

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009857.D
 Acq On : 05 Aug 2022 17:47
 Operator : KP/MD
 Sample : N3998-11
 Misc : 7.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DW-1

Quant Time: Aug 06 01:20:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	41540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	79107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	75874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22527	68.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.340%
35) Dibromofluoromethane	7.710	113	19375	40.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.340%
50) Toluene-d8	10.173	98	69054	48.569	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.477	95	20043	30.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	61.380%

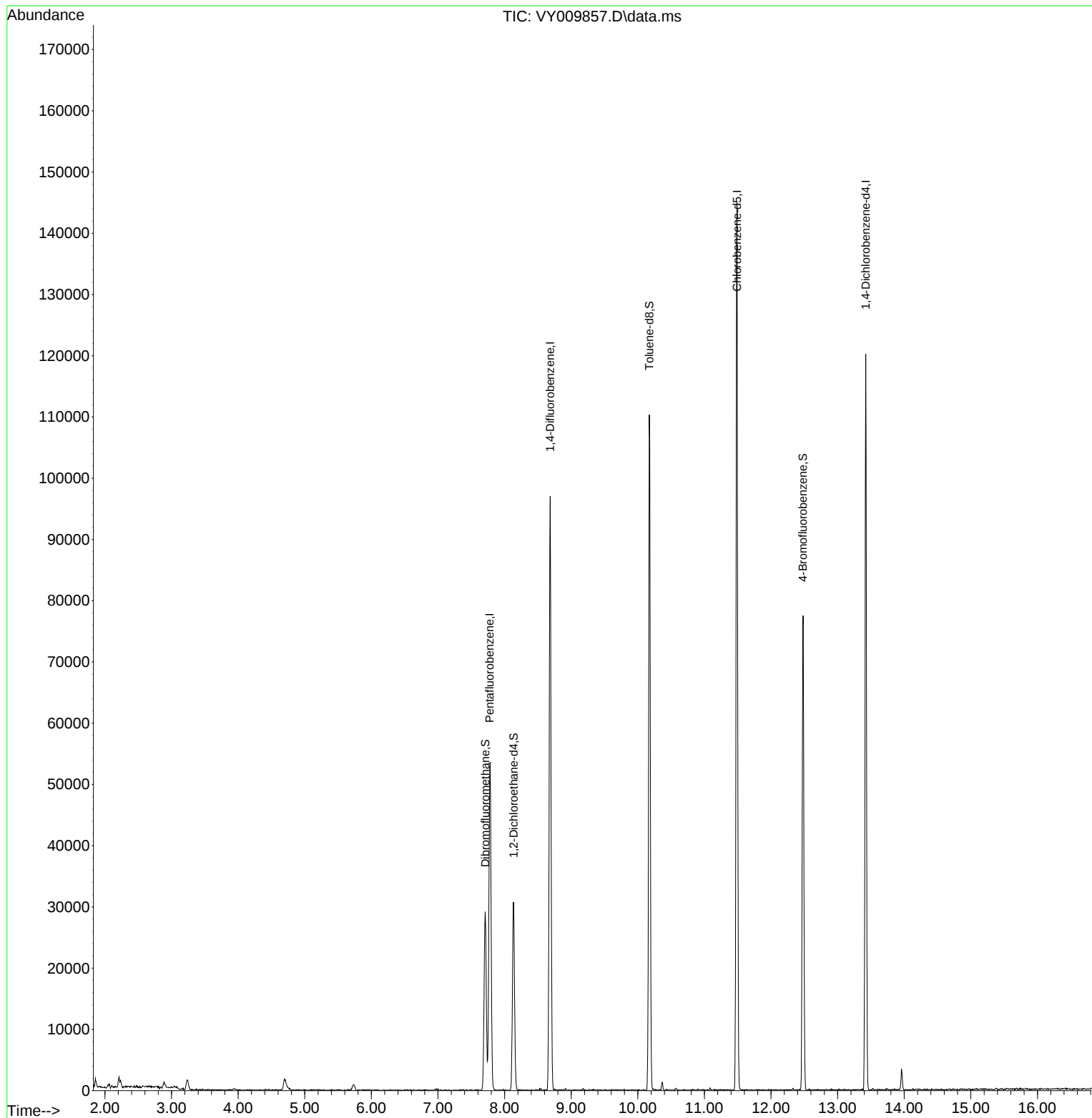
Target Compounds	Qvalue

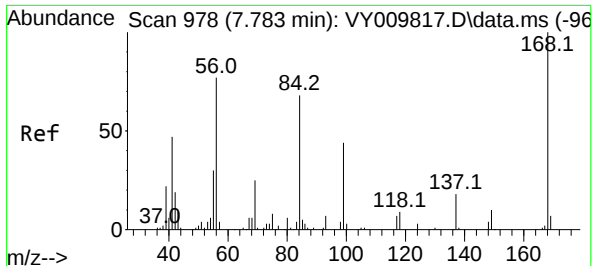
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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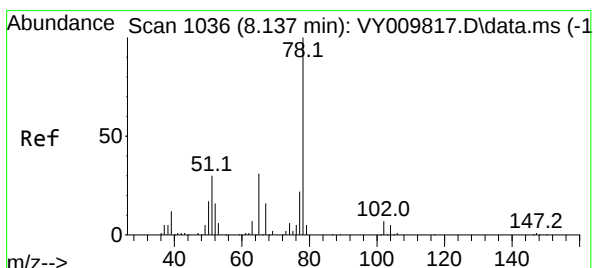
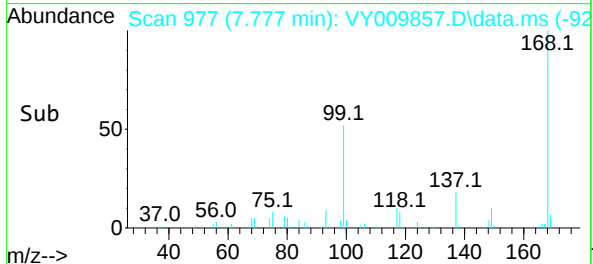
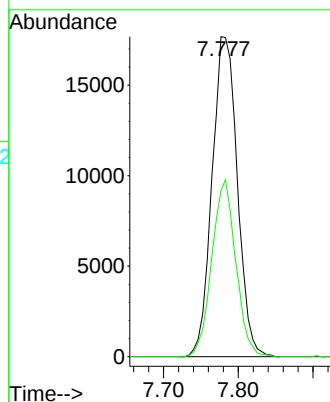
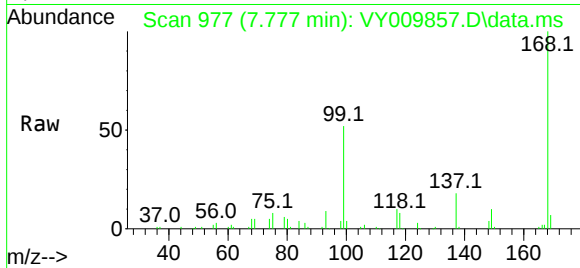




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009857.D
Acq: 05 Aug 2022 17:47

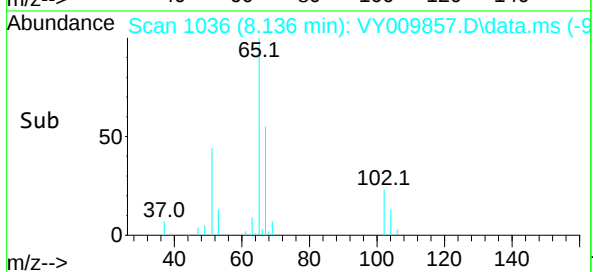
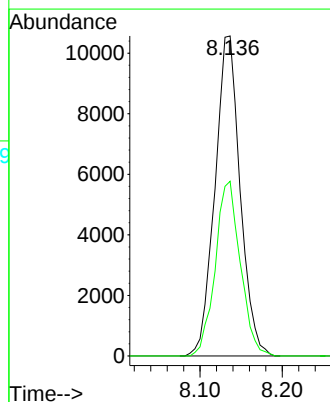
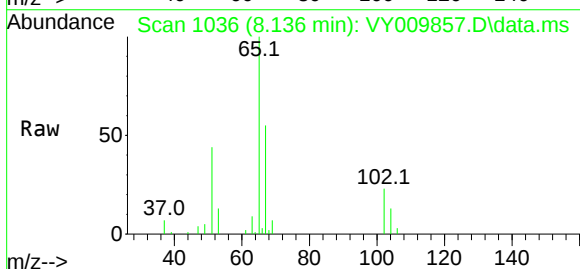
Instrument :
MSVOA_Y
ClientSampleId :
DW-1

