

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009014.D
 Acq On : 23 May 2022 18:15
 Operator : KP/MD
 Sample : N2959-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 284

Quant Time: May 24 01:50:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	86385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	156929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	153014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65859	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	59723	67.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.360%
35) Dibromofluoromethane	7.710	113	52695	53.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.000%
50) Toluene-d8	10.173	98	196468	54.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.140%
62) 4-Bromofluorobenzene	12.477	95	57632	39.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.380%

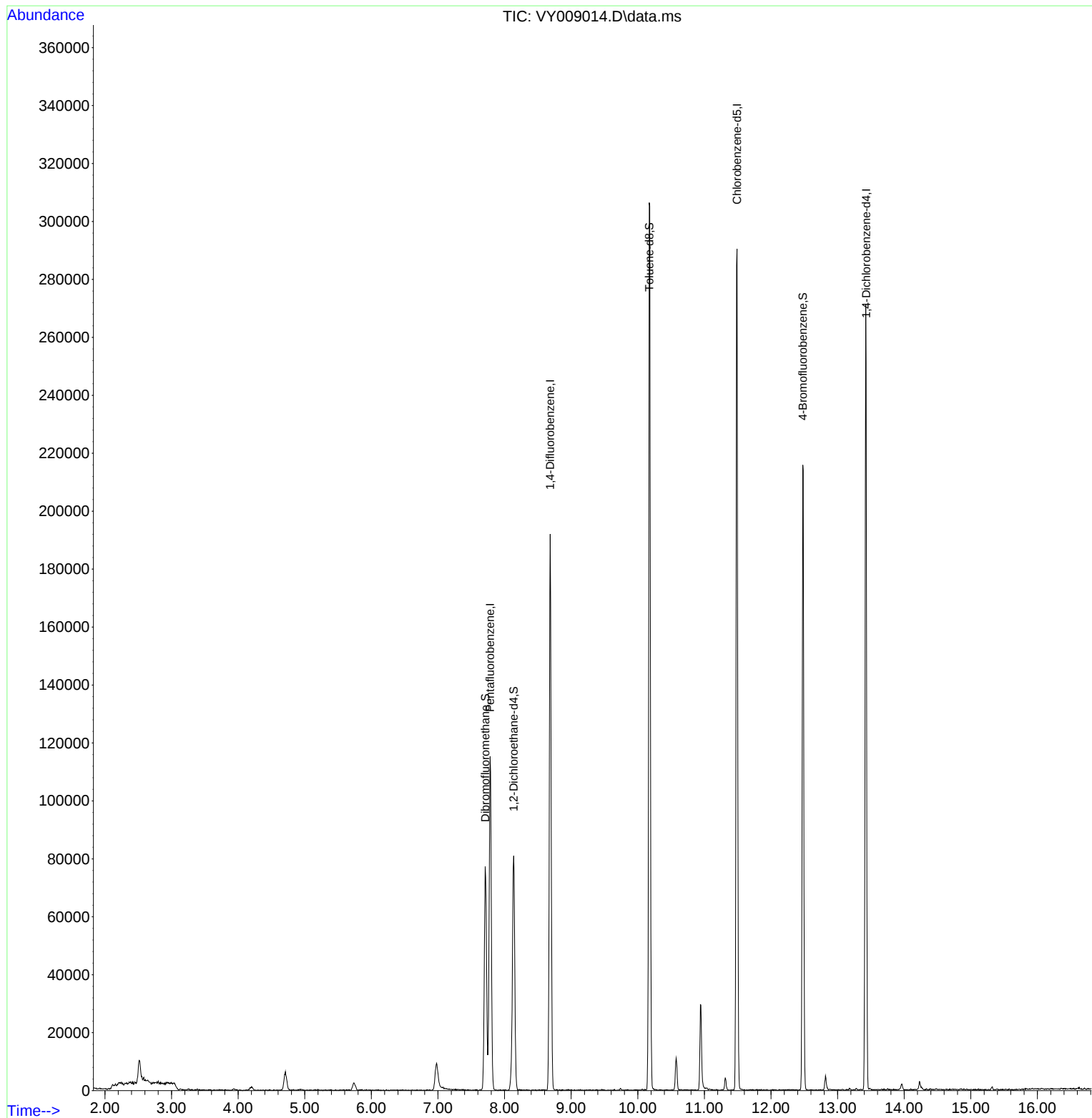
Target Compounds	Qvalue

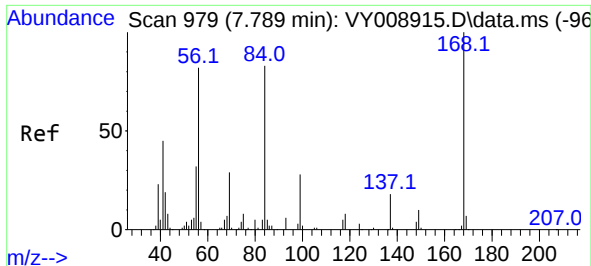
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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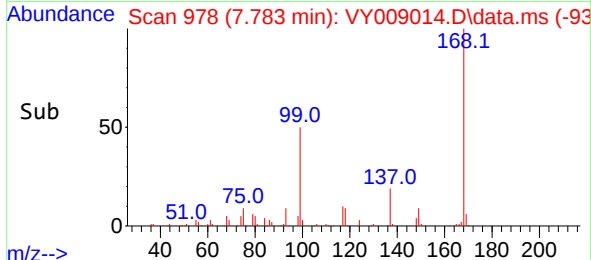
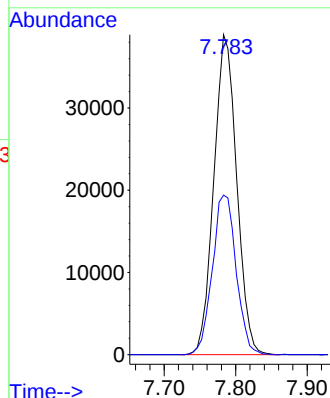
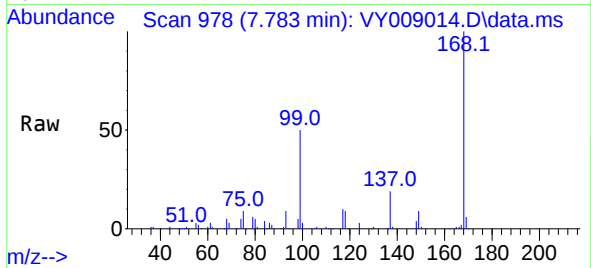




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

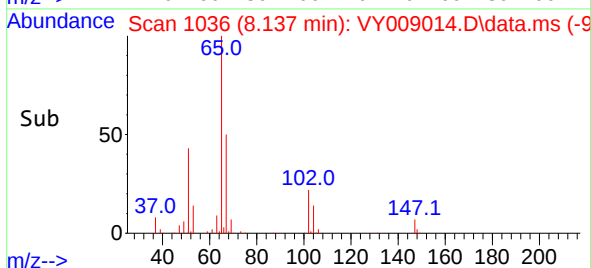
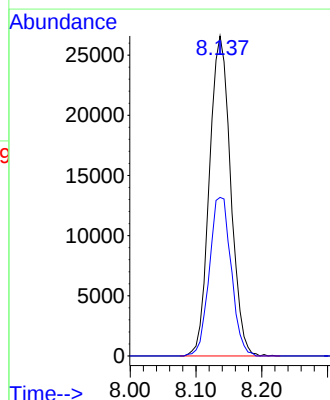
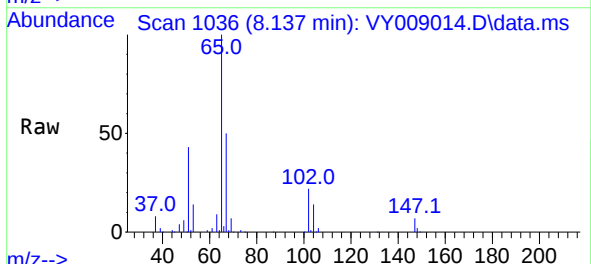
Instrument :
MSVOA_Y
ClientSampleId :
284

