

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009860.D
 Acq On : 05 Aug 2022 18:58
 Operator : KP/MD
 Sample : N4023-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-1-6

Quant Time: Aug 06 01:21:10 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	2296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	3655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1537	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1353	74.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.360%
35) Dibromofluoromethane	7.710	113	445	19.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.940%#
50) Toluene-d8	10.179	98	3204	48.808	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.471	95	1020	33.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	67.600%

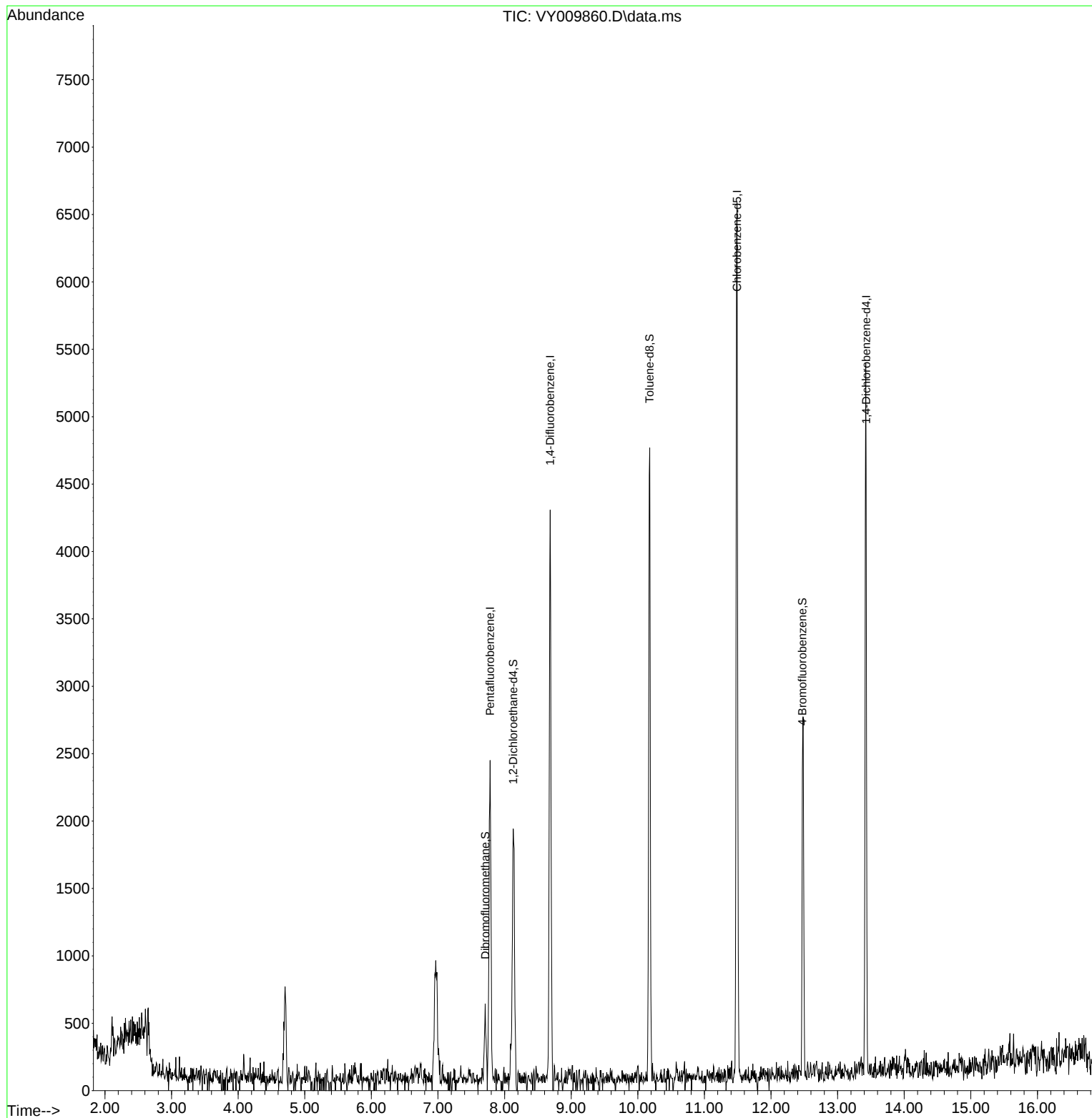
Target Compounds	Qvalue

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

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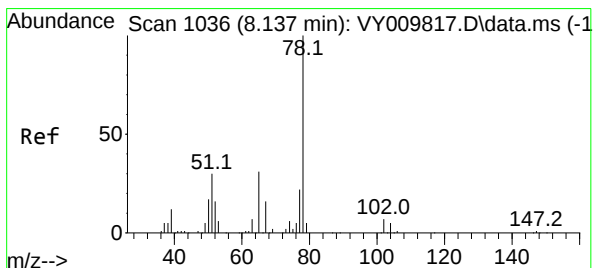
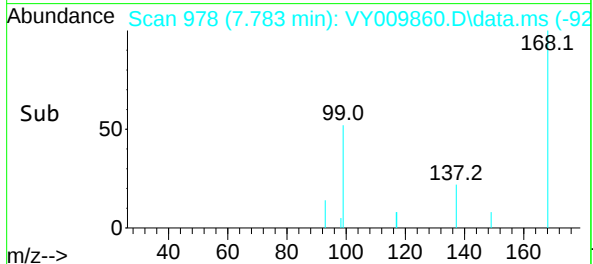
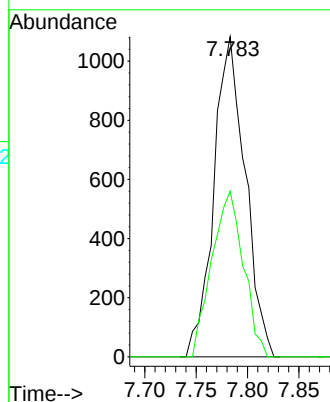
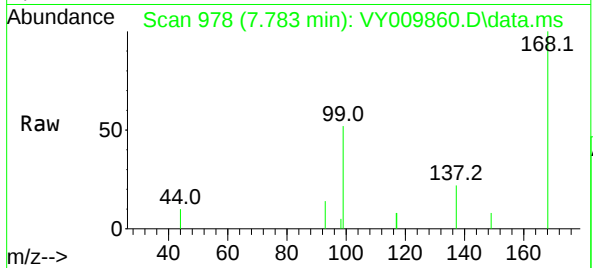




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

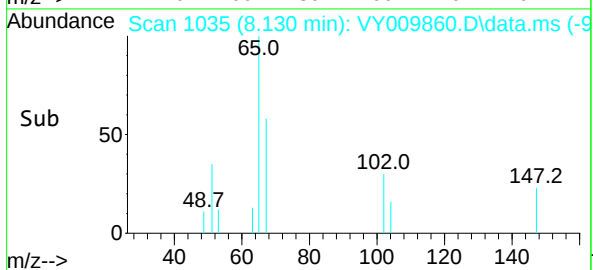
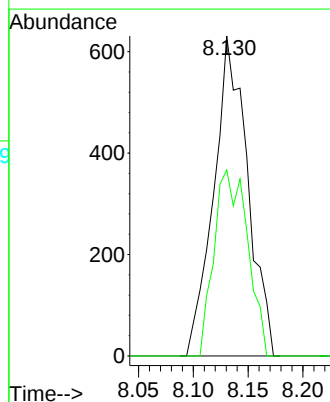
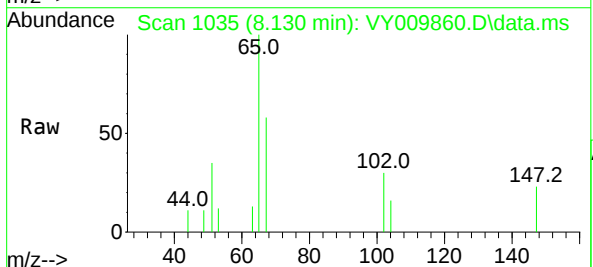
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6

