

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009086.D
 Acq On : 25 May 2022 13:45
 Operator : KP/MD
 Sample : N2981-14
 Misc : 3.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9(4.5-5)

Quant Time: May 26 04:28:10 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	7.789	168	106845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70578	64.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.360%
35) Dibromofluoromethane	7.716	113	62330	51.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.180%
50) Toluene-d8	10.179	98	245903	54.637	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.280%
62) 4-Bromofluorobenzene	12.483	95	68907	37.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.900%

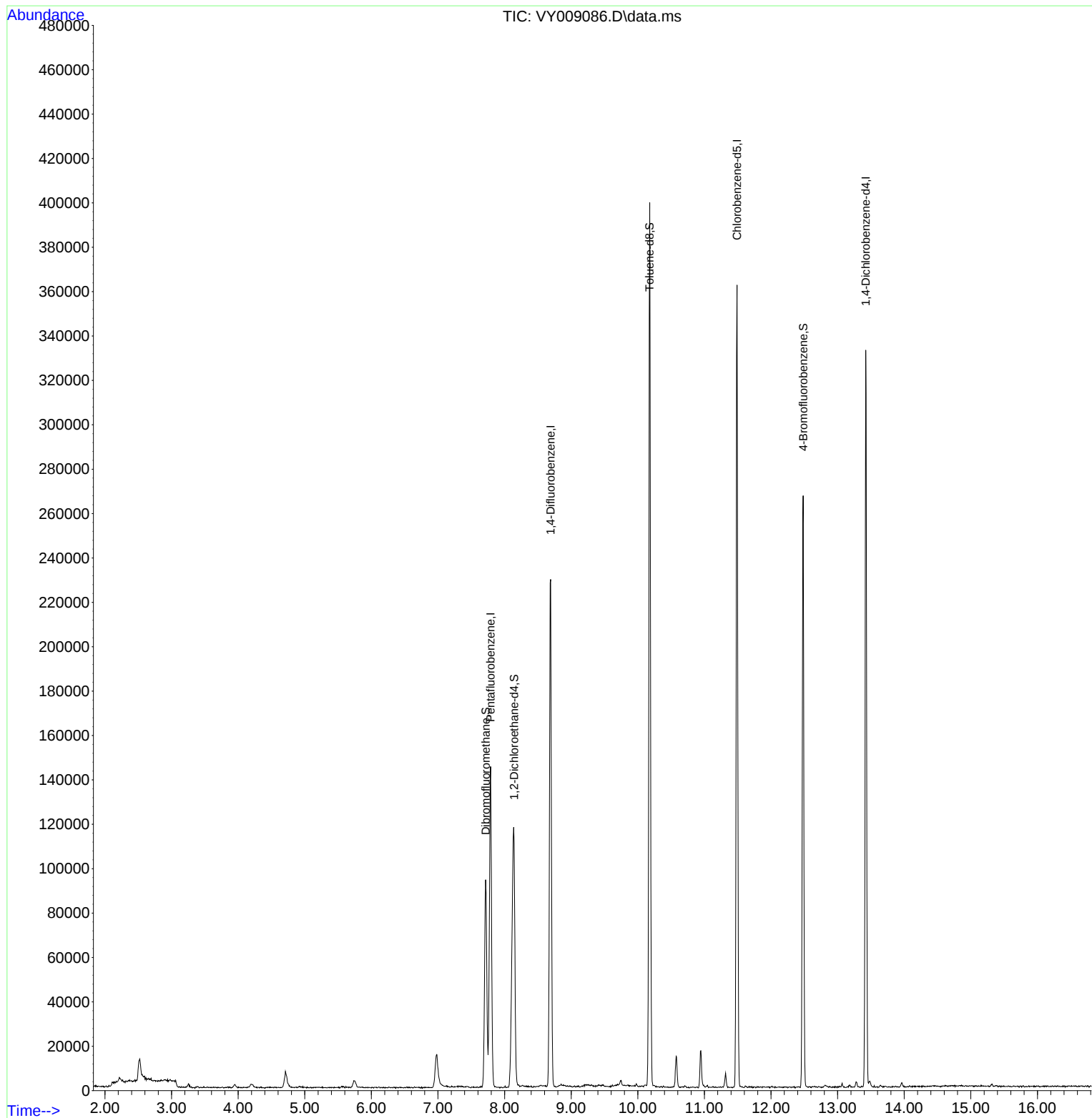
Target Compounds	Qvalue

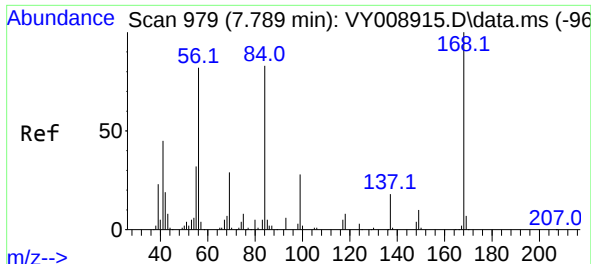
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

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Instrument :

MSVOA_Y

ClientSampleId :

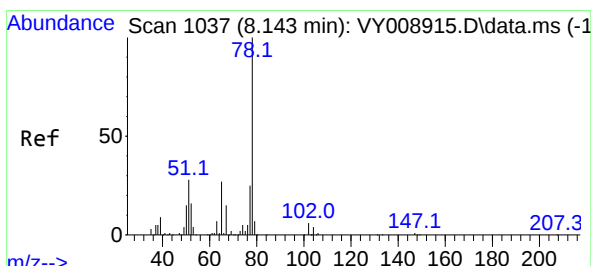
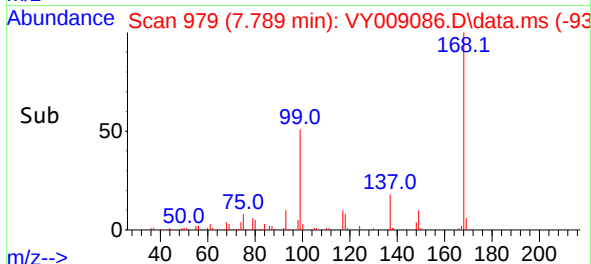
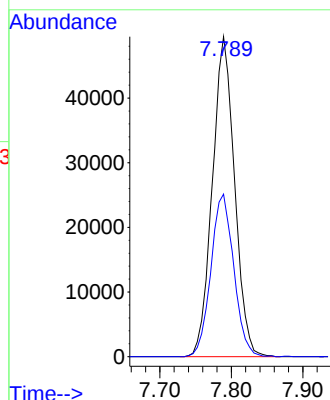
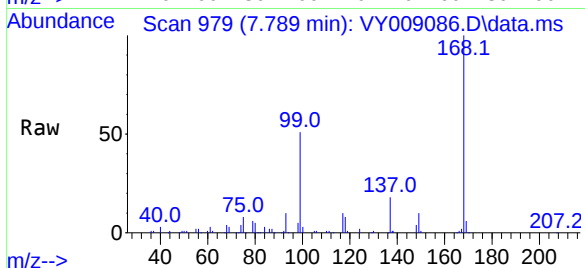
SB-9(4.5-5)

