

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008889.D
 Acq On : 20 May 2022 00:41
 Operator : KP/MD
 Sample : N2906-01
 Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CDF-1

Quant Time: May 20 02:57:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	149831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	247256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	89982	64.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.480%
35) Dibromofluoromethane	7.716	113	83491	54.276	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.560%
50) Toluene-d8	10.179	98	330447	48.434	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.483	95	95328	39.829	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.660%

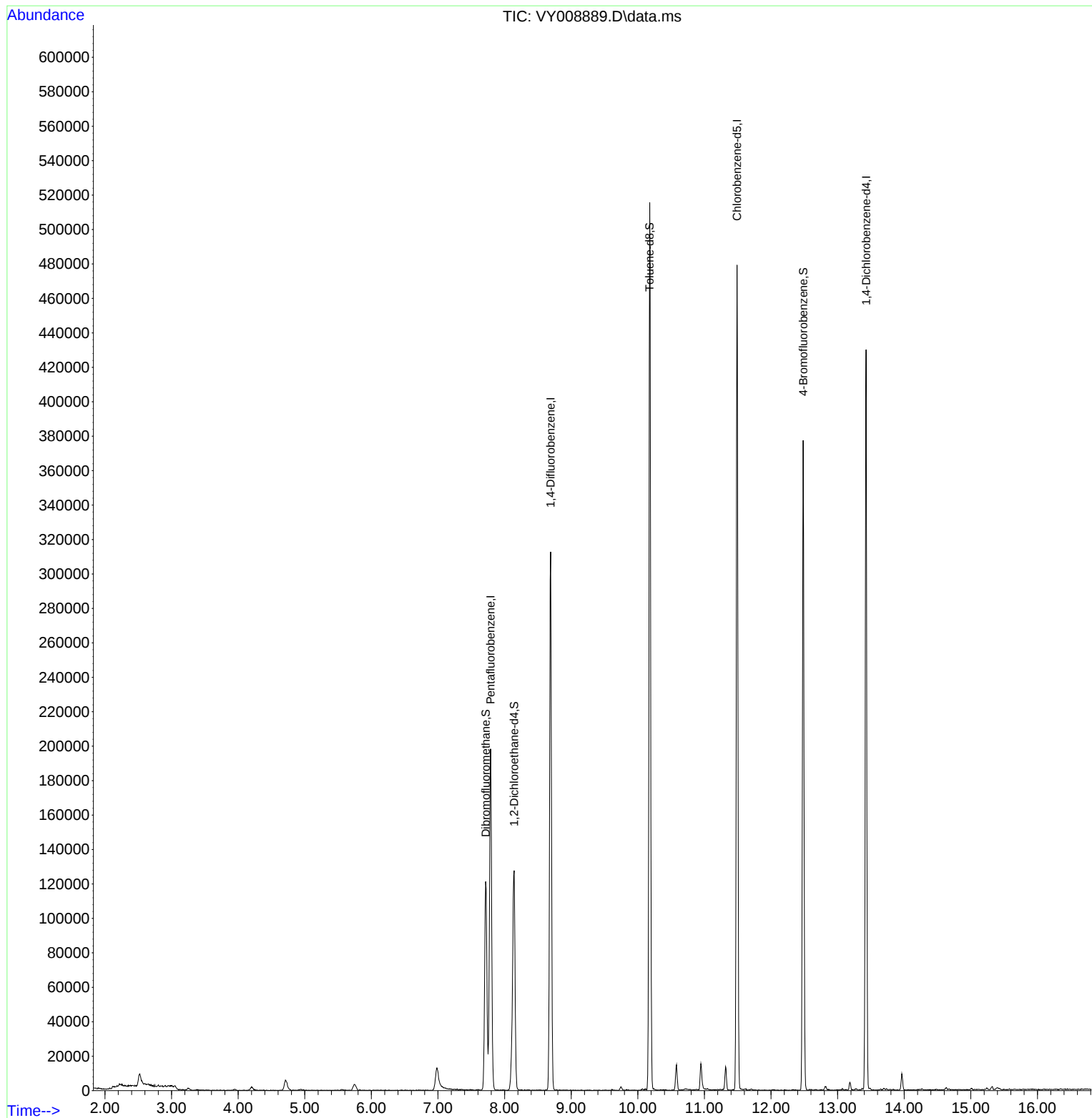
Target Compounds	Qvalue

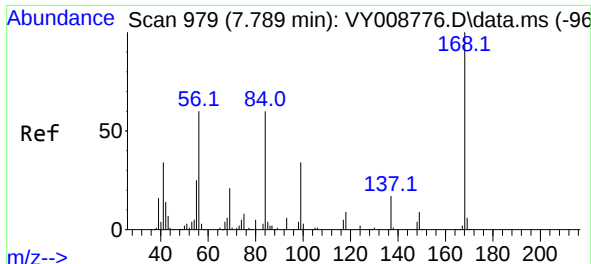
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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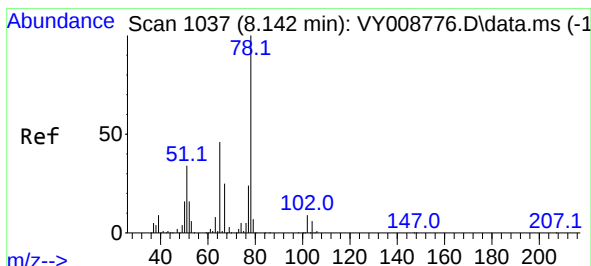
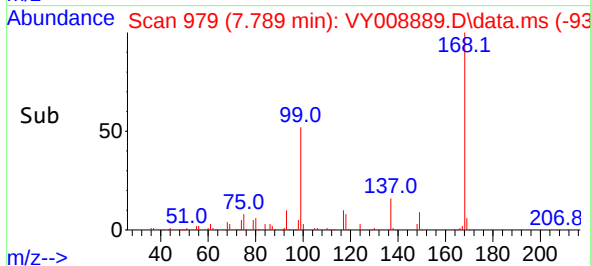
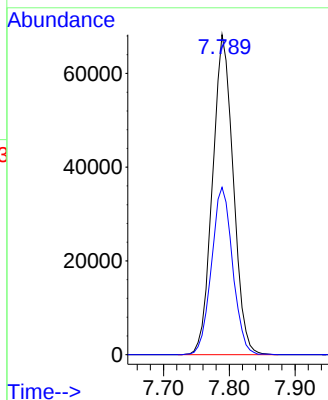
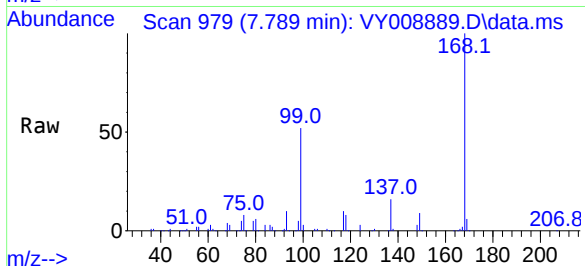




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008889.D
Acq: 20 May 2022 00:41

