

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009845.D
 Acq On : 04 Aug 2022 20:15
 Operator : KP/MD
 Sample : N3998-07
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Aug 05 01:45:38 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	42519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	80019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	79928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	41245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	21924	64.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.960%
35) Dibromofluoromethane	7.710	113	19414	39.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.580%
50) Toluene-d8	10.173	98	68808	47.724	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.477	95	21747	32.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	65.840%

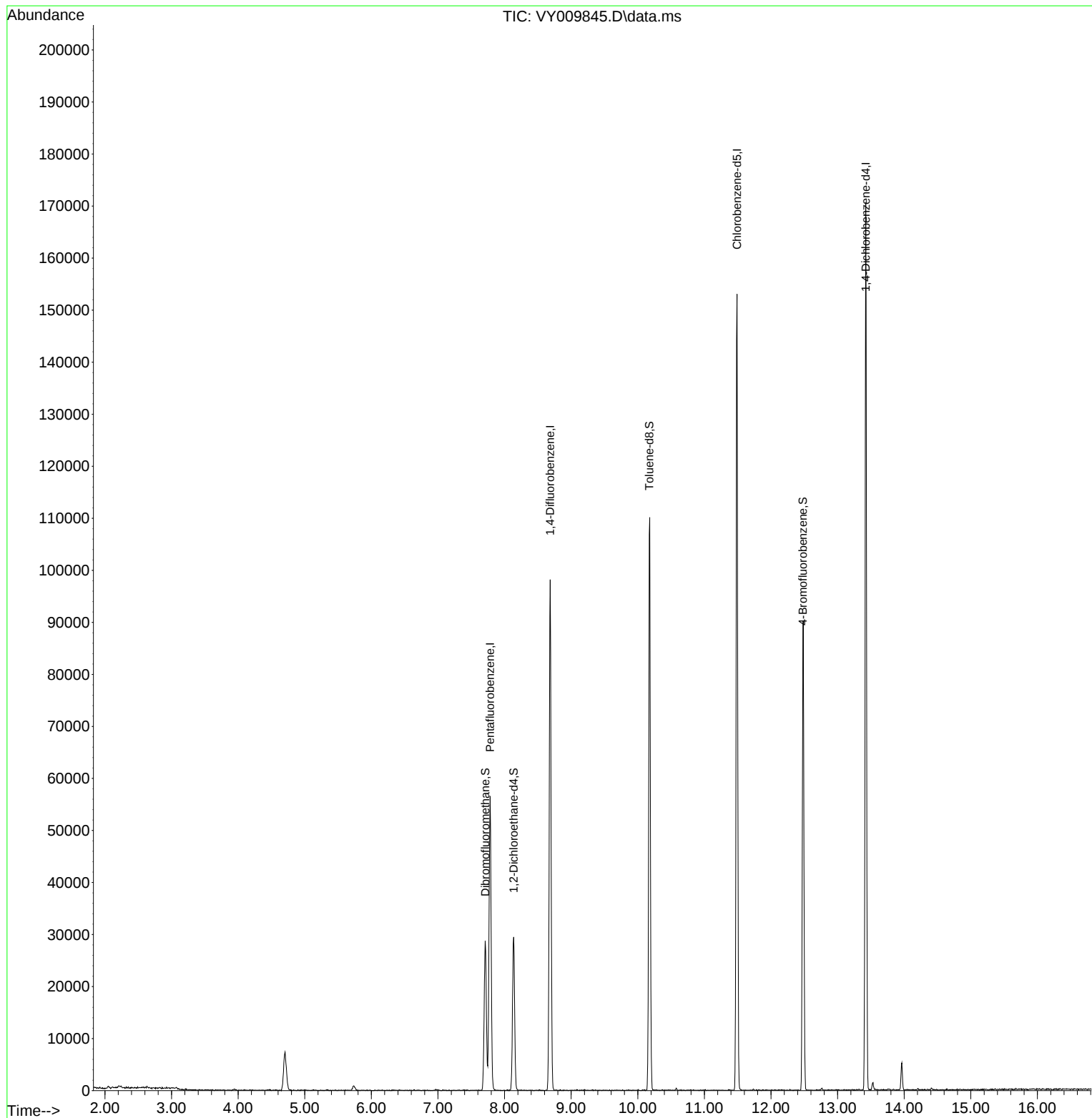
Target Compounds	Qvalue

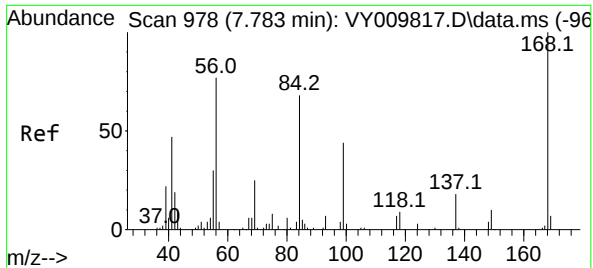
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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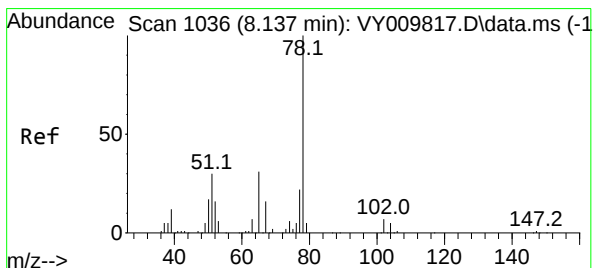
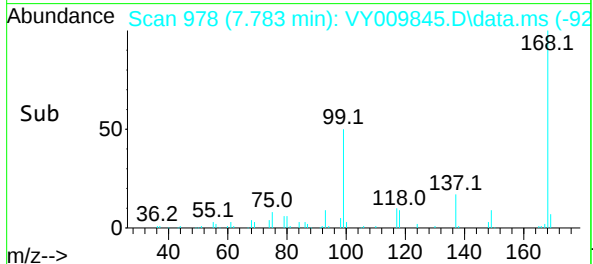
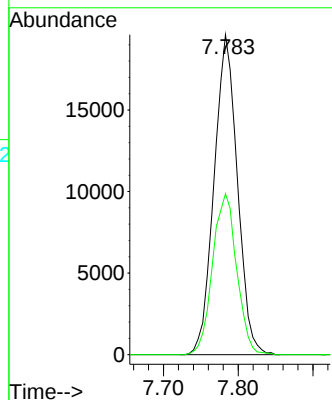
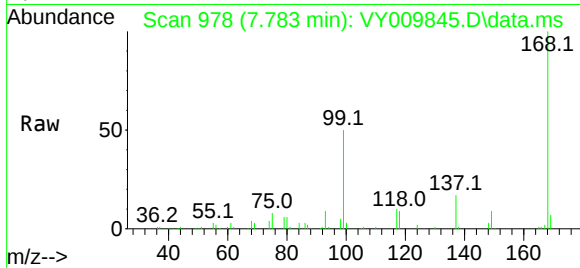




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009845.D
Acq: 04 Aug 2022 20:15

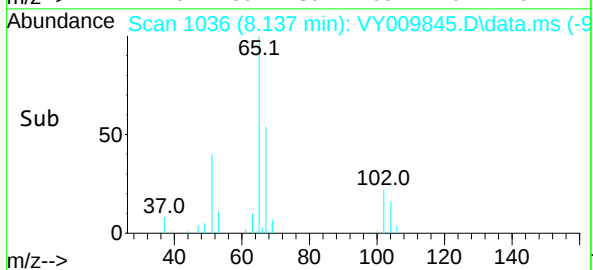
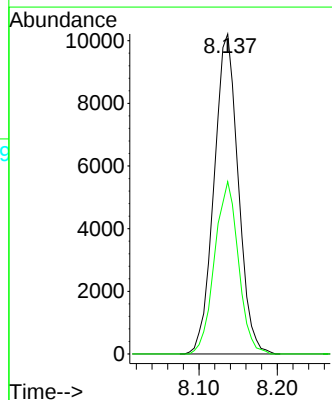
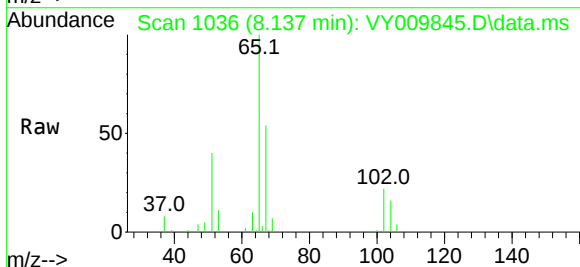
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