Tgt Ion:168 Resp: 106845

Ion Ratio Lower Upper

168 100

99 50.8 46.9 70.3



#33

1,2-Dichloroethane-d4

Concen: 64.183 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY009086.D

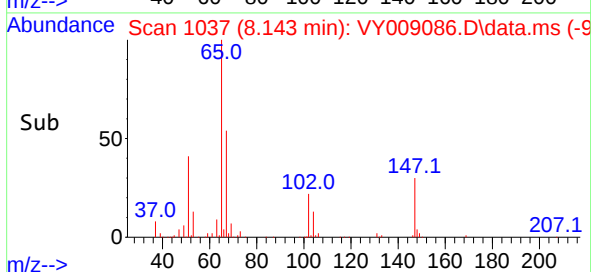
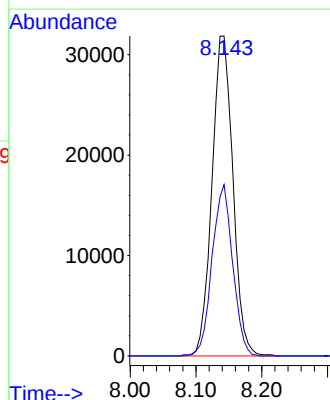
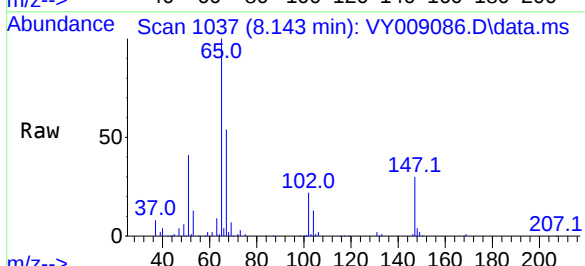
Acq: 25 May 2022 13:45

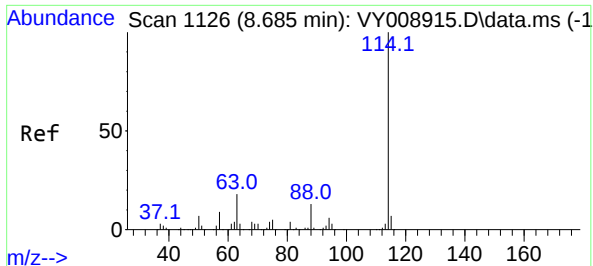
Tgt Ion: 65 Resp: 70578

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4

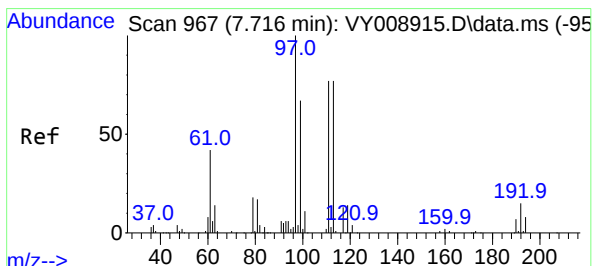
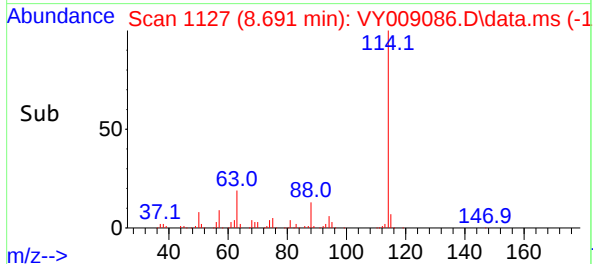
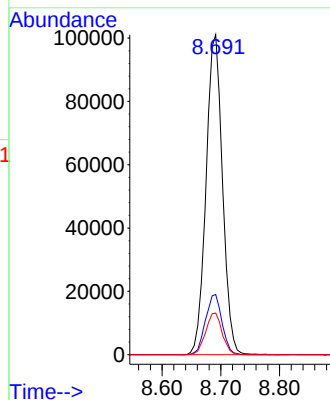
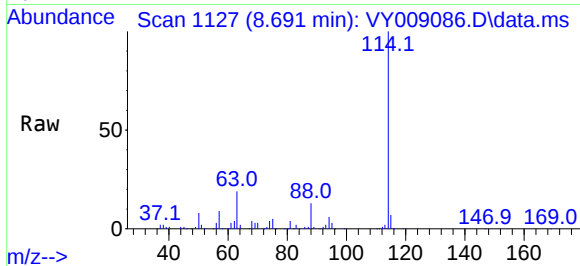




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY009086.D
Acq: 25 May 2022 13:45