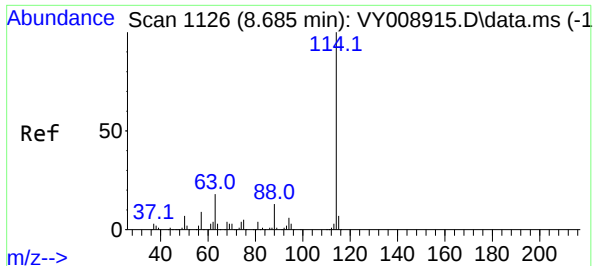
Tgt Ion:168 Resp: 86385
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.175 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

Tgt Ion: 65 Resp: 59723
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009014.D

Acq: 23 May 2022 18:15

Instrument :

MSVOA_Y

ClientSampleId :

284

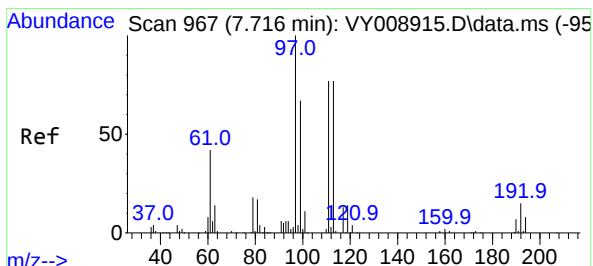
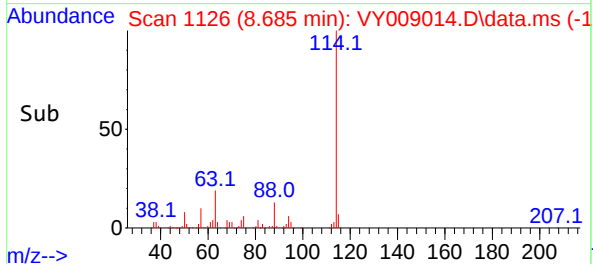
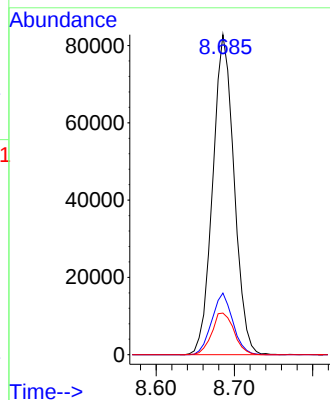
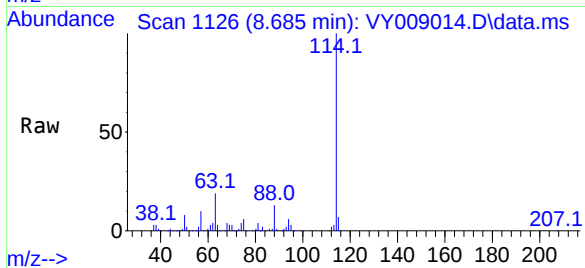
Tgt Ion:114 Resp: 156929

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.999 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY009014.D

