

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009010.D
 Acq On : 23 May 2022 16:41
 Operator : KP/MD
 Sample : N2982-09
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-9

Quant Time: May 24 01:49:19 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	116035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74476	62.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.720%
35) Dibromofluoromethane	7.716	113	68316	53.106	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.220%
50) Toluene-d8	10.179	98	258451	54.460	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.920%
62) 4-Bromofluorobenzene	12.477	95	74515	38.924	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.840%

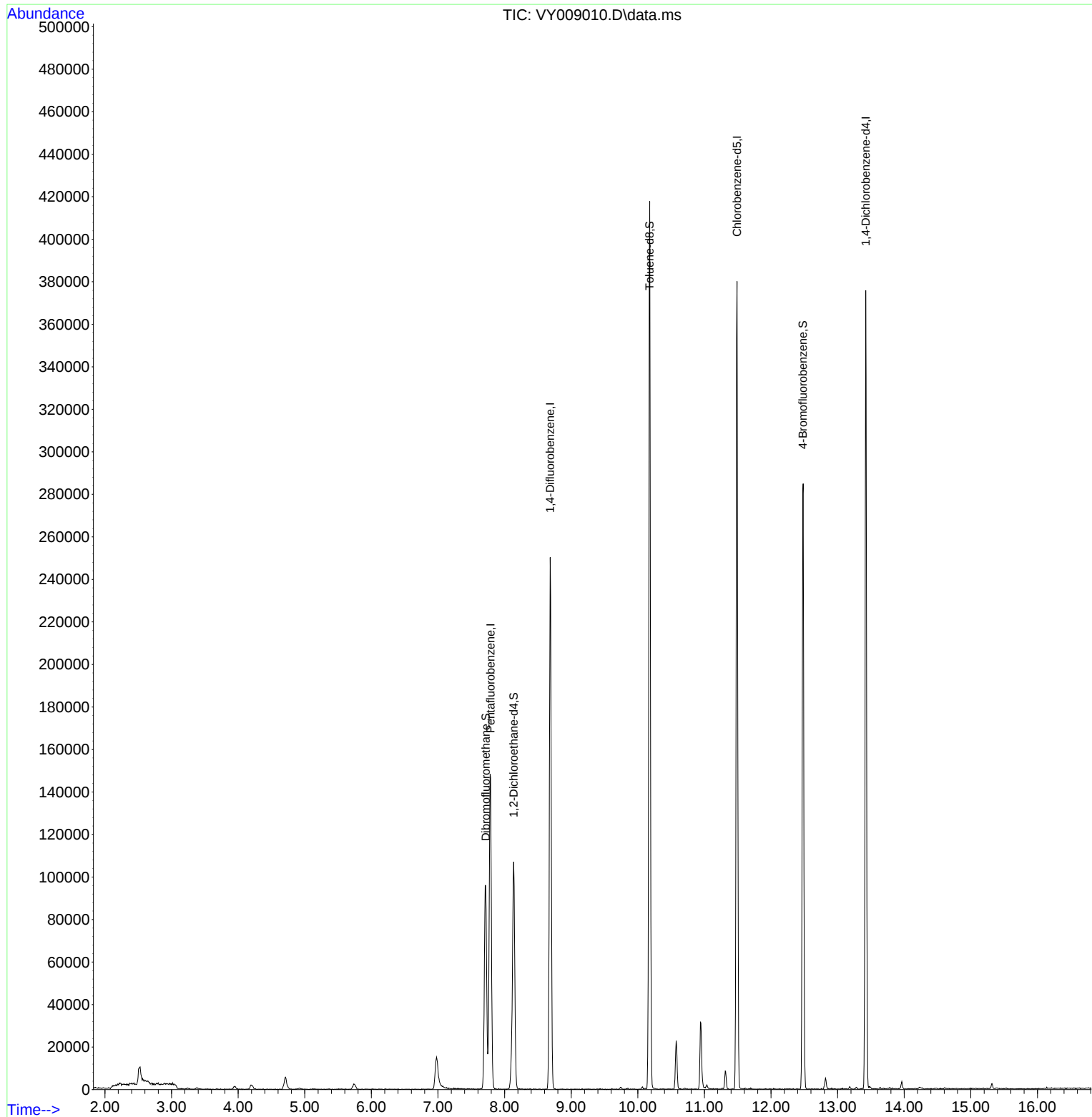
Target Compounds	Qvalue

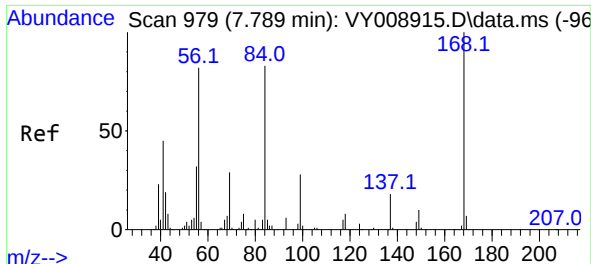
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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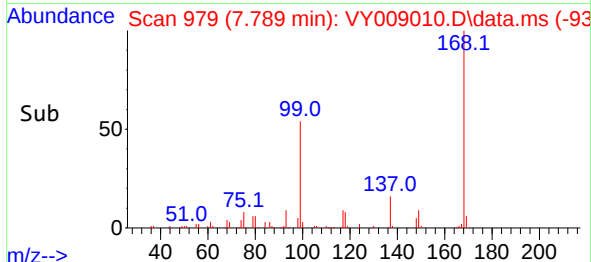
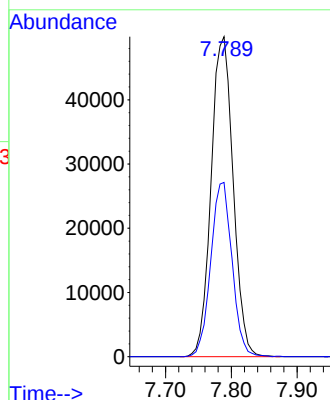
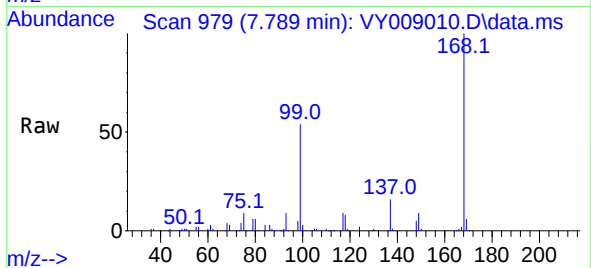




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

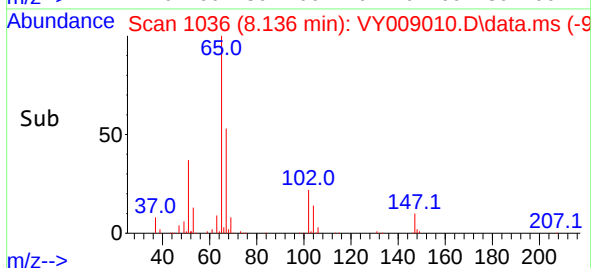
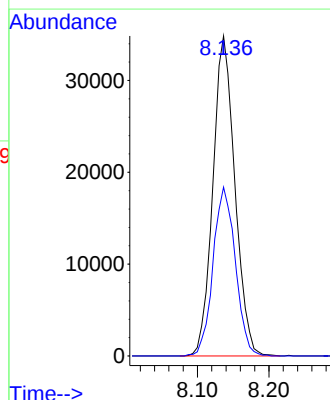
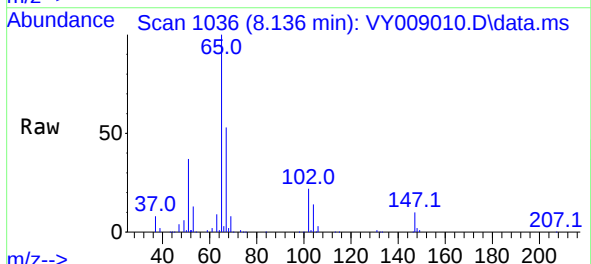
Instrument :
MSVOA_Y
ClientSampleId :
P-9