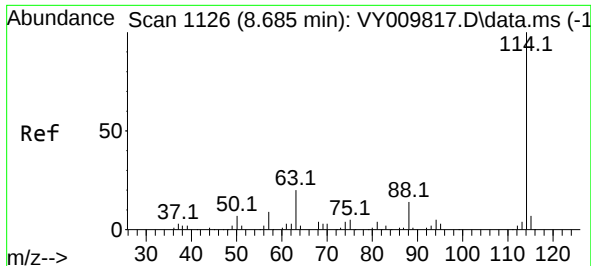
Tgt Ion:168 Resp: 42519
Ion Ratio Lower Upper
168 100
99 50.3 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 64.482 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009845.D
Acq: 04 Aug 2022 20:15

Tgt Ion: 65 Resp: 21924
Ion Ratio Lower Upper
65 100
67 53.0 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: VY009845.D

Acq: 04 Aug 2022 20:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

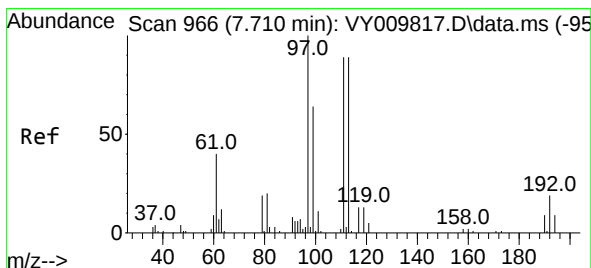
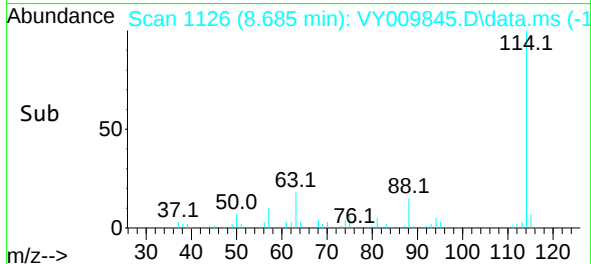
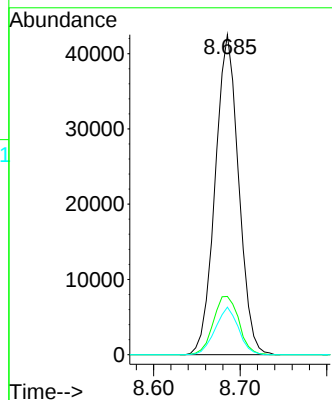
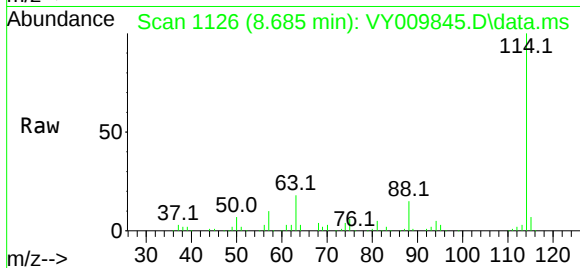
Tgt Ion:114 Resp: 80019

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.2

88 14.8 0.0 27.6



#35

Dibromofluoromethane

Concen: 39.792 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009845.D

Acq: 04 Aug 2022 20:15

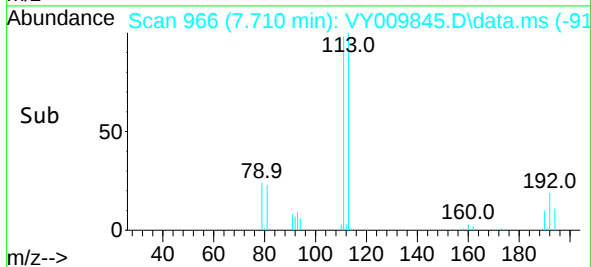
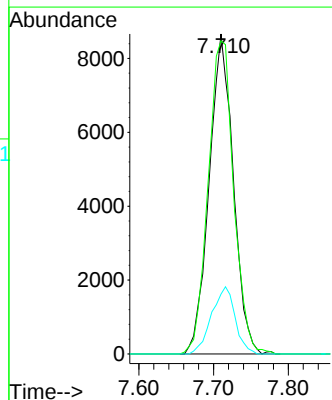
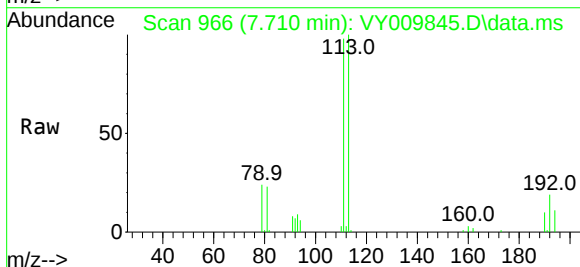
Tgt Ion:113 Resp: 19414

