

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009844.D
 Acq On : 04 Aug 2022 19:52
 Operator : KP/MD
 Sample : N3998-06
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: Aug 05 01:45:28 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	7.783	168	43725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	94583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	82695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23549	67.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.320%
35) Dibromofluoromethane	7.710	113	19775	34.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.580%
50) Toluene-d8	10.179	98	71125	40.729	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	81.460%
62) 4-Bromofluorobenzene	12.477	95	22626	28.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	57.940%

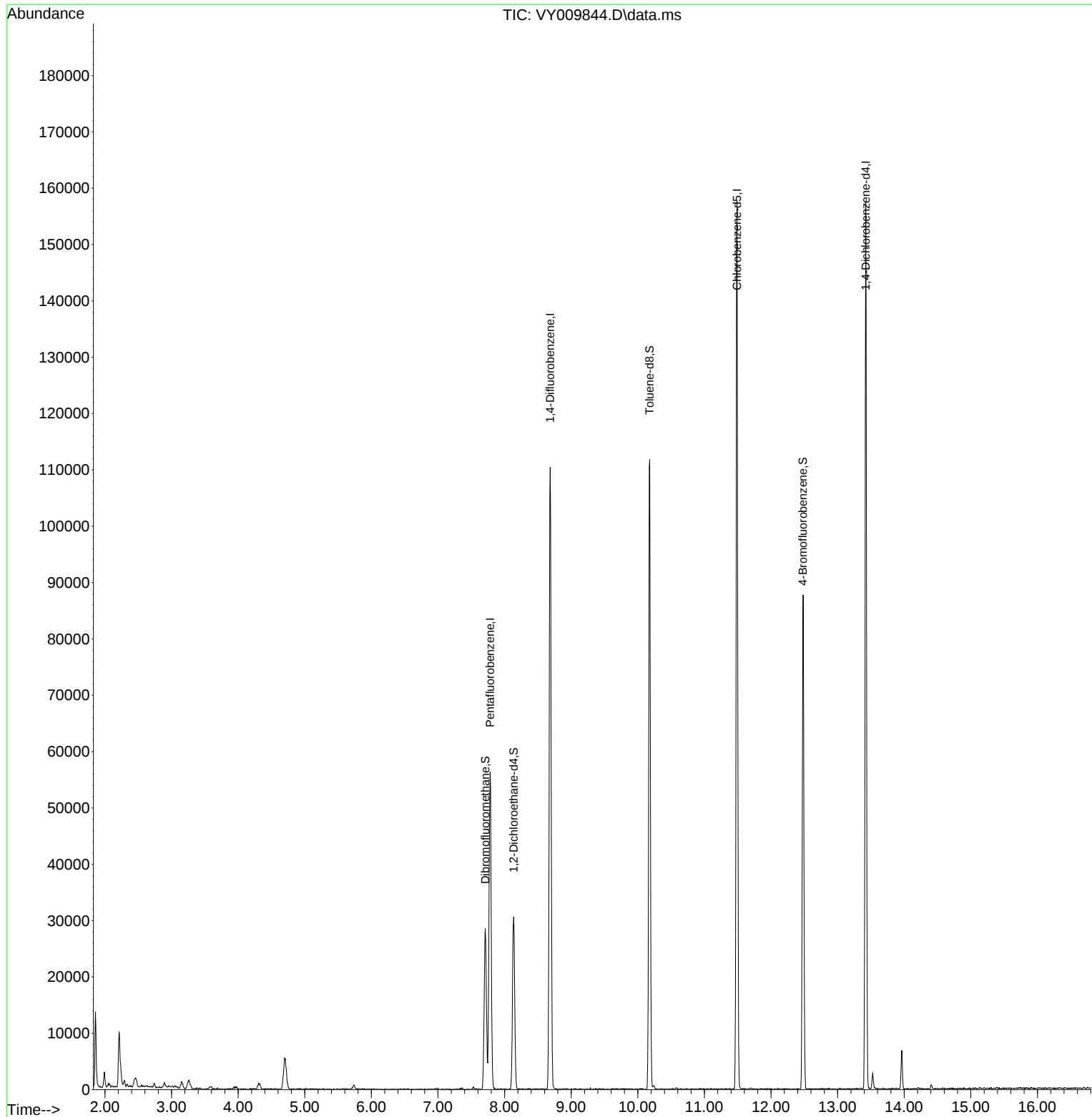
Target Compounds	Qvalue

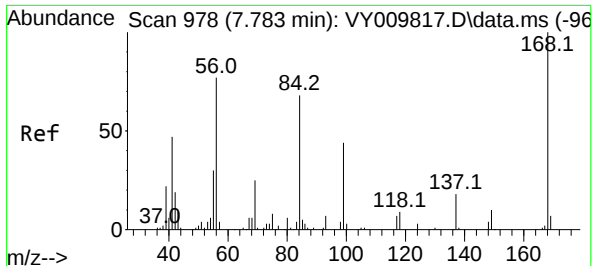
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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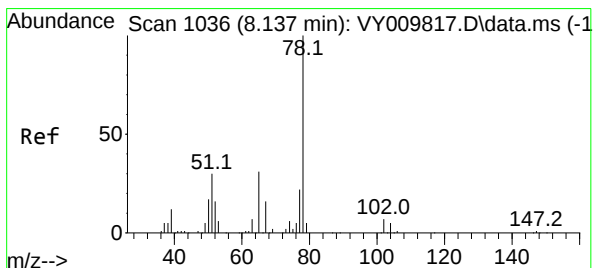
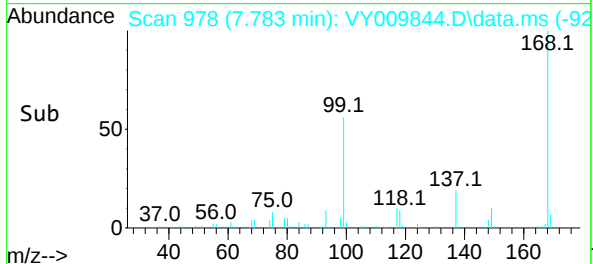
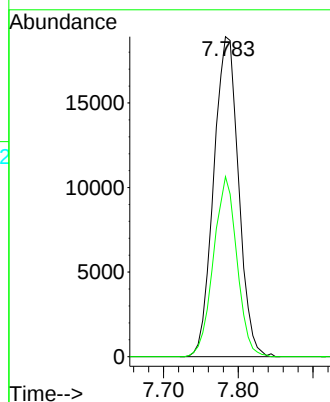
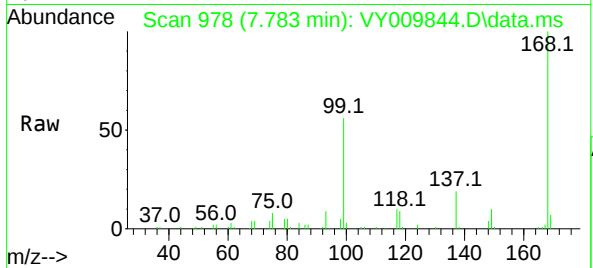




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

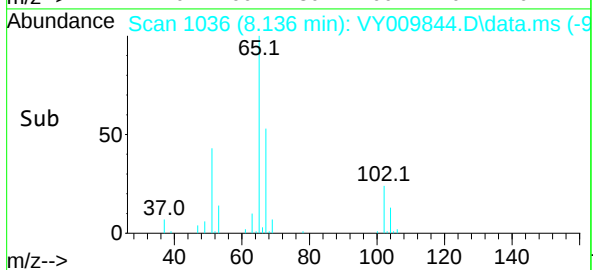
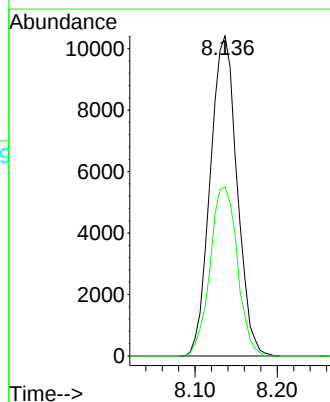
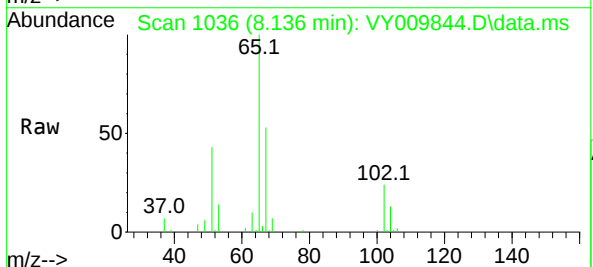
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