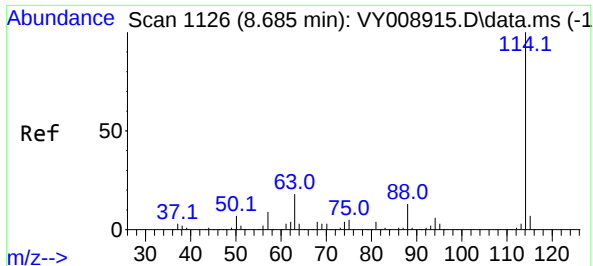
Tgt Ion:168 Resp: 116035
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.364 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

Tgt Ion: 65 Resp: 74476
Ion Ratio Lower Upper
65 100
67 53.3 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: VY009010.D

Acq: 23 May 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

P-9

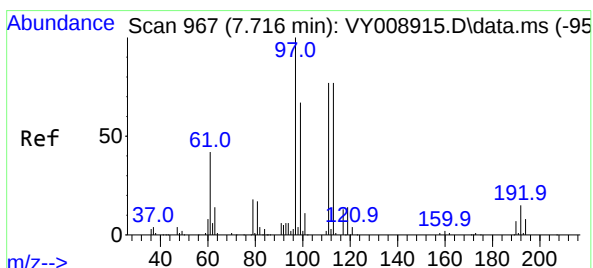
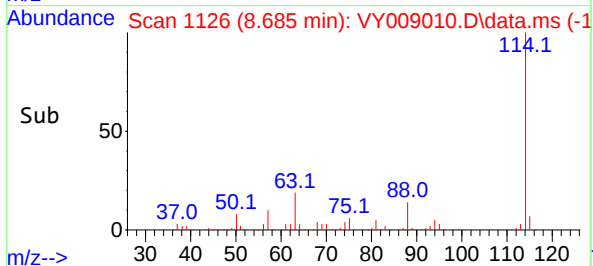
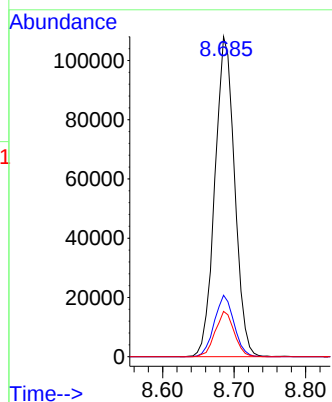
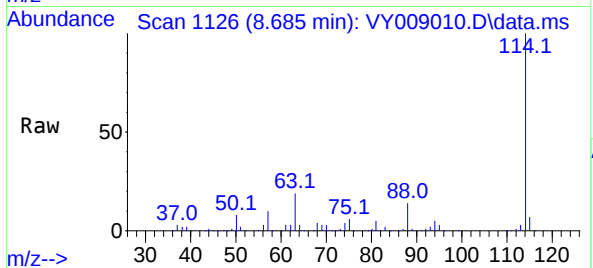
Tgt Ion:114 Resp: 206870

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.106 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009010.D