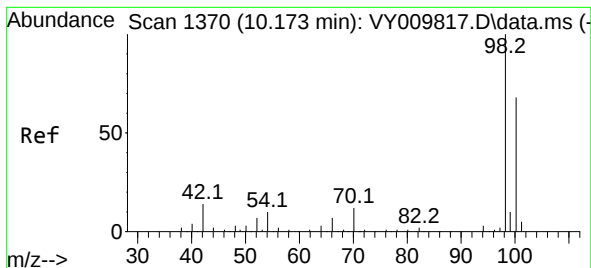
Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 20.6 16.5 24.7

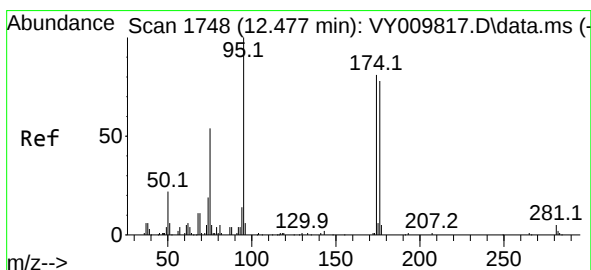
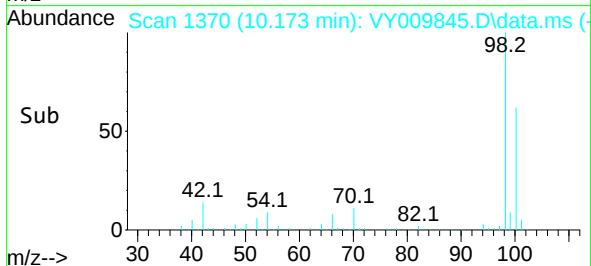
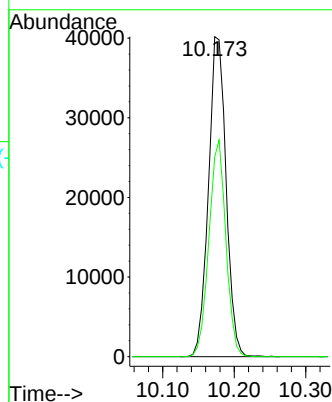
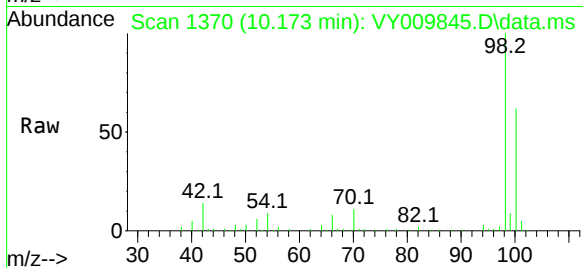




#50
Toluene-d8
Concen: 47.724 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009845.D
Acq: 04 Aug 2022 20:15