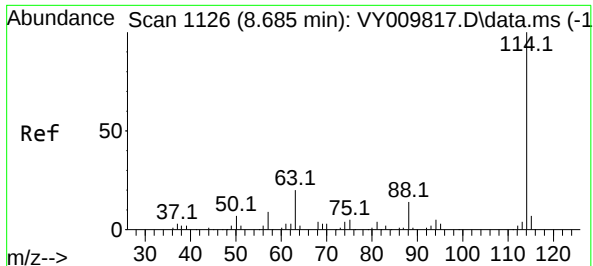
Tgt Ion:168 Resp: 2296
Ion Ratio Lower Upper
168 100
99 51.7 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 74.681 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

Tgt Ion: 65 Resp: 1353
Ion Ratio Lower Upper
65 100
67 57.4 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: VY009860.D

Acq: 05 Aug 2022 18:58

Instrument :

MSVOA_Y

ClientSampleId :

TP3-1-6

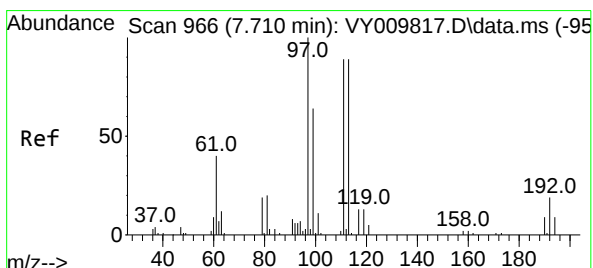
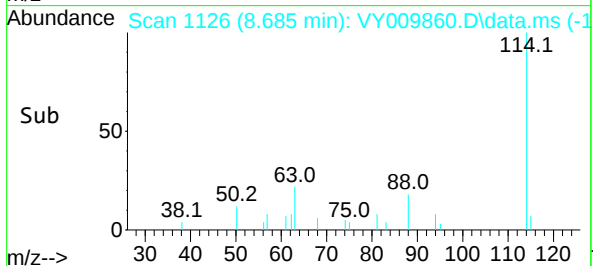
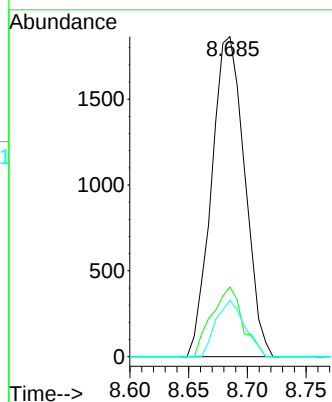
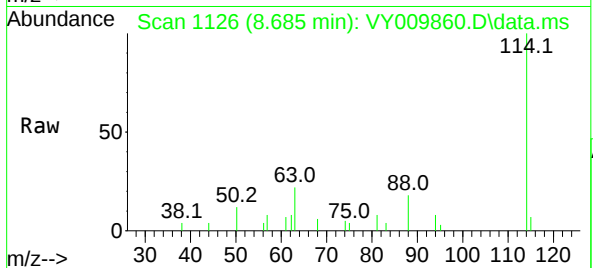
Tgt Ion:114 Resp: 3655

Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.2

88 17.6 0.0 27.6



#35

Dibromofluoromethane

Concen: 19.969 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009860.D

Acq: 05 Aug 2022 18:58

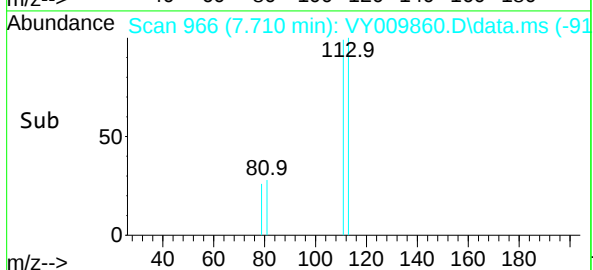
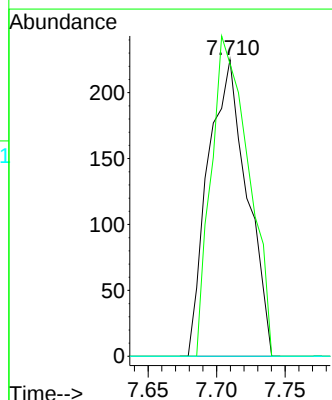
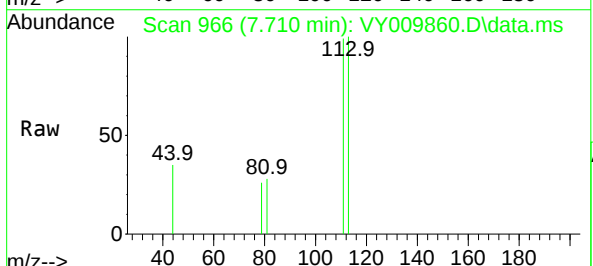
Tgt Ion:113 Resp: 445

