

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007430.D
 Acq On : 08 Feb 2022 13:59
 Operator : SY/MD
 Sample : N1432-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: Feb 09 00:54:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	101922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	177977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62831	53.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.180%
35) Dibromofluoromethane	7.722	113	62533	51.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.620%
50) Toluene-d8	10.179	98	232444	51.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.483	95	78208	51.106	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.220%

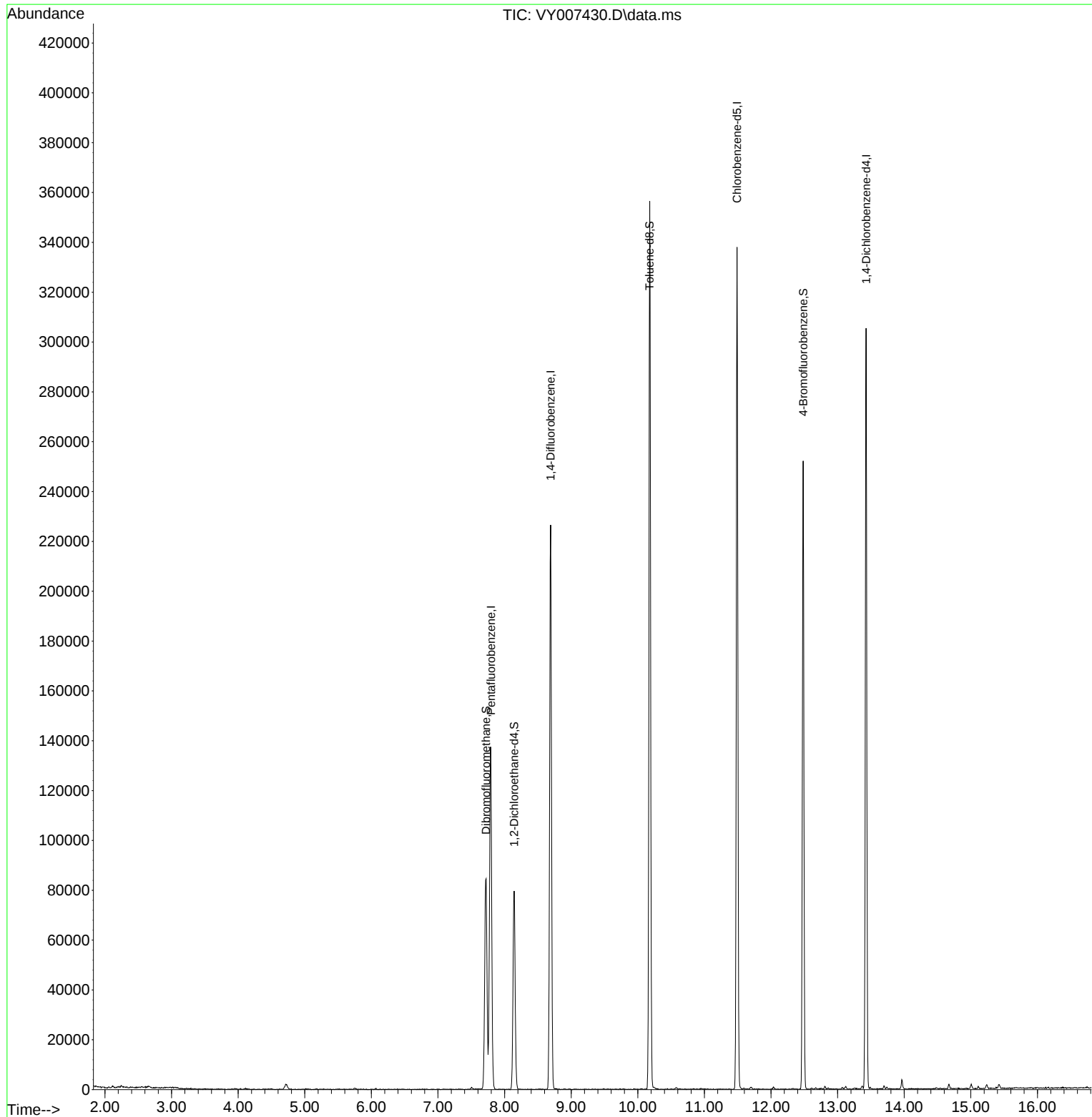
Target Compounds	Qvalue

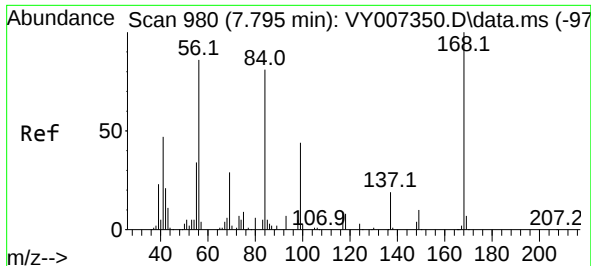
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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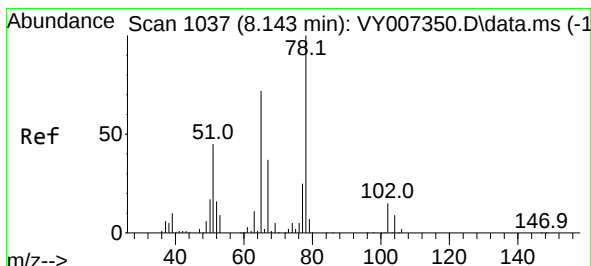
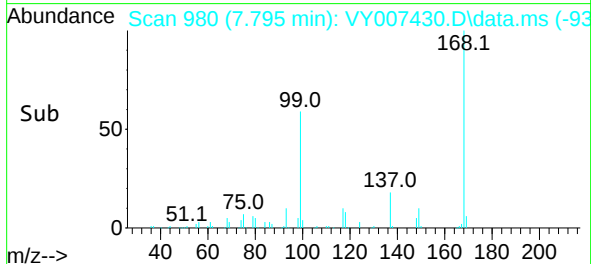
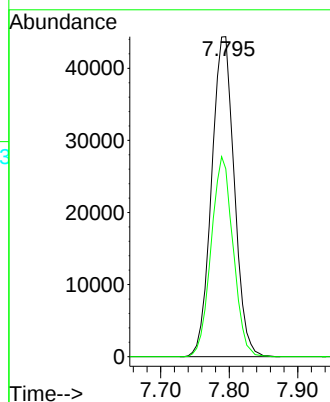
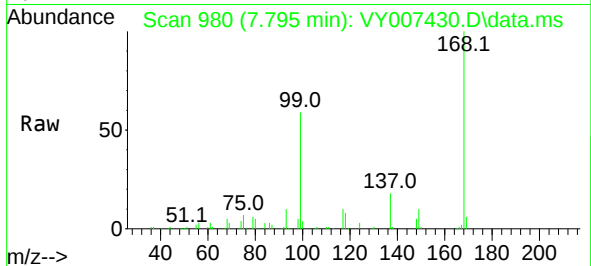




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007430.D
Acq: 08 Feb 2022 13:59

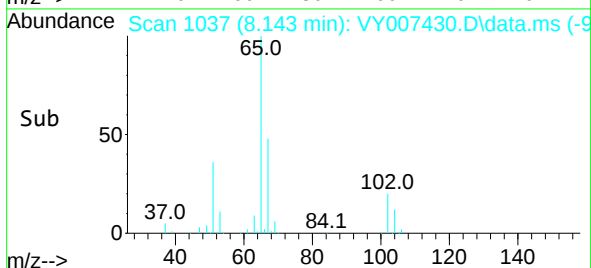
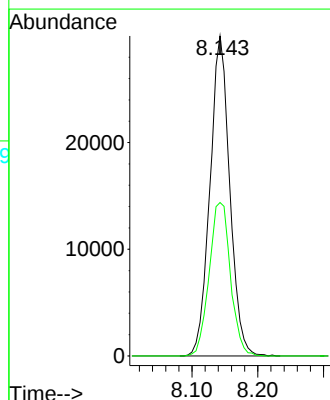
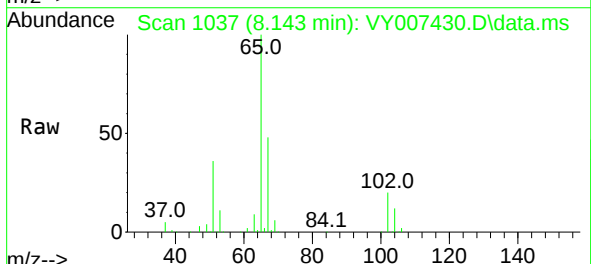
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