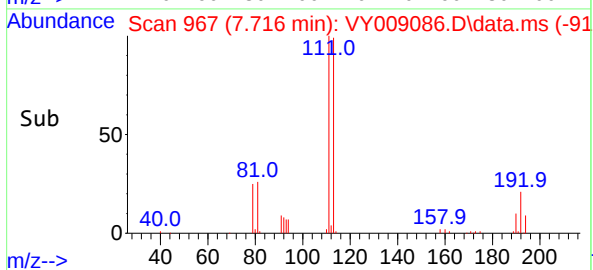
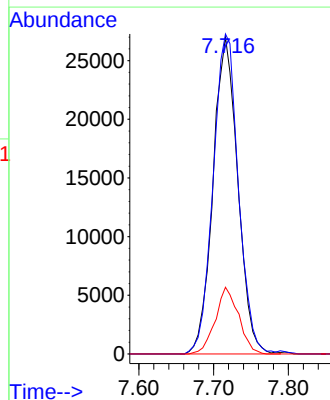
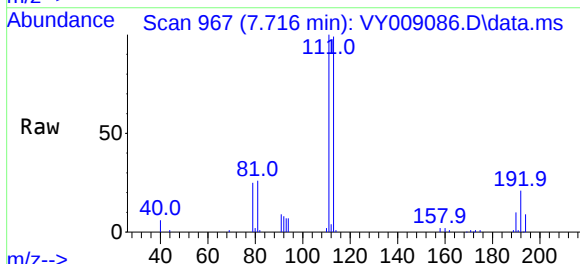
Instrument :
MSVOA_Y
ClientSampleId :
SB-9(4.5-5)

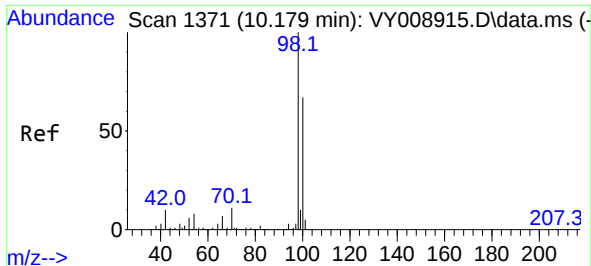
Tgt Ion:114 Resp: 196186
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 13.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.092 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009086.D
Acq: 25 May 2022 13:45

Tgt Ion:113 Resp: 62330
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.8 17.6 26.4

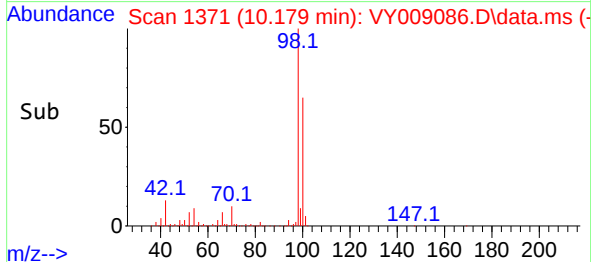
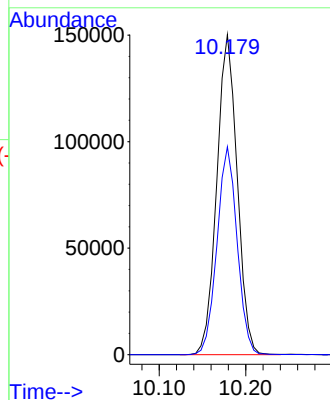
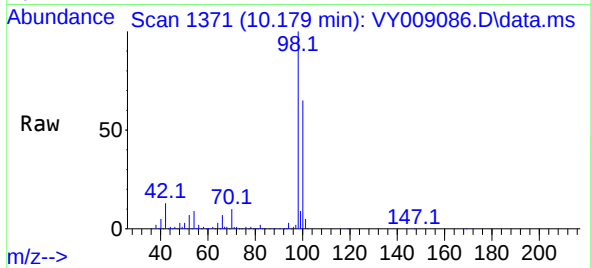




#50
Toluene-d8
Concen: 54.637 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009086.D
Acq: 25 May 2022 13:45