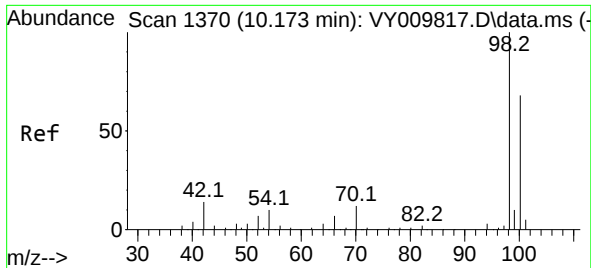
Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 0.0 16.5 24.7#

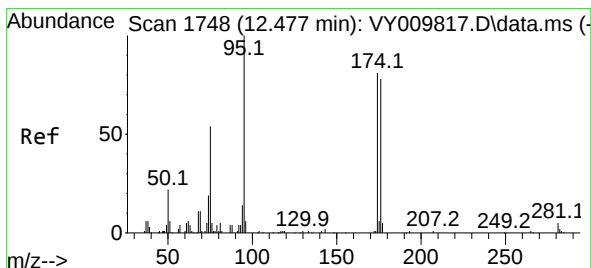
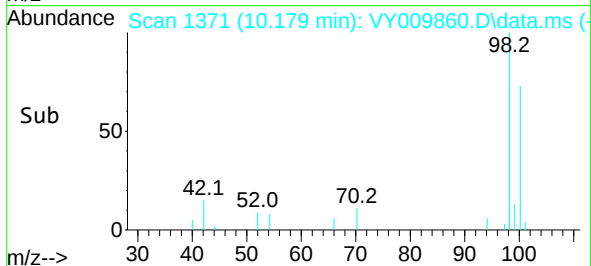
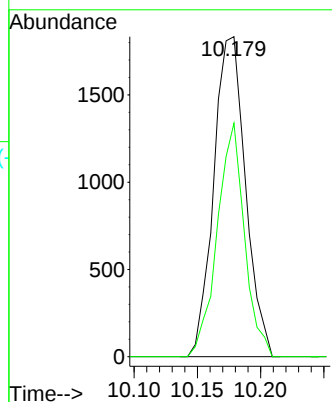
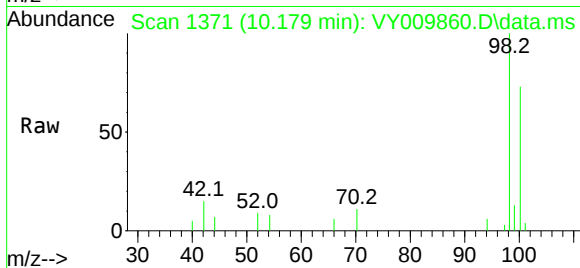




#50
Toluene-d8
Concen: 48.808 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