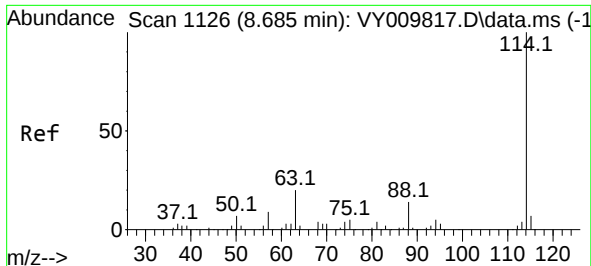
Tgt Ion:168 Resp: 43725
Ion Ratio Lower Upper
168 100
99 56.2 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 67.658 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

Tgt Ion: 65 Resp: 23549
Ion Ratio Lower Upper
65 100
67 53.8 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: VY009844.D

Acq: 04 Aug 2022 19:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

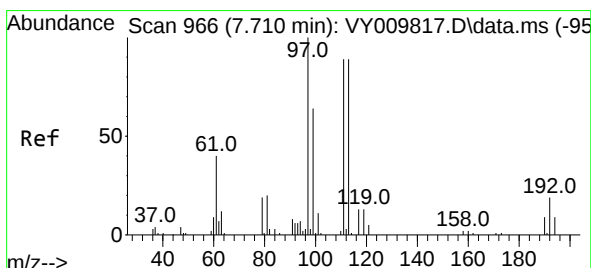
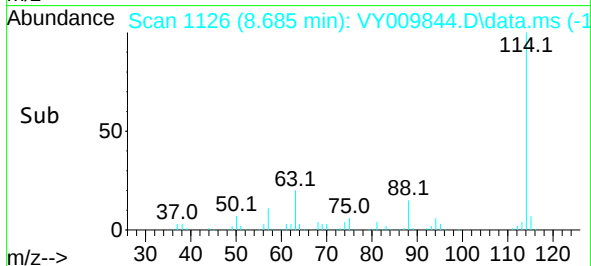
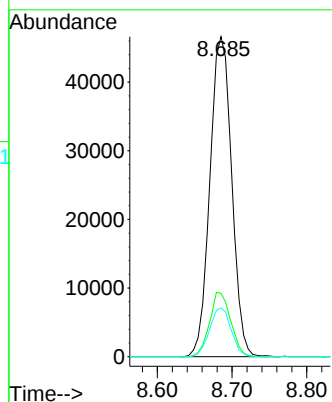
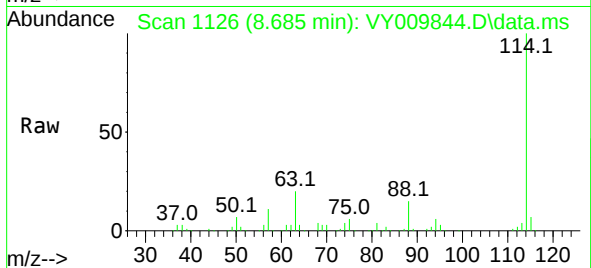
Tgt Ion:114 Resp: 94583

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 15.3 0.0 27.6



#35

Dibromofluoromethane

Concen: 34.291 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009844.D

Acq: 04 Aug 2022 19:52

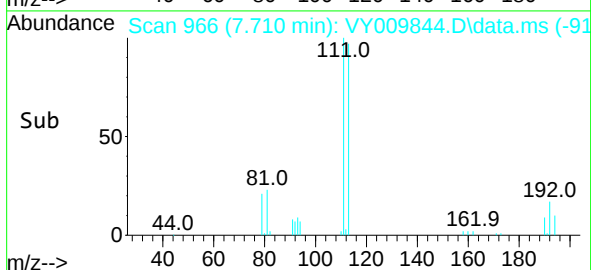
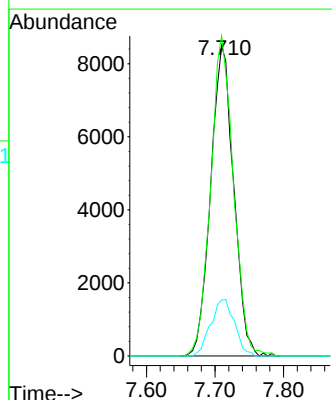
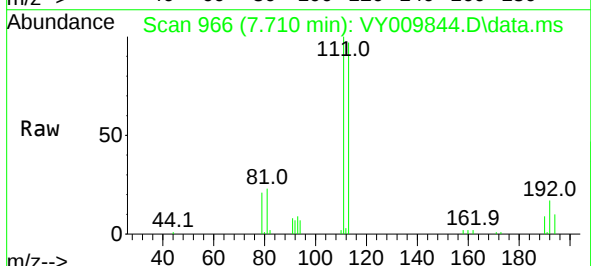
Tgt Ion:113 Resp: 19775