Acq: 23 May 2022 16:41

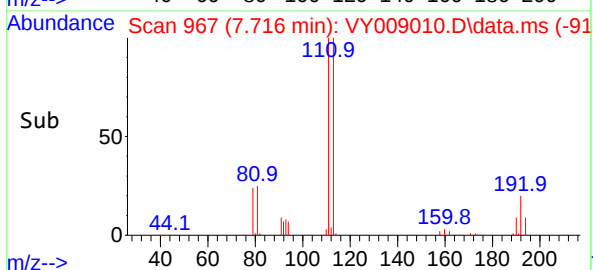
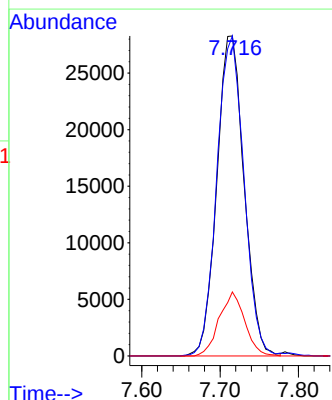
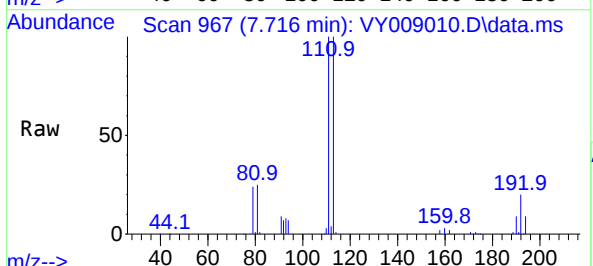
Tgt Ion:113 Resp: 68316

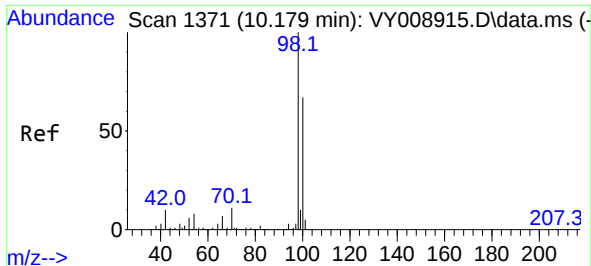
Ion Ratio Lower Upper

113 100

111 99.6 82.6 124.0

192 18.7 17.6 26.4

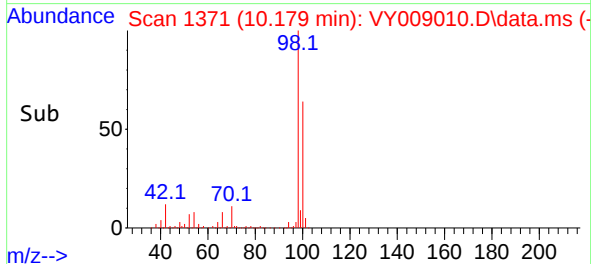
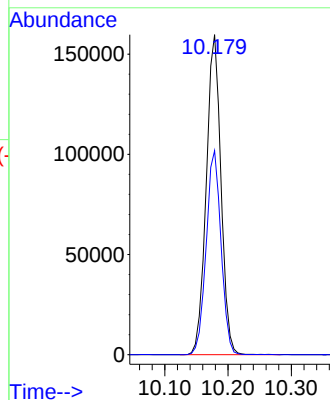
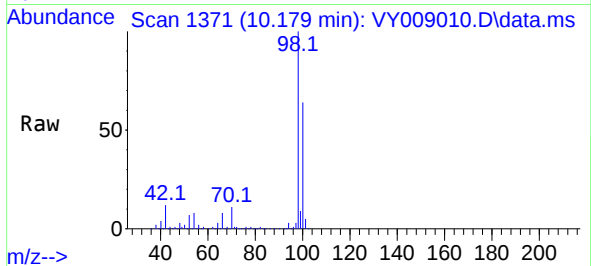




#50
Toluene-d8
Concen: 54.460 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