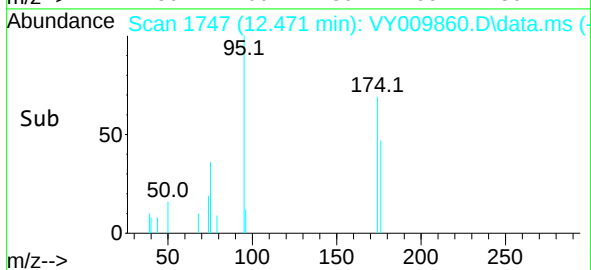
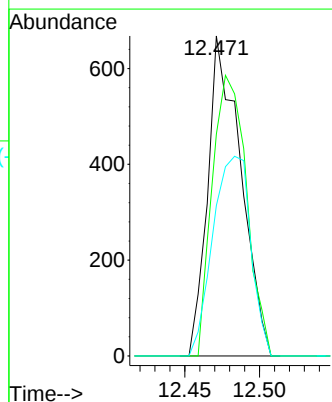
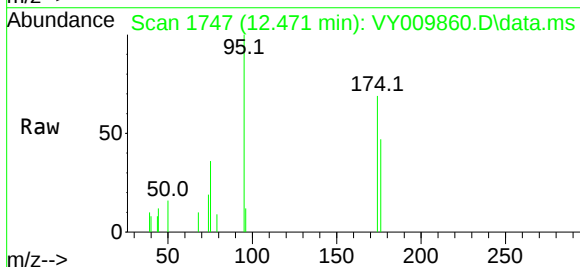
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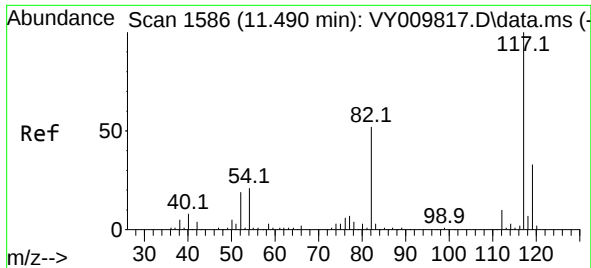
Tgt Ion: 98 Resp: 3204
Ion Ratio Lower Upper
98 100
100 62.5 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 33.801 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.006 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

Tgt Ion: 95 Resp: 1020
Ion Ratio Lower Upper
95 100
174 91.2 0.0 168.6
176 71.8 0.0 163.6

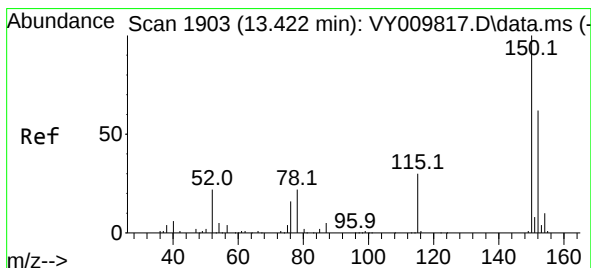
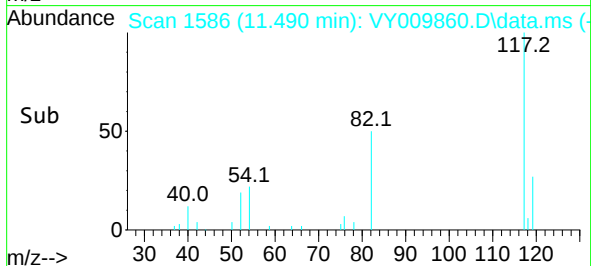
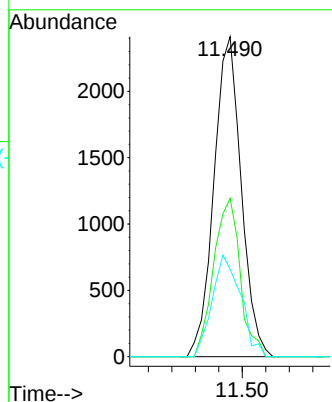
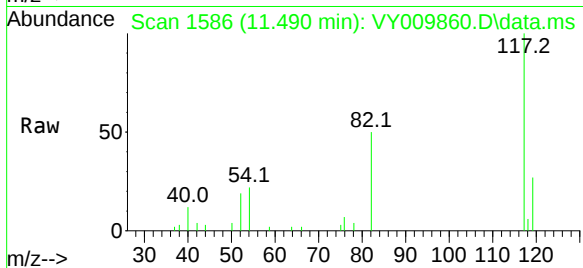




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6

Tgt Ion:117 Resp: 3885
Ion Ratio Lower Upper
117 100
82 49.5 41.7 62.5
119 27.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

Tgt Ion:152 Resp: 1537
Ion Ratio Lower Upper
152 100
115 54.2 28.9 86.7
150 151.1 0.0 354.2