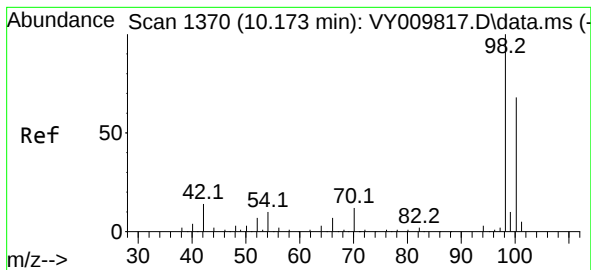
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 18.9 16.5 24.7





#50

Toluene-d8

Concen: 40.729 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009844.D

Acq: 04 Aug 2022 19:52

Instrument :

MSVOA_Y

ClientSampleId :

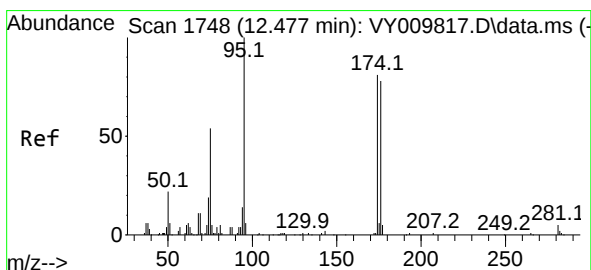
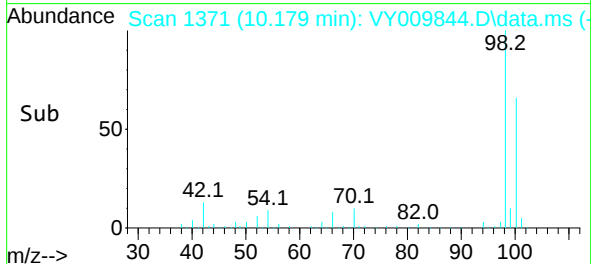
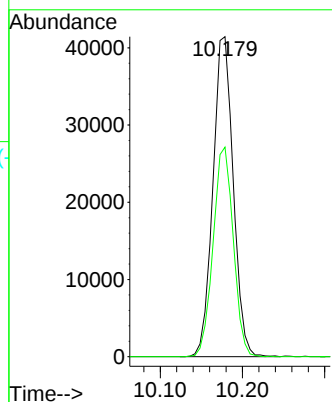
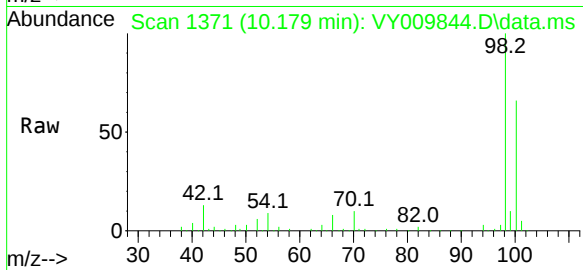
SB-6

Tgt Ion: 98 Resp: 71125

Ion Ratio Lower Upper

98 100

100 65.1 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 28.974 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009844.D

