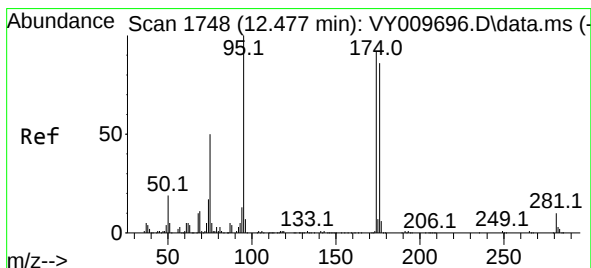
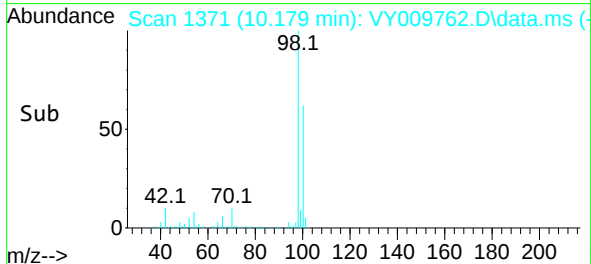
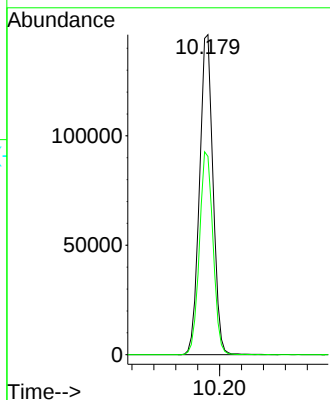
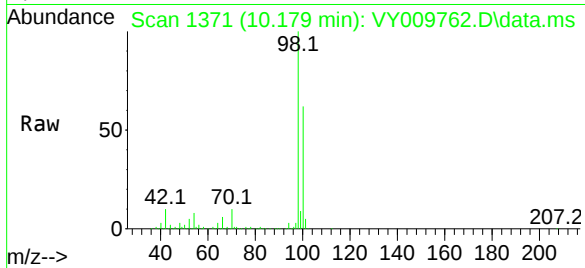




#50
Toluene-d8
Concen: 49.233 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

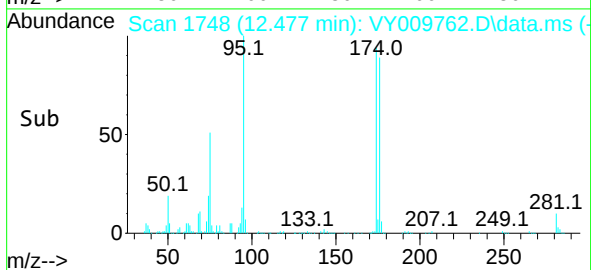
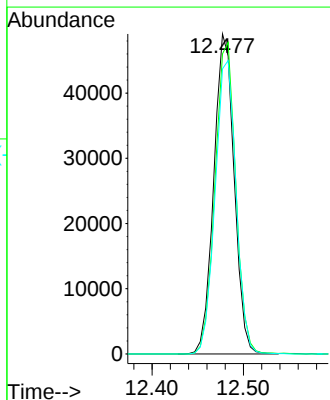
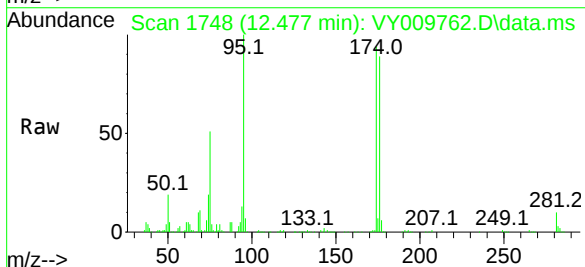
Instrument :
MSVOA_Y
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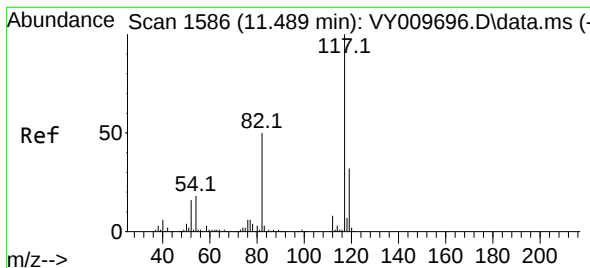
Tgt Ion: 98 Resp: 249589
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.004 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009762.D
Acq: 28 Jul 2022 19:34

Tgt Ion: 95 Resp: 76077
Ion Ratio Lower Upper
95 100
174 98.9 0.0 177.0
176 94.1 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: VY009762.D

Acq: 28 Jul 2022 19:34

Instrument :

MSVOA_Y

ClientSampleId :

4299E

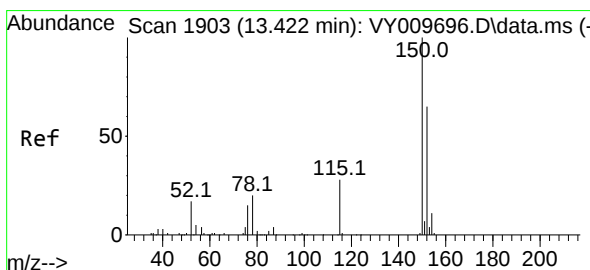
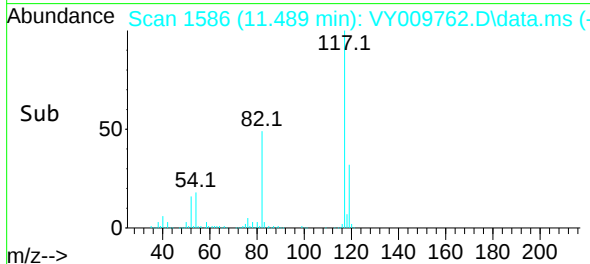
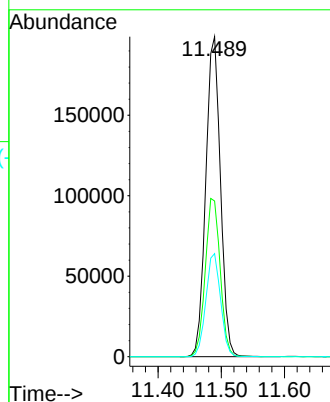
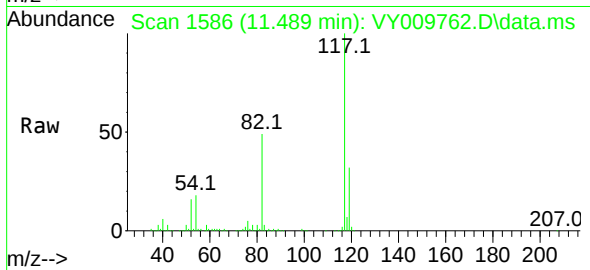
Tgt Ion:117 Resp: 320900

Ion Ratio Lower Upper

117 100

82 48.7 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: VY009762.D

Acq: 28 Jul 2022 19:34

Tgt Ion:152 Resp: 147622

Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 156.7 0.0 347.6