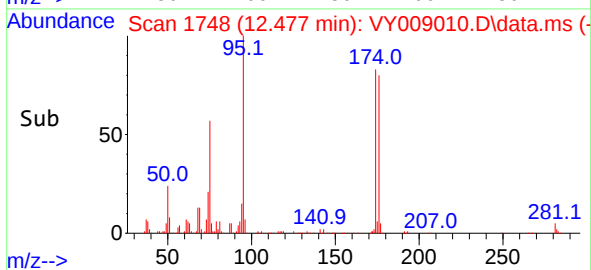
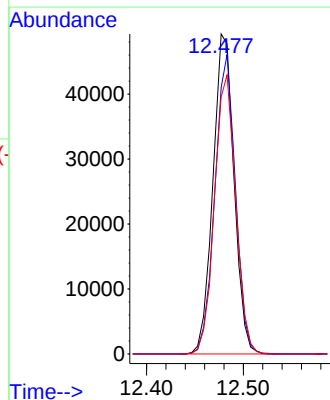
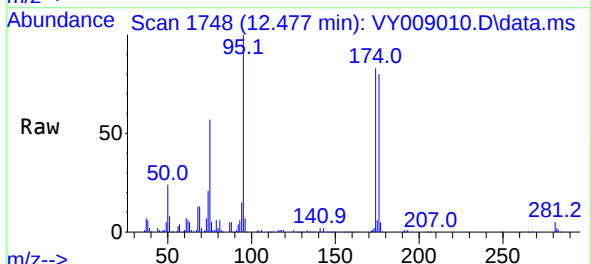
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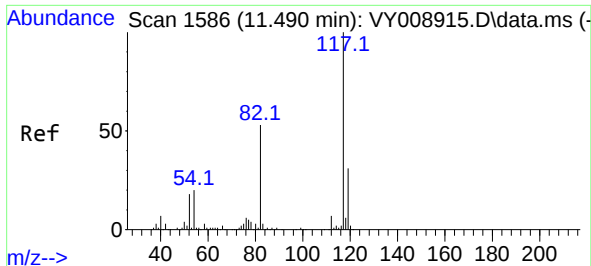
Tgt Ion: 98 Resp: 258451
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.924 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

Tgt Ion: 95 Resp: 74515
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 87.8 0.0 175.8

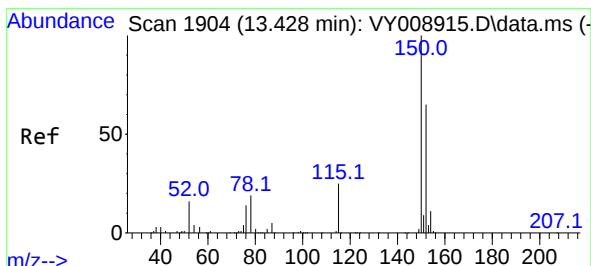
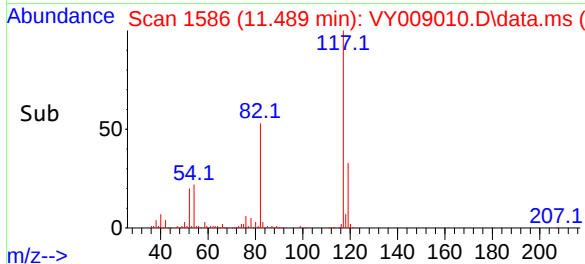
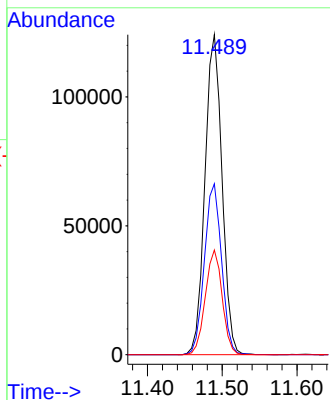
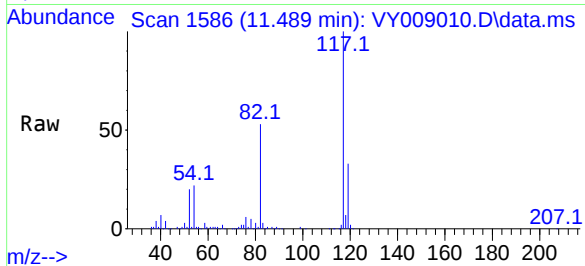




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :
P-9

Tgt Ion:117 Resp: 196952
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.7 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: VY009010.D
Acq: 23 May 2022 16:41

Tgt Ion:152 Resp: 86297
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 158.7 0.0 347.6

