

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007046.D
 Acq On : 06 Jan 2022 20:37
 Operator : SY/MD
 Sample : N1051-05
 Misc : 6.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(2.5-3)

Quant Time: Jan 07 14:53:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	136238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	259327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	244652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100427	62.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.900%
35) Dibromofluoromethane	7.722	113	86324	50.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.280%
50) Toluene-d8	10.185	98	318688	50.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.640%
62) 4-Bromofluorobenzene	12.483	95	123082	51.600	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.200%

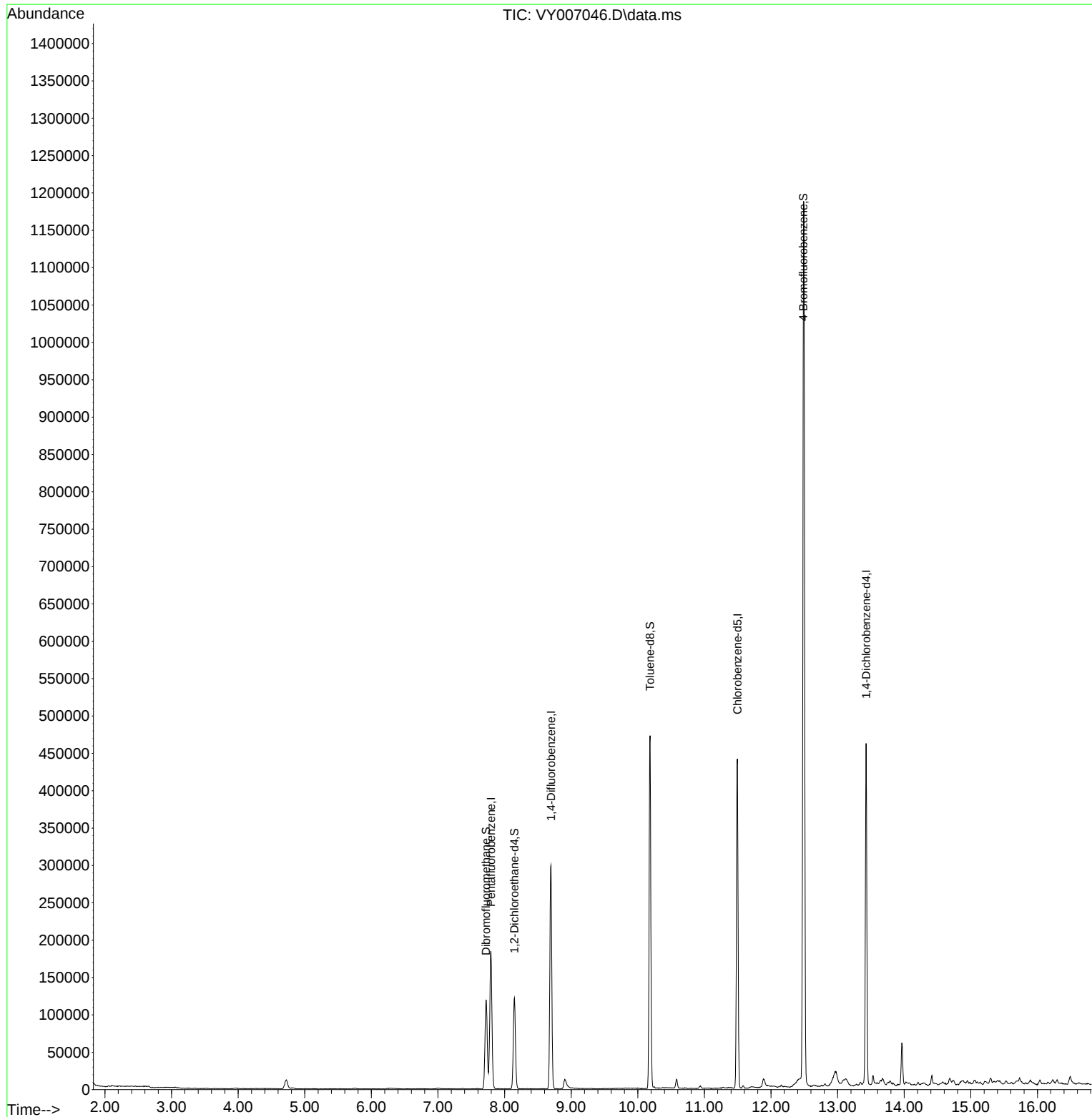
Target Compounds	Qvalue

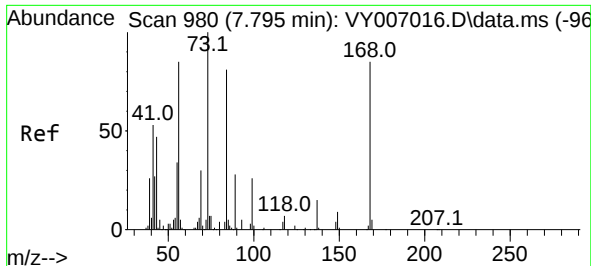
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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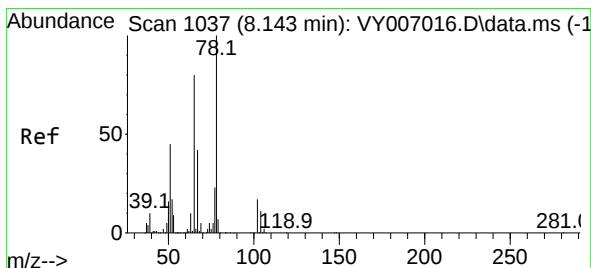
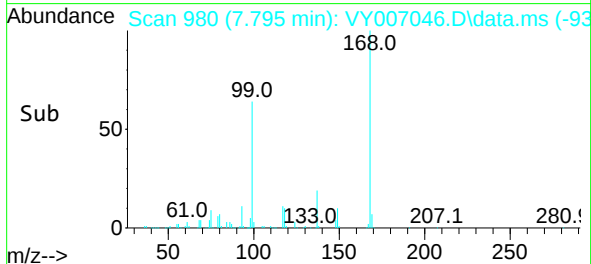
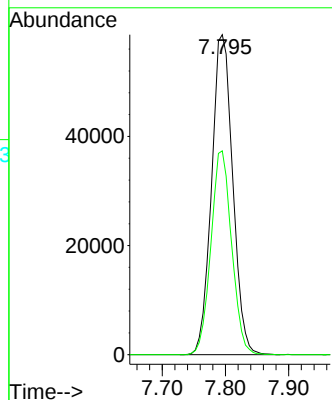
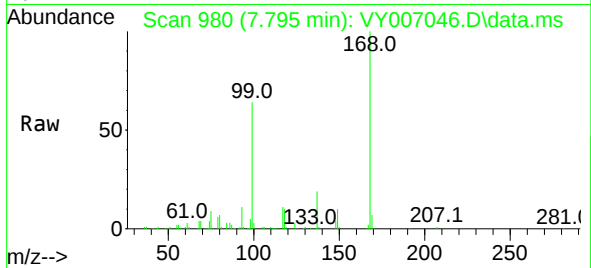




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

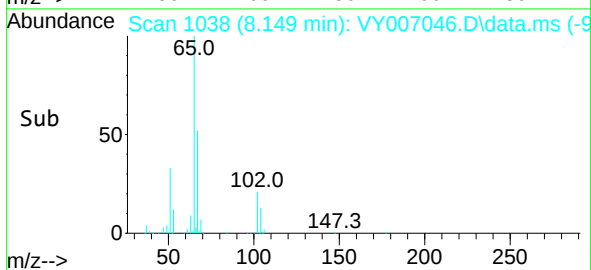
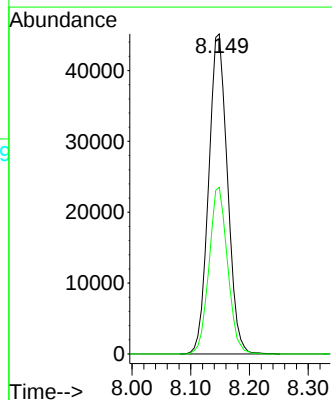
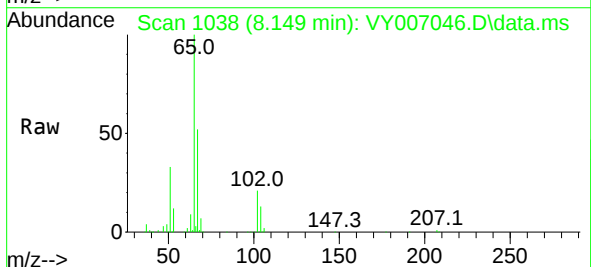
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(2.5-3)