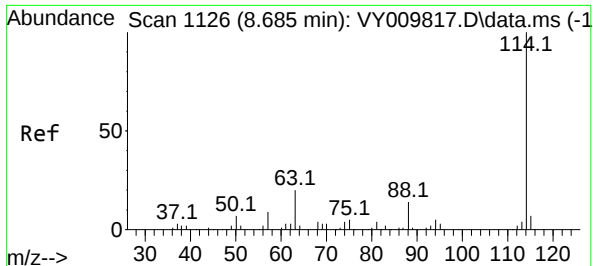
Tgt Ion:168 Resp: 41540
Ion Ratio Lower Upper
168 100
99 51.9 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 68.174 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009857.D
Acq: 05 Aug 2022 17:47

Tgt Ion: 65 Resp: 22527
Ion Ratio Lower Upper
65 100
67 54.3 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009857.D

Acq: 05 Aug 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

DW-1

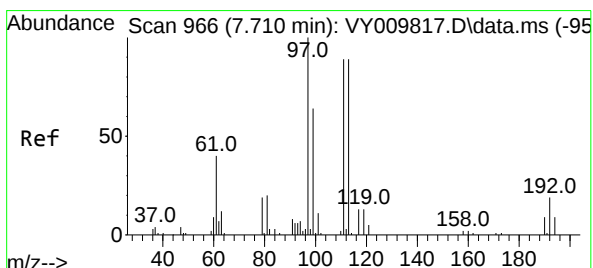
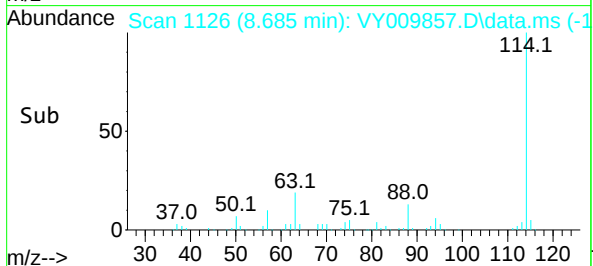
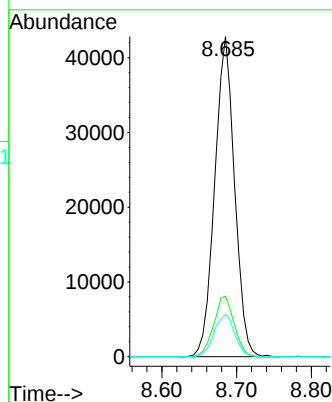
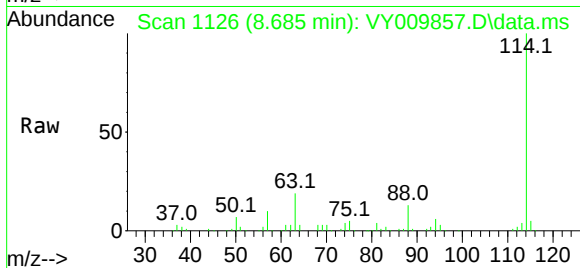
Tgt Ion:114 Resp: 79107

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

88 13.2 0.0 27.6



#35

Dibromofluoromethane

Concen: 40.170 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009857.D

Acq: 05 Aug 2022 17:47

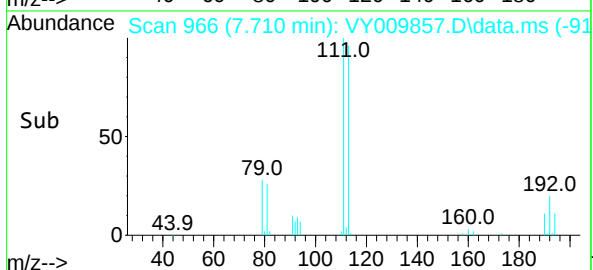
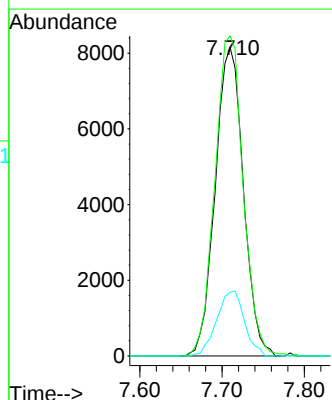
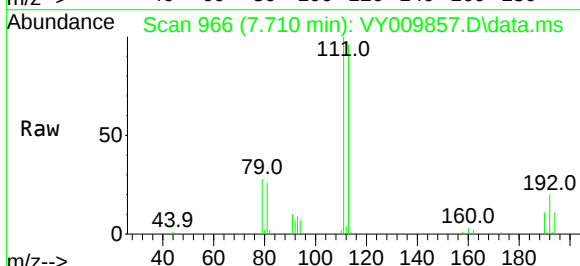
Tgt Ion:113 Resp: 19375