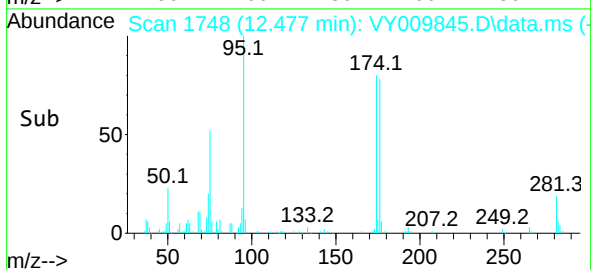
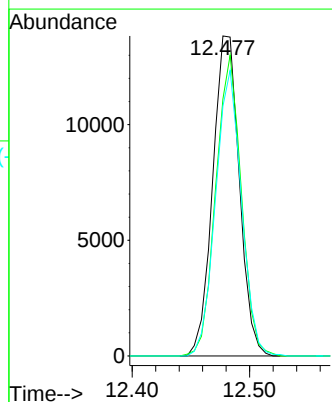
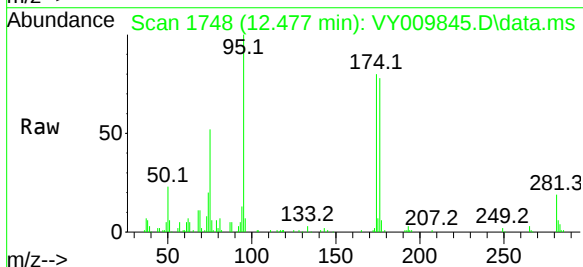
Instrument :
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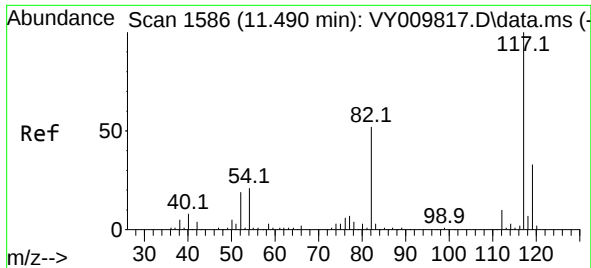
Tgt Ion: 98 Resp: 68808
Ion Ratio Lower Upper
98 100
100 64.9 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 32.917 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009845.D
Acq: 04 Aug 2022 20:15

Tgt Ion: 95 Resp: 21747
Ion Ratio Lower Upper
95 100
174 90.0 0.0 168.6
176 86.8 0.0 163.6

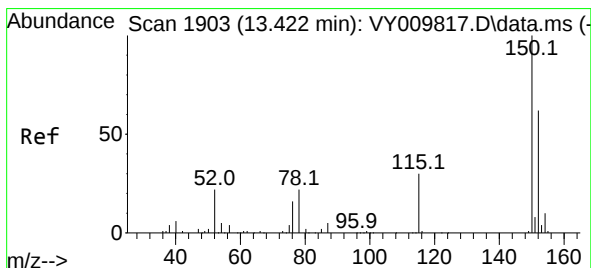
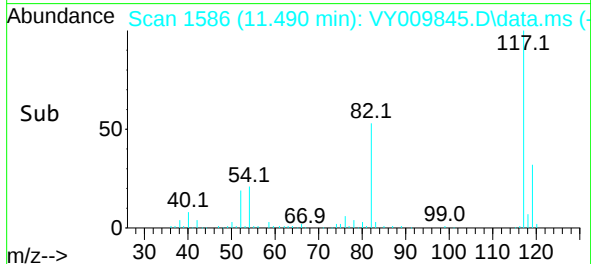
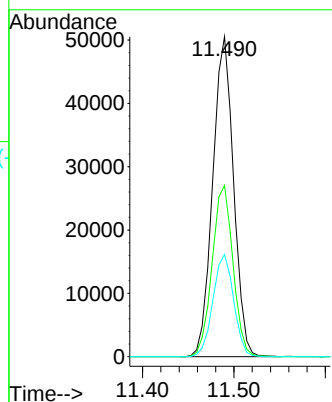
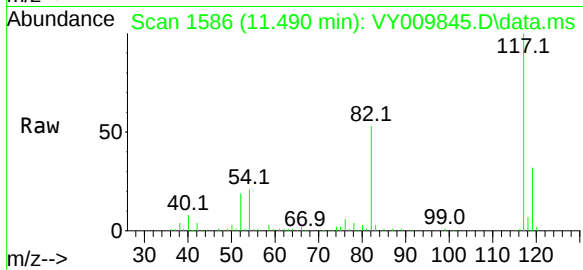




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009845.D
Acq: 04 Aug 2022 20:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

Tgt Ion:117 Resp: 79928
Ion Ratio Lower Upper
117 100
82 53.5 41.7 62.5
119 31.9 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: VY009845.D
Acq: 04 Aug 2022 20:15

Tgt Ion:152 Resp: 41245
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 159.5 0.0 354.2