Acq: 23 May 2022 18:15

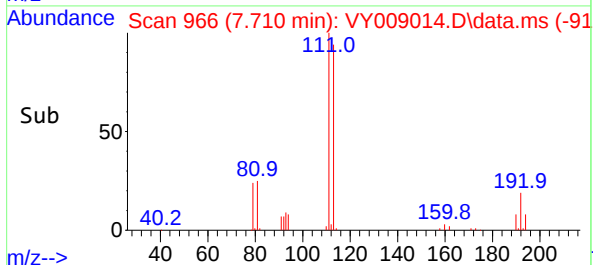
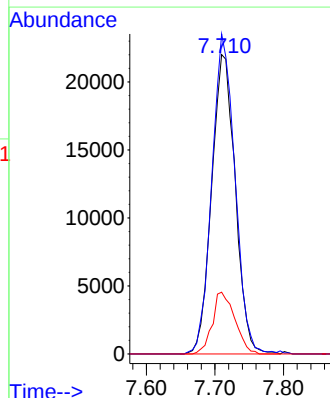
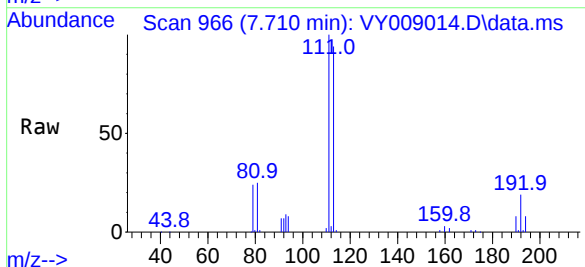
Tgt Ion:113 Resp: 52695

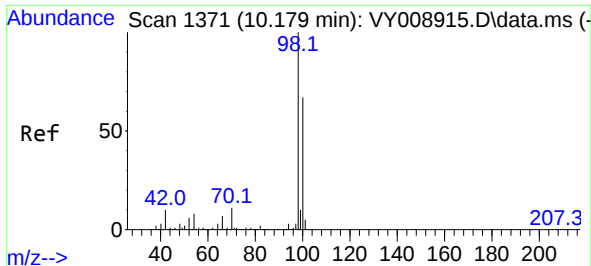
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 19.6 17.6 26.4

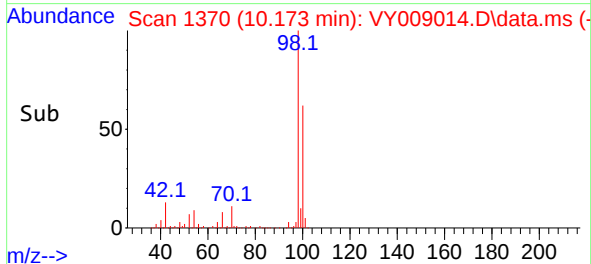
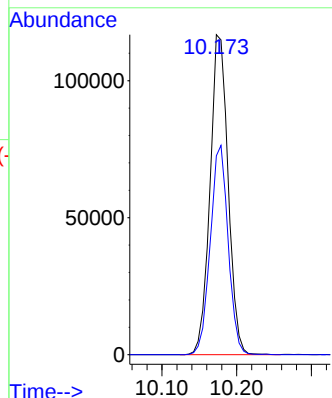
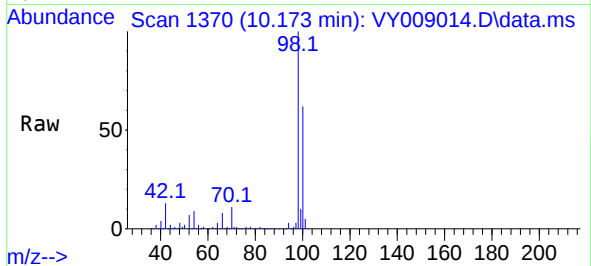




#50
Toluene-d8
Concen: 54.574 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