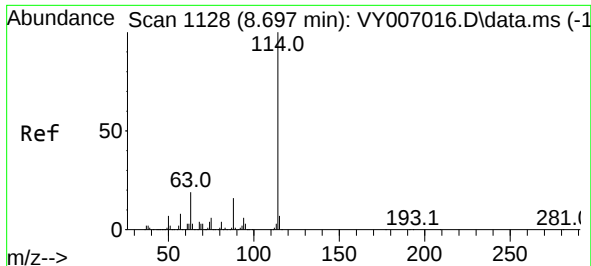
Tgt Ion:168 Resp: 136238
Ion Ratio Lower Upper
168 100
99 63.7 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 62.448 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

Tgt Ion: 65 Resp: 100427
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007046.D

Acq: 06 Jan 2022 20:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(2.5-3)

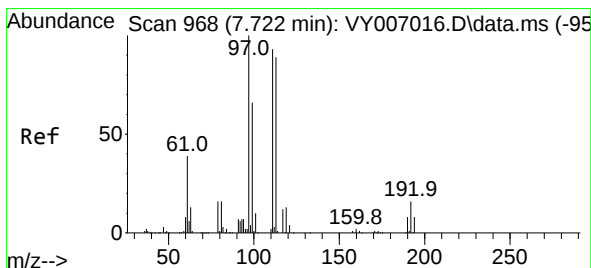
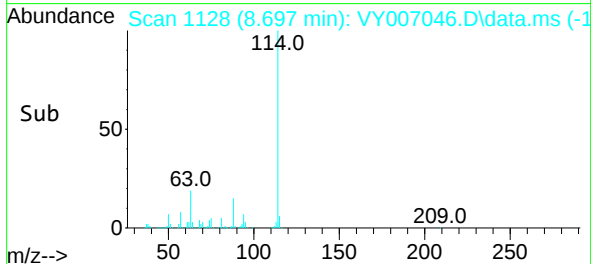
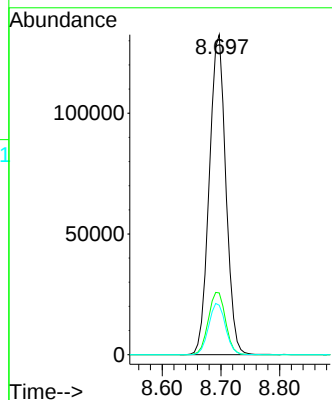
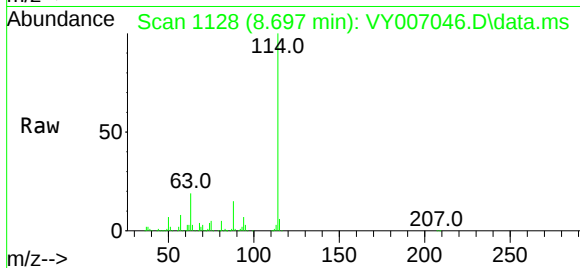
Tgt Ion:114 Resp: 259327

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.640 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007046.D

Acq: 06 Jan 2022 20:37

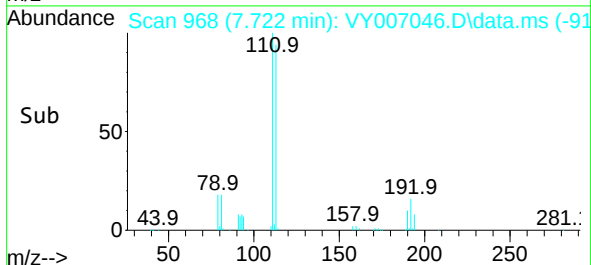
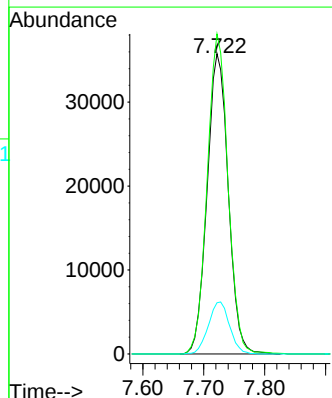
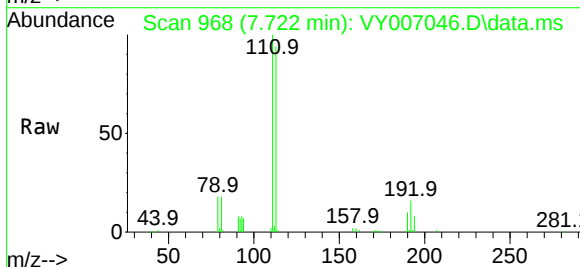
Tgt Ion:113 Resp: 86324