Acq: 04 Aug 2022 19:52

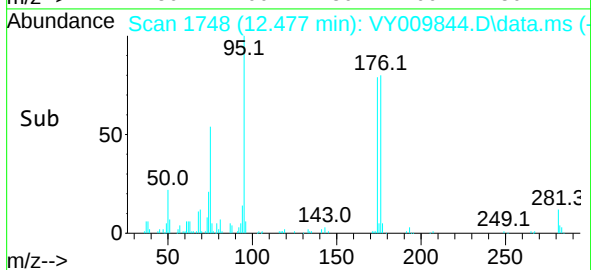
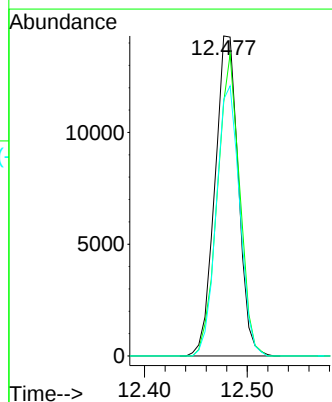
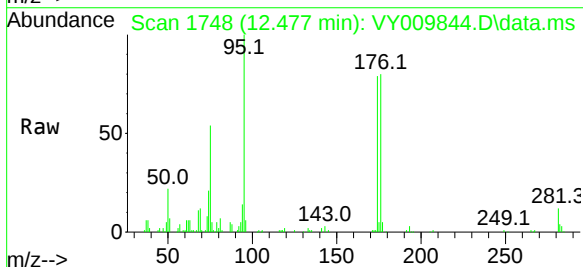
Tgt Ion: 95 Resp: 22626

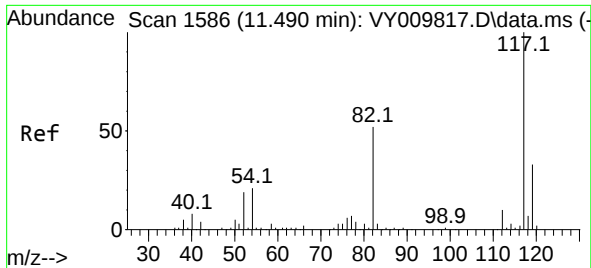
Ion Ratio Lower Upper

95 100

174 89.5 0.0 168.6

176 84.1 0.0 163.6

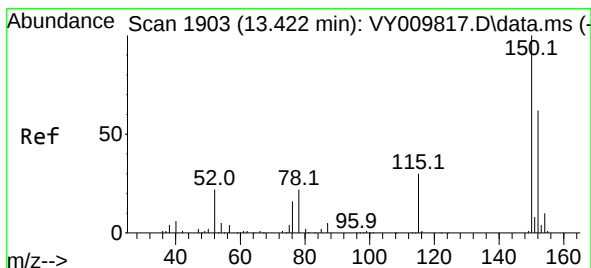
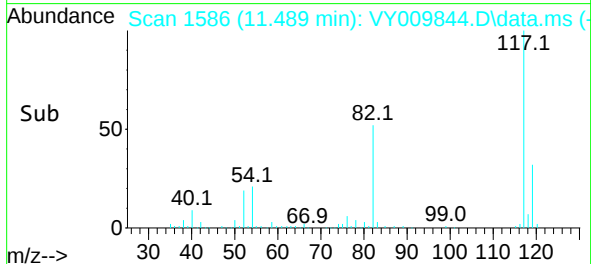
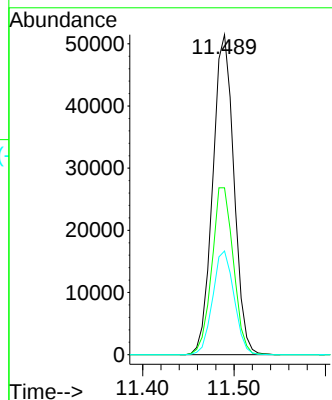
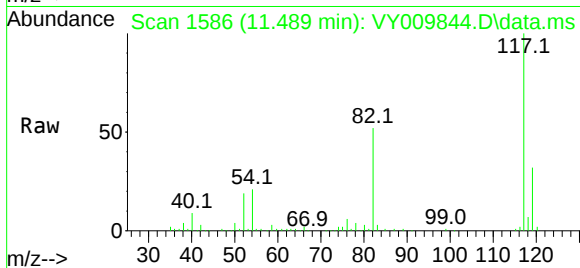




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009844.D
Acq: 04 Aug 2022 19:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

Tgt Ion:117 Resp: 82695
Ion Ratio Lower Upper
117 100
82 52.1 41.7 62.5
119 32.4 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: VY009844.D
Acq: 04 Aug 2022 19:52

Tgt Ion:152 Resp: 37979
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 156.7 0.0 354.2