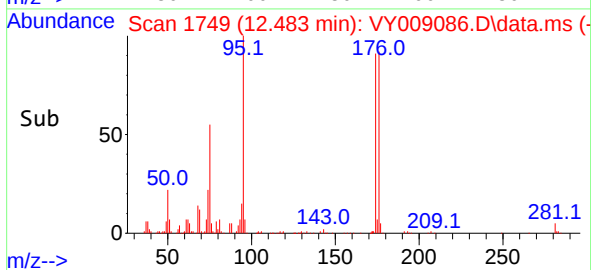
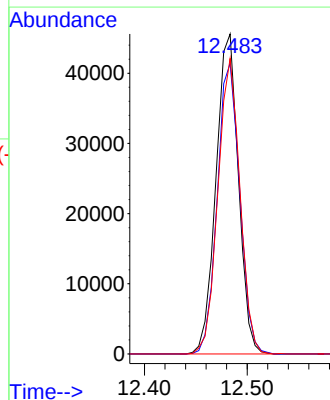
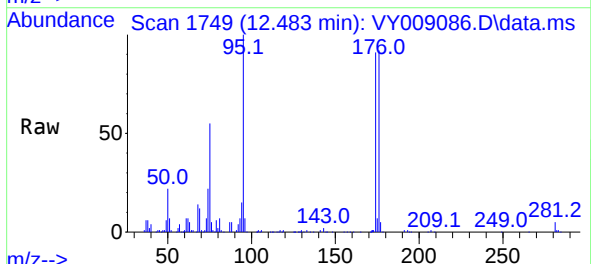
Instrument :
MSVOA_Y
ClientSampleId :
SB-9(4.5-5)

Tgt Ion: 98 Resp: 245903
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.955 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009086.D
Acq: 25 May 2022 13:45

Tgt Ion: 95 Resp: 68907
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 90.7 0.0 175.8

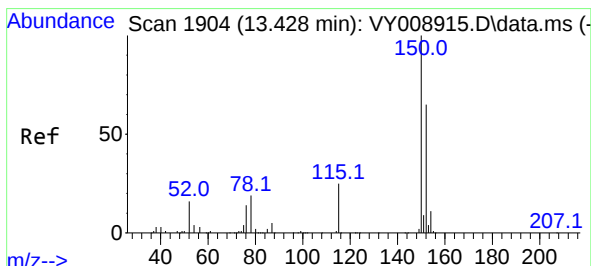
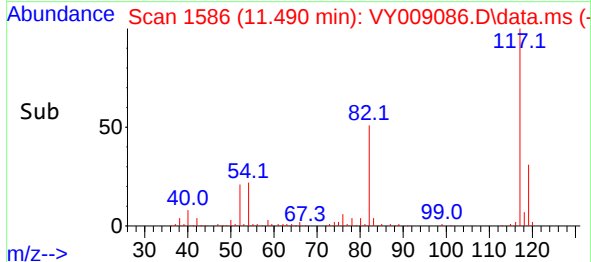
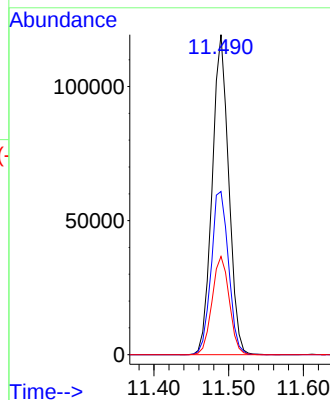
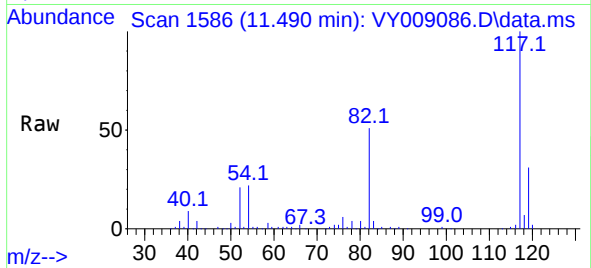




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009086.D
Acq: 25 May 2022 13:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-9(4.5-5)

Tgt Ion:117 Resp: 183219
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 30.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009086.D
Acq: 25 May 2022 13:45

Tgt Ion:152 Resp: 79354
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 156.5 0.0 347.6