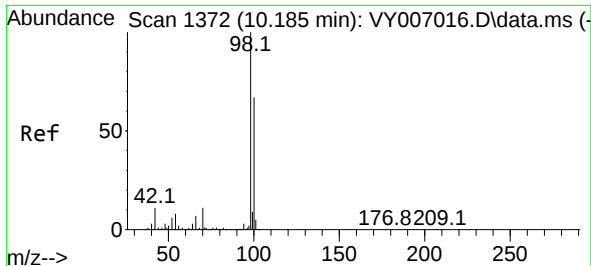
Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

192 17.4 14.6 21.8

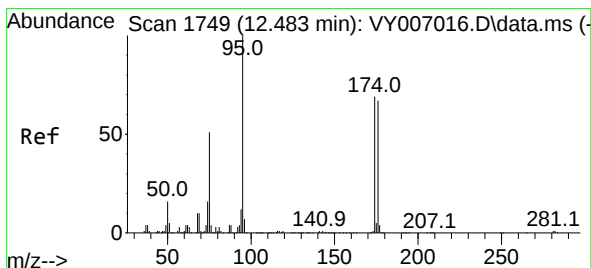
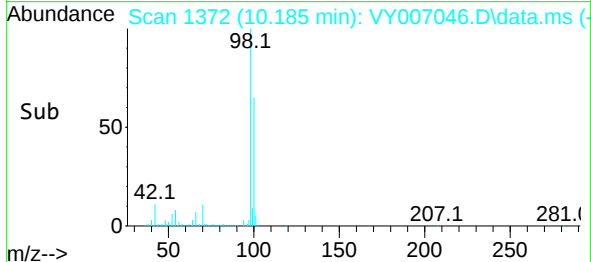
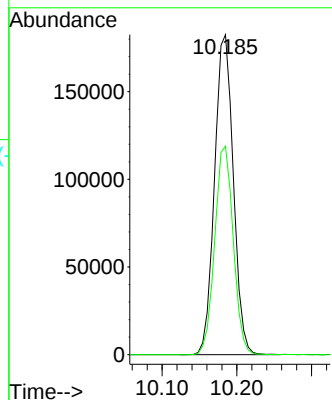
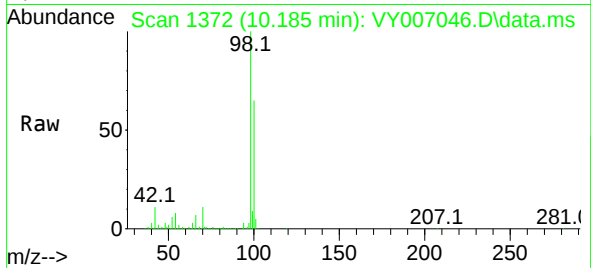




#50
Toluene-d8
Concen: 50.317 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