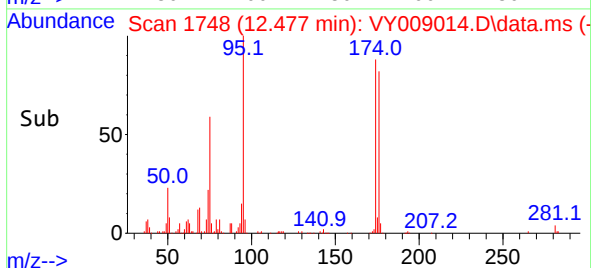
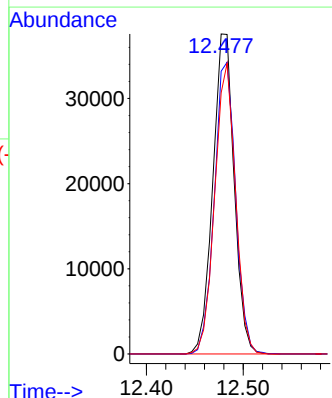
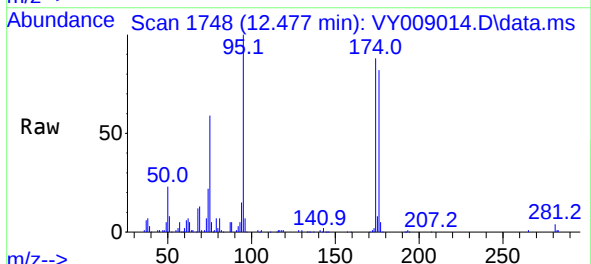
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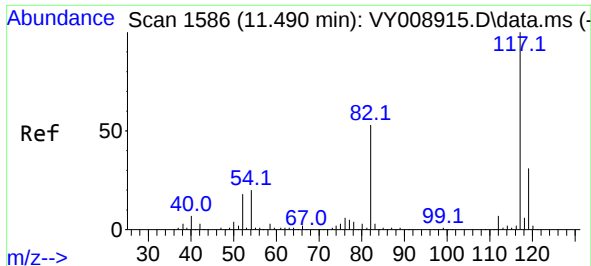
Tgt Ion: 98 Resp: 196468
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.685 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

Tgt Ion: 95 Resp: 57632
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 88.2 0.0 175.8

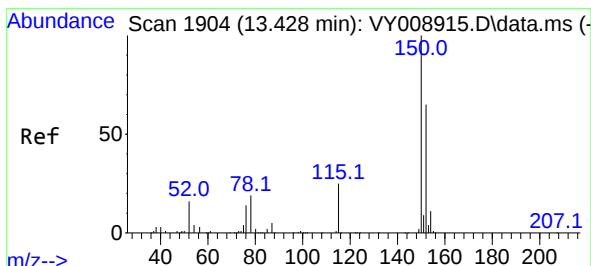
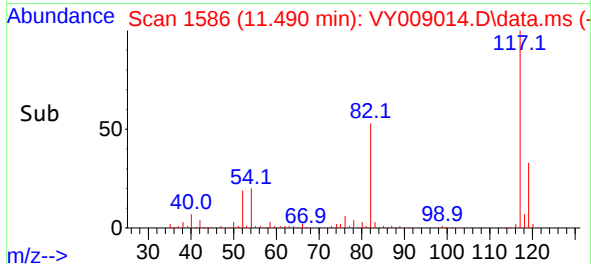
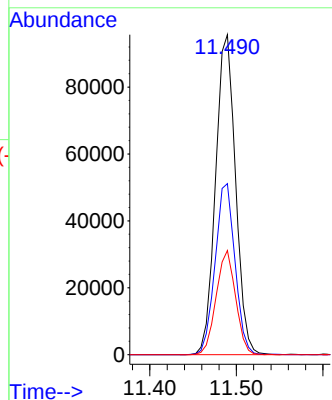
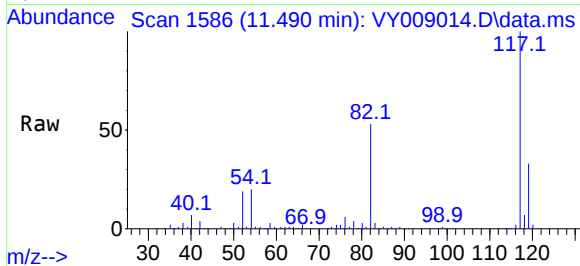




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
284

Tgt Ion:117 Resp: 153014
Ion Ratio Lower Upper
117 100
82 53.5 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. 0.000 min
Lab File: VY009014.D
Acq: 23 May 2022 18:15

Tgt Ion:152 Resp: 65859
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 156.8 0.0 347.6

