

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009858.D
 Acq On : 05 Aug 2022 18:10
 Operator : KP/MD
 Sample : N4023-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-1-6

Quant Time: Aug 06 01:20:33 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	2640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	3690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1210	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1196	55.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.620%
35) Dibromofluoromethane	7.703	113	422	17.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	34.060%#
50) Toluene-d8	10.179	98	3843	53.297	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	106.600%
62) 4-Bromofluorobenzene	12.477	95	836	24.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	49.840%#

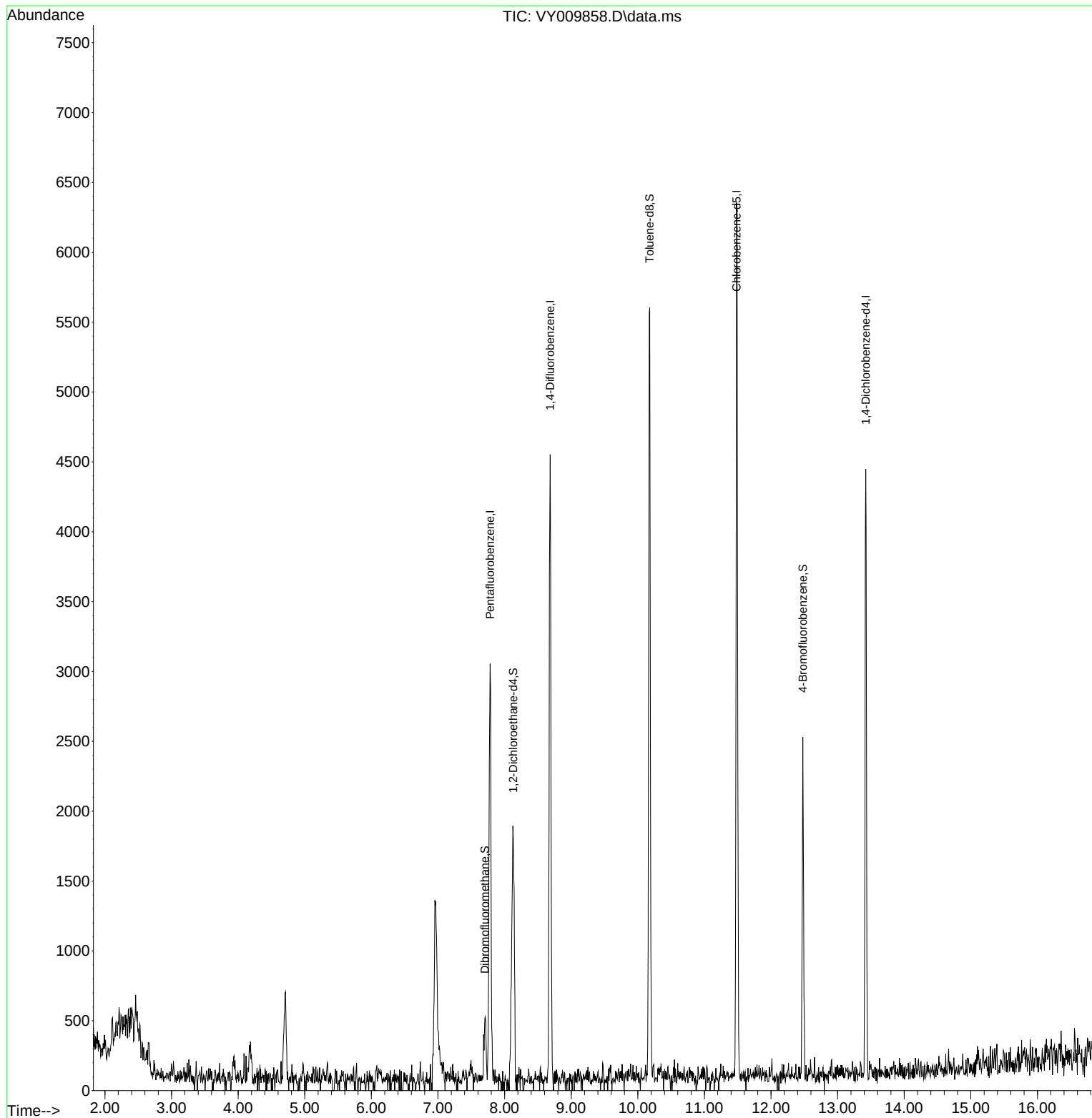
Target Compounds	Qvalue

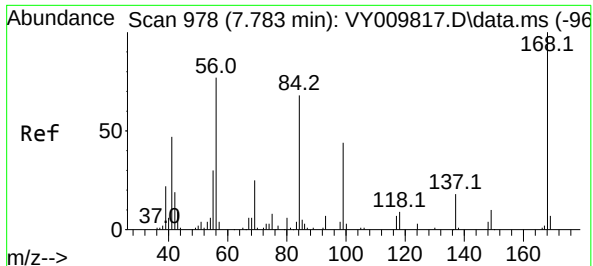
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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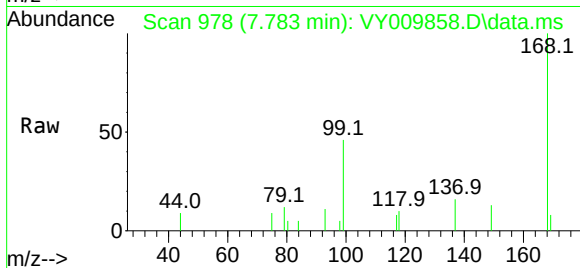
Quant Time: Aug 06 01:20:33 2022
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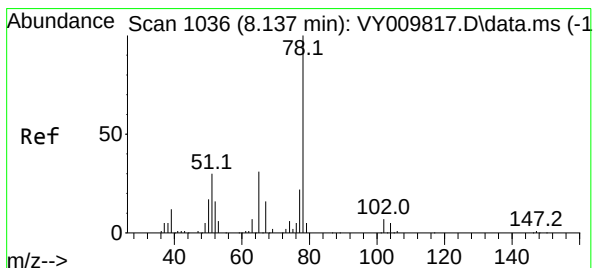
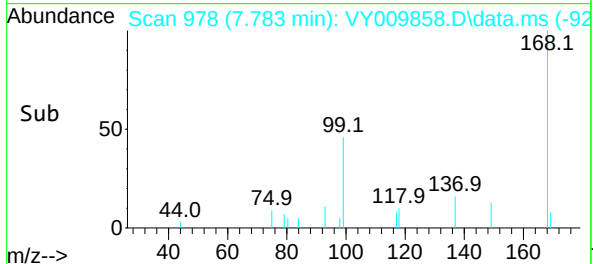
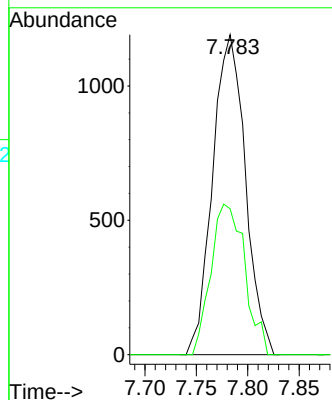


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009858.D
Acq: 05 Aug 2022 18:10

Instrument :
MSVOA_Y
ClientSampleId :
TP1-1-6

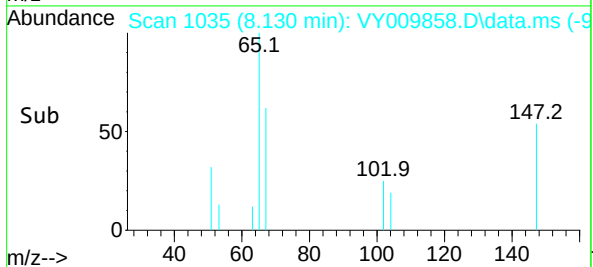
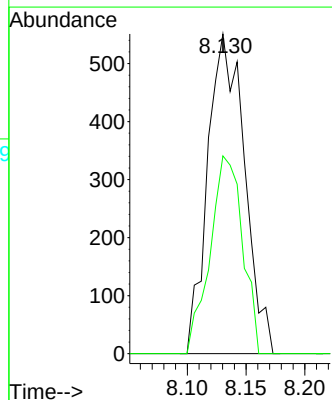
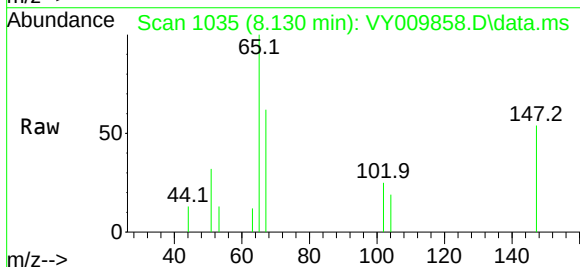