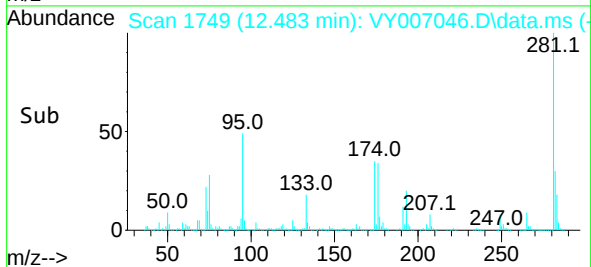
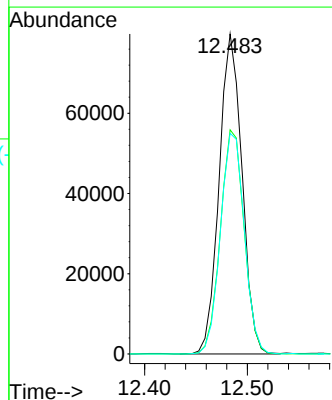
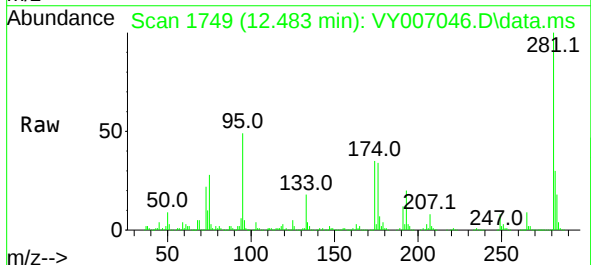
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(2.5-3)

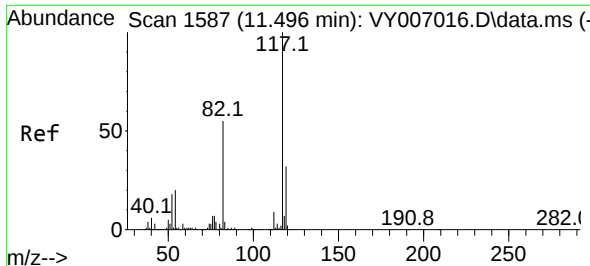
Tgt Ion: 98 Resp: 318688
Ion Ratio Lower Upper
98 100
100 64.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.600 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

Tgt Ion: 95 Resp: 123082
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.6
176 72.2 0.0 141.0

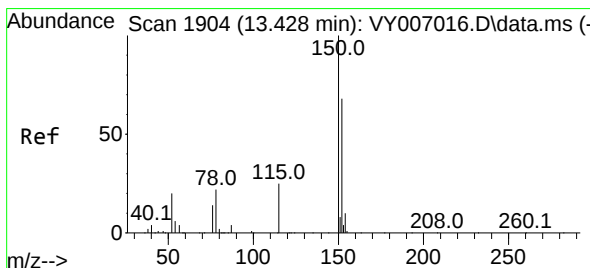
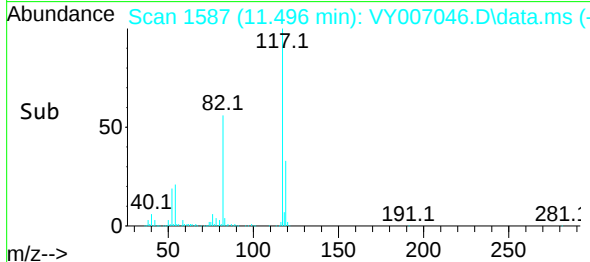
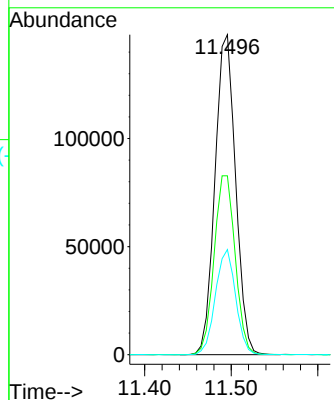
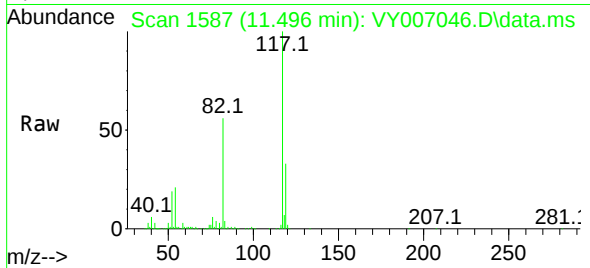




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(2.5-3)

Tgt Ion:117 Resp: 244652
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 32.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007046.D
Acq: 06 Jan 2022 20:37

Tgt Ion:152 Resp: 110554
Ion Ratio Lower Upper
152 100
115 61.9 31.9 95.5
150 157.0 0.0 358.0