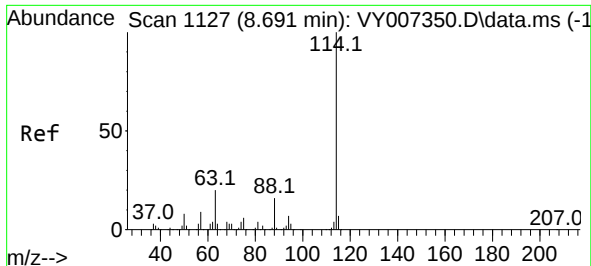
Tgt Ion:168 Resp: 101922
Ion Ratio Lower Upper
168 100
99 58.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.594 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007430.D
Acq: 08 Feb 2022 13:59

Tgt Ion: 65 Resp: 62831
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007430.D

Acq: 08 Feb 2022 13:59

Instrument :

MSVOA_Y

ClientSampleId :

SP-1

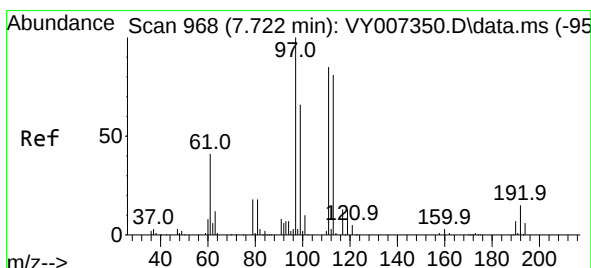
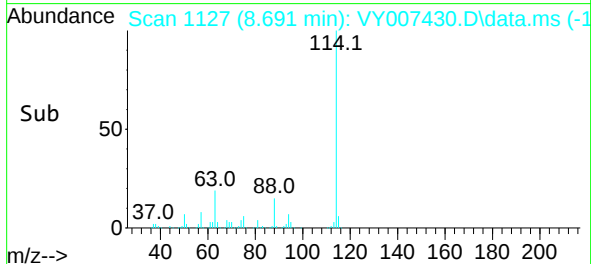
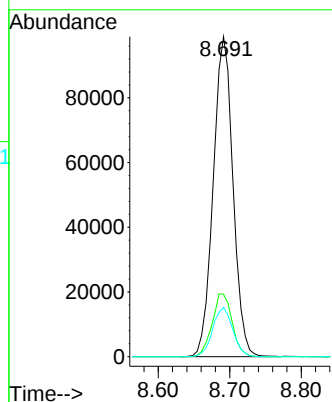
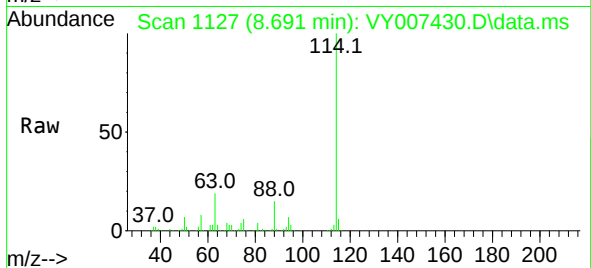
Tgt Ion:114 Resp: 189782

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.313 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007430.D

Acq: 08 Feb 2022 13:59

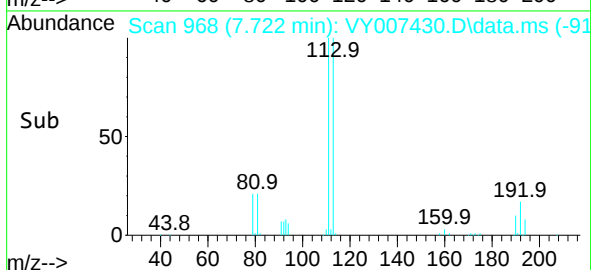
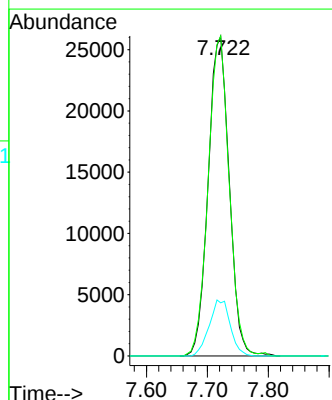
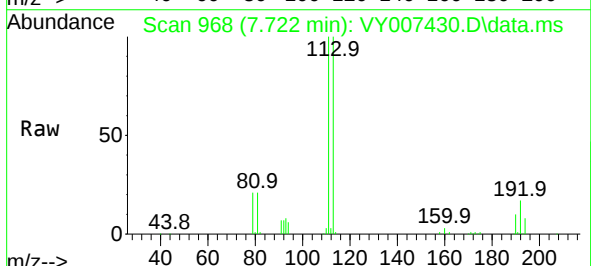
Tgt Ion:113 Resp: 62533