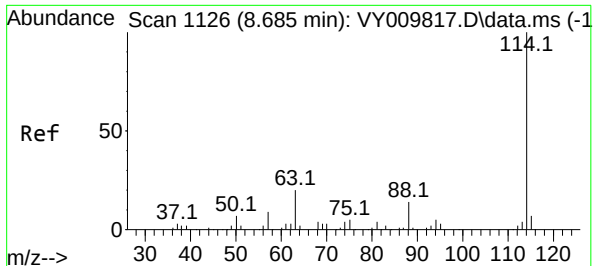
Tgt Ion:168 Resp: 2640
Ion Ratio Lower Upper
168 100
99 45.6 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 55.814 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009858.D
Acq: 05 Aug 2022 18:10

Tgt Ion: 65 Resp: 1196
Ion Ratio Lower Upper
65 100
67 54.7 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: VY009858.D

Acq: 05 Aug 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

TP1-1-6

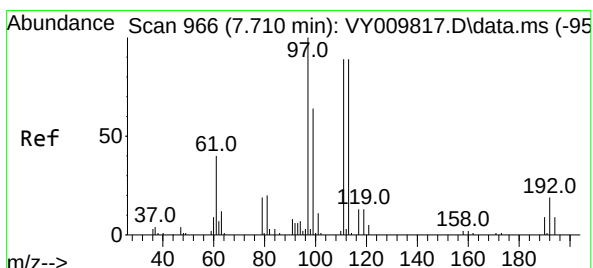
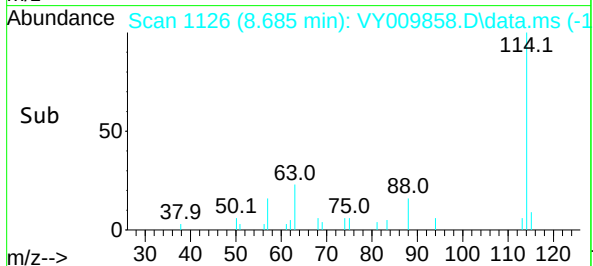
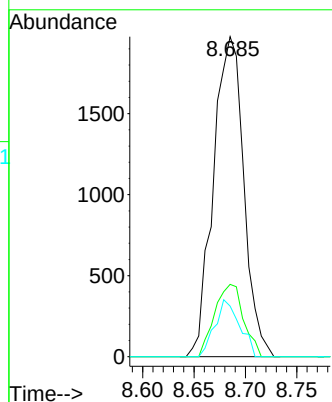
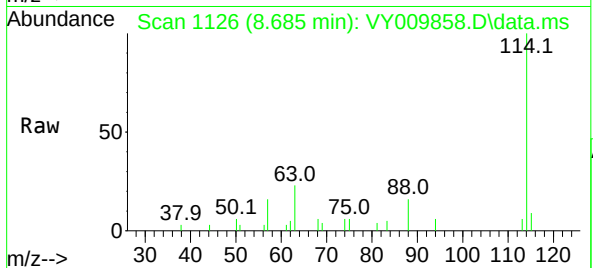
Tgt Ion:114 Resp: 4063

Ion Ratio Lower Upper

114 100

63 22.6 0.0 39.2

88 15.8 0.0 27.6



#35

Dibromofluoromethane

Concen: 17.035 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009858.D

Acq: 05 Aug 2022 18:10

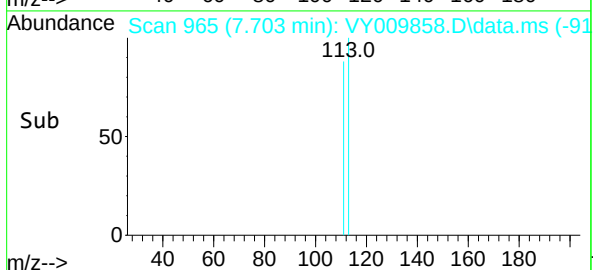
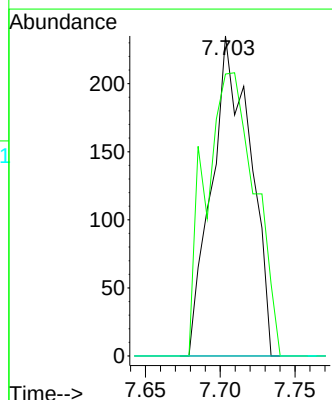
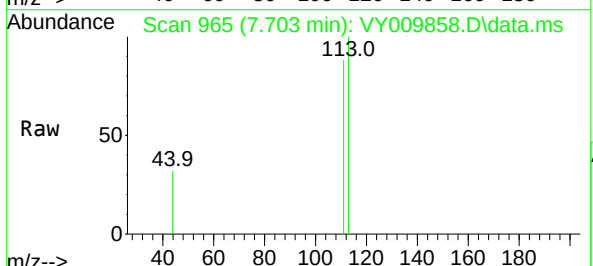
Tgt Ion:113 Resp: 422