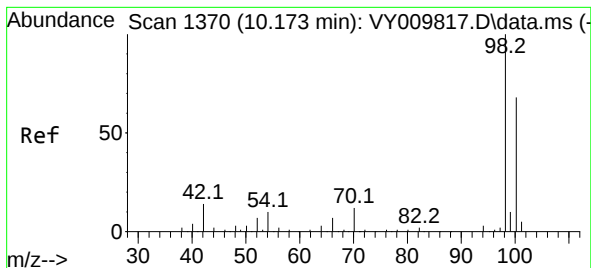
Ion Ratio Lower Upper

113 100

111 104.5 82.4 123.6

192 20.7 16.5 24.7





#50

Toluene-d8

Concen: 48.569 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009857.D

Acq: 05 Aug 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

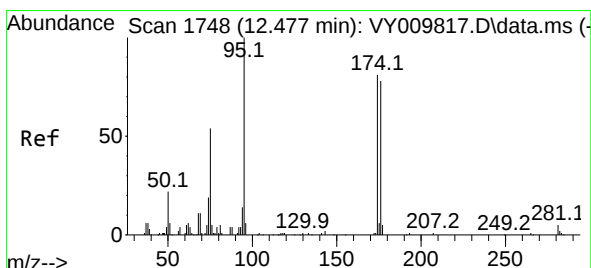
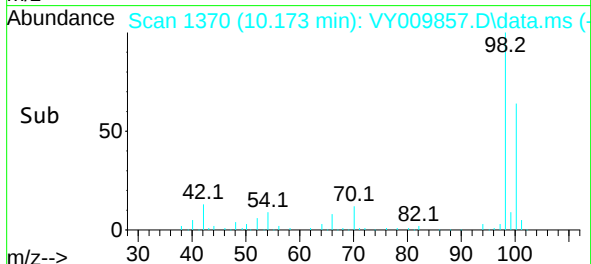
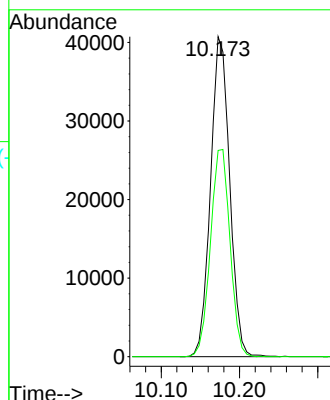
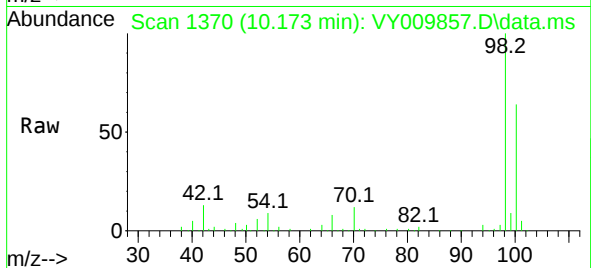
DW-1

Tgt Ion: 98 Resp: 69054

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 30.688 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009857.D