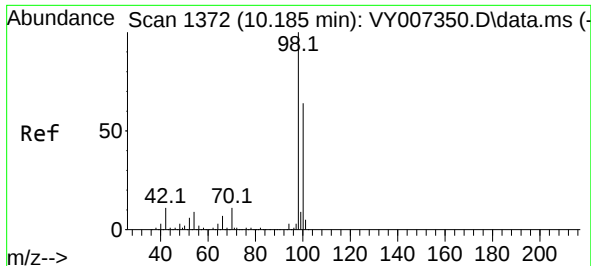
Ion Ratio Lower Upper

113 100

111 100.3 82.6 124.0

192 17.6 17.6 26.4#

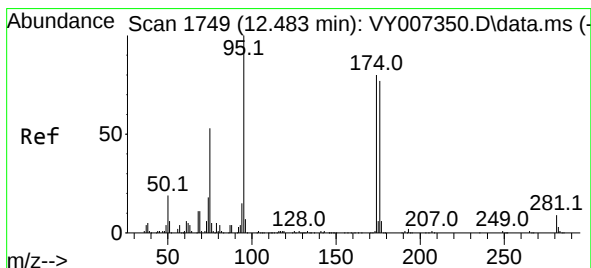
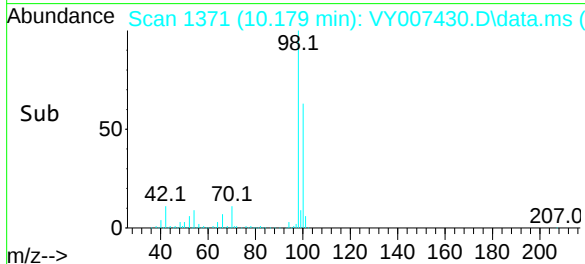
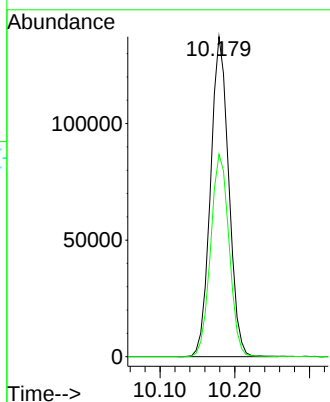
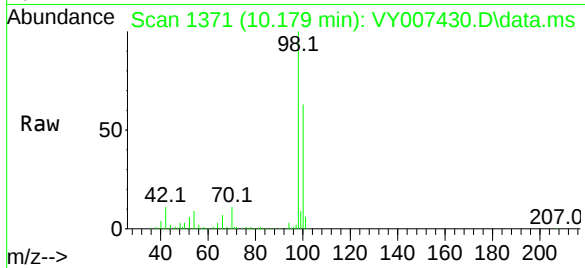




#50
Toluene-d8
Concen: 51.627 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007430.D
Acq: 08 Feb 2022 13:59