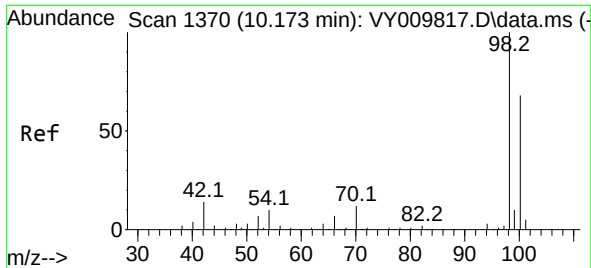
Ion Ratio Lower Upper

113 100

111 112.8 82.4 123.6

192 0.0 16.5 24.7#

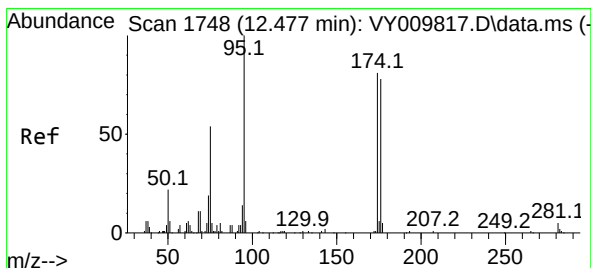
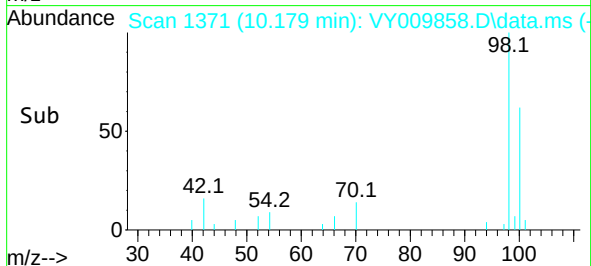
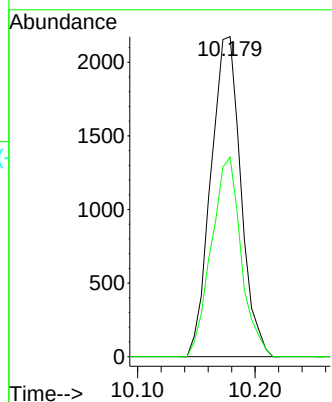
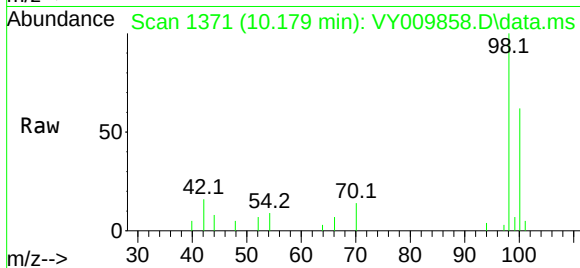




#50
Toluene-d8
Concen: 53.297 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009858.D
Acq: 05 Aug 2022 18:10