Acq: 05 Aug 2022 17:47

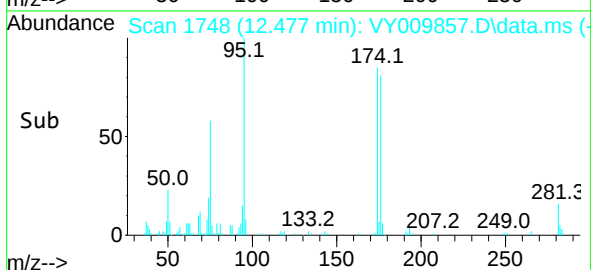
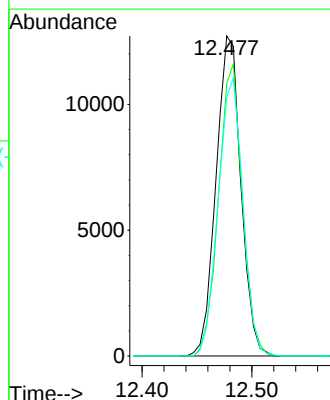
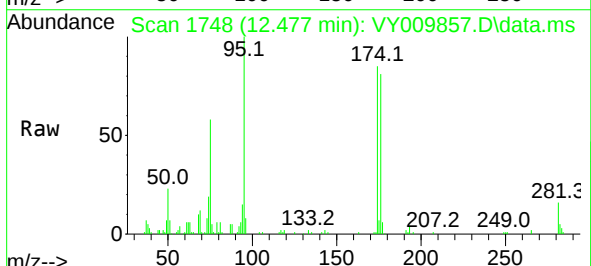
Tgt Ion: 95 Resp: 20043

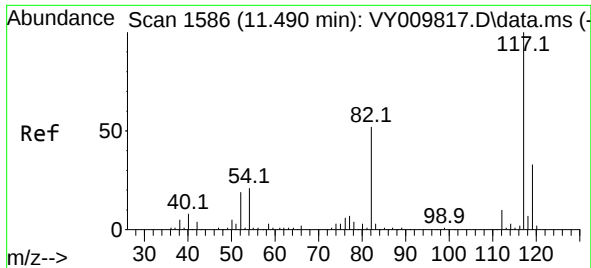
Ion Ratio Lower Upper

95 100

174 87.5 0.0 168.6

176 86.1 0.0 163.6

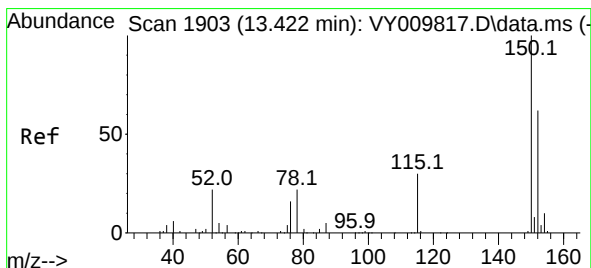
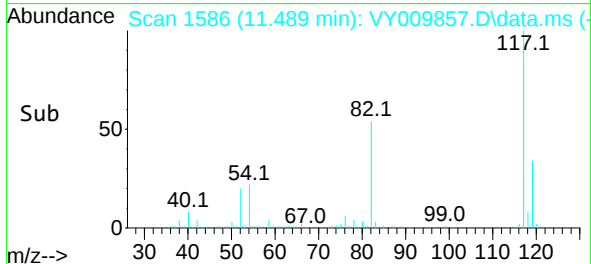
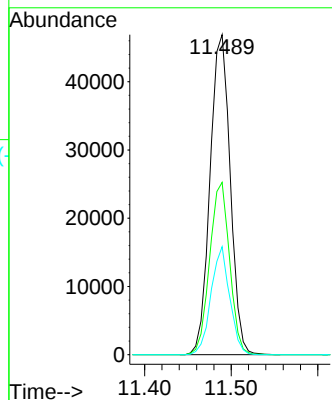
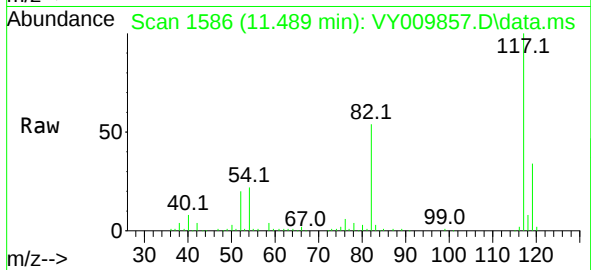




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009857.D
Acq: 05 Aug 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
DW-1

Tgt Ion:117 Resp: 75874
Ion Ratio Lower Upper
117 100
82 53.9 41.7 62.5
119 33.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009857.D
Acq: 05 Aug 2022 17:47

Tgt Ion:152 Resp: 29069
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 156.1 0.0 354.2