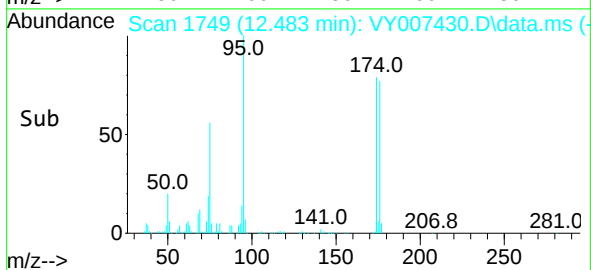
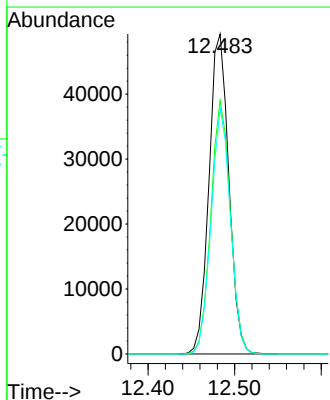
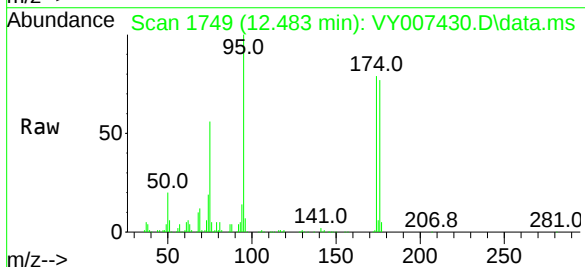
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

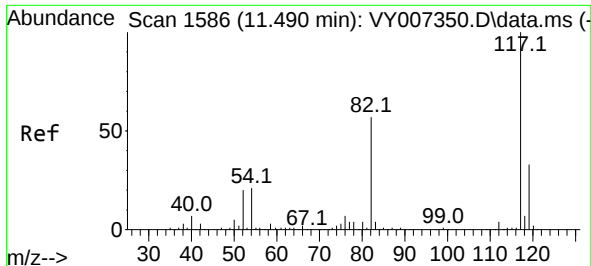
Tgt Ion: 98 Resp: 232444
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.106 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007430.D
Acq: 08 Feb 2022 13:59

Tgt Ion: 95 Resp: 78208
Ion Ratio Lower Upper
95 100
174 78.2 0.0 177.0
176 74.8 0.0 175.8

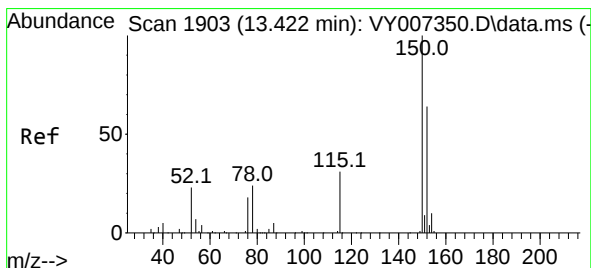
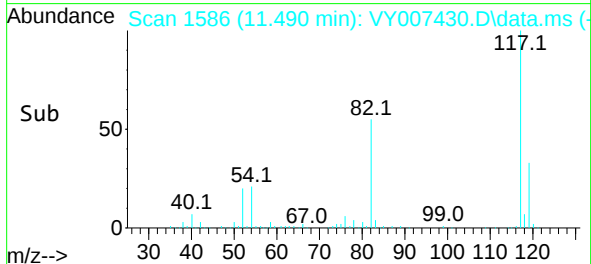
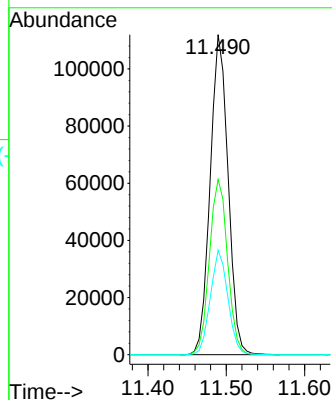
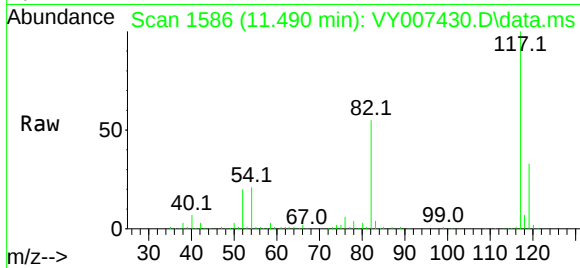




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007430.D
Acq: 08 Feb 2022 13:59

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Tgt Ion:117 Resp: 177977
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007430.D
Acq: 08 Feb 2022 13:59

Tgt Ion:152 Resp: 73391
Ion Ratio Lower Upper
152 100
115 62.4 28.2 84.7
150 157.8 0.0 347.6