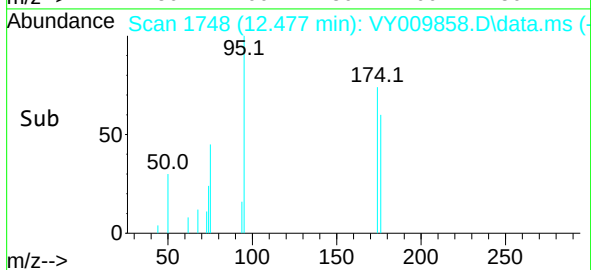
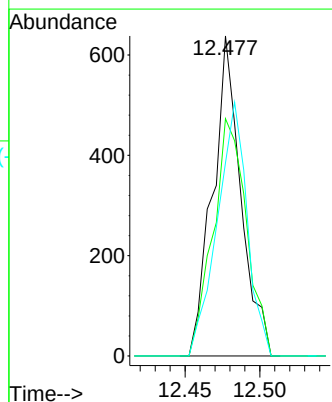
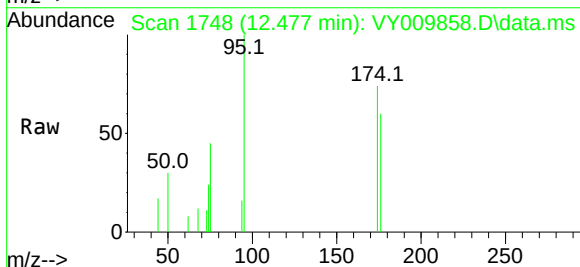
Instrument :
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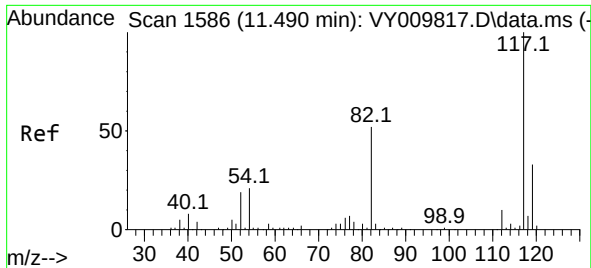
Tgt Ion: 98 Resp: 3843
Ion Ratio Lower Upper
98 100
100 62.0 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 24.922 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009858.D
Acq: 05 Aug 2022 18:10

Tgt Ion: 95 Resp: 836
Ion Ratio Lower Upper
95 100
174 87.8 0.0 168.6
176 84.1 0.0 163.6

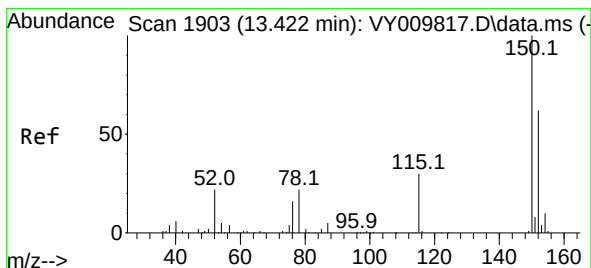
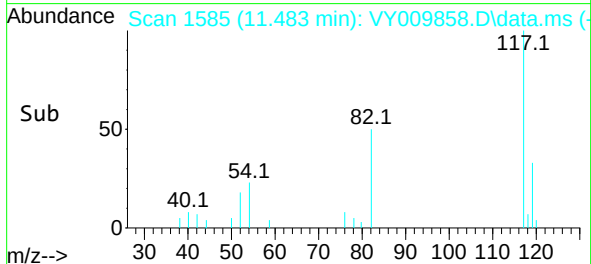
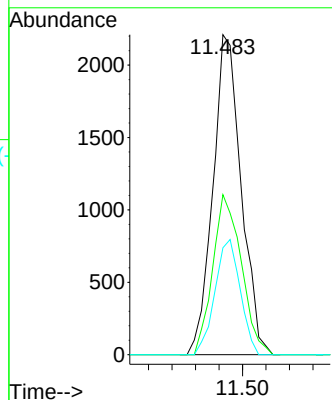
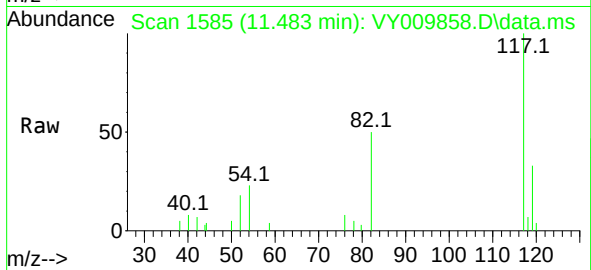




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009858.D
Acq: 05 Aug 2022 18:10

Instrument :
MSVOA_Y
ClientSampleId :
TP1-1-6

Tgt Ion:117	Resp:	3690
Ion	Ratio	Lower Upper
117	100	
82	50.0	41.7 62.5
119	33.4	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: VY009858.D
Acq: 05 Aug 2022 18:10

Tgt Ion:152	Resp:	1210
Ion	Ratio	Lower Upper
152	100	
115	52.1	28.9 86.7
150	155.6	0.0 354.2