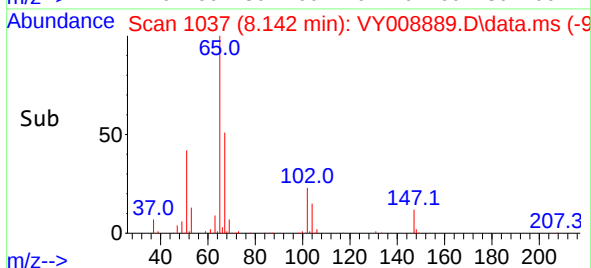
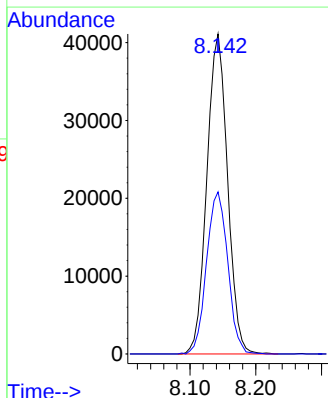
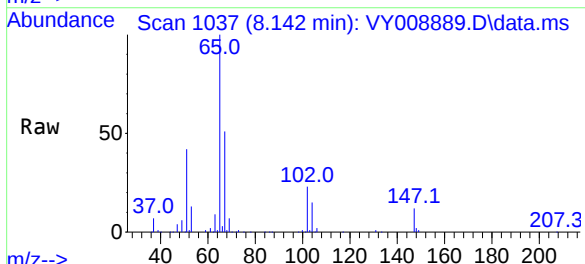
Instrument :
MSVOA_Y
ClientSampleId :
CDF-1

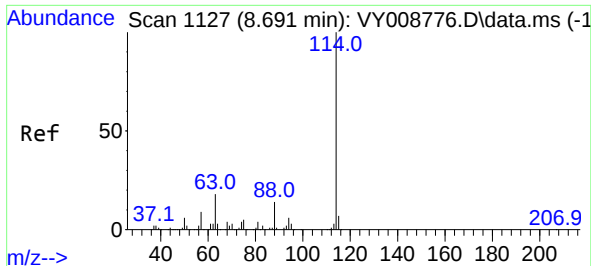
Tgt Ion:168 Resp: 149831
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.736 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008889.D
Acq: 20 May 2022 00:41

Tgt Ion: 65 Resp: 89982
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008889.D

Acq: 20 May 2022 00:41

Instrument :

MSVOA_Y

ClientSampleId :

CDF-1

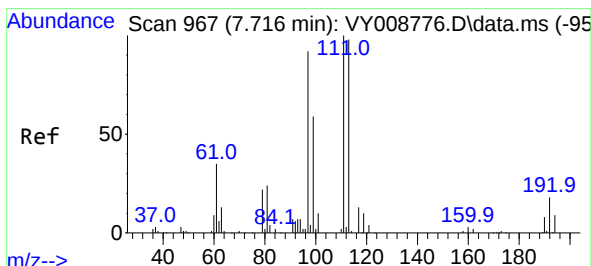
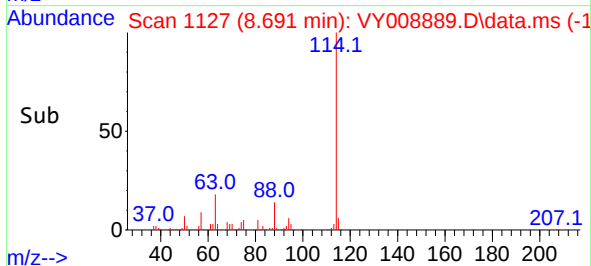
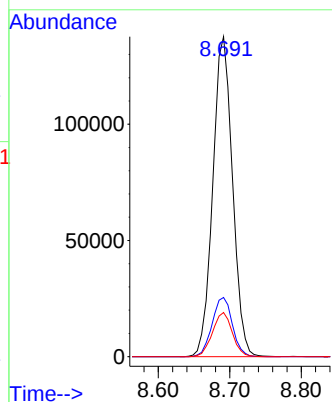
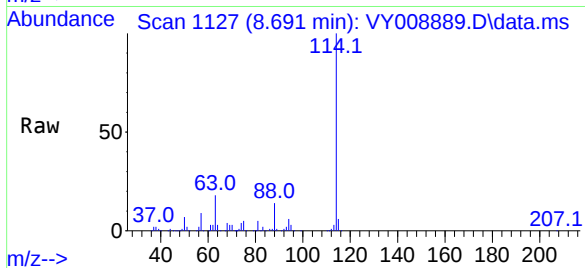
Tgt Ion:114 Resp: 263278

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.276 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008889.D

Acq: 20 May 2022 00:41

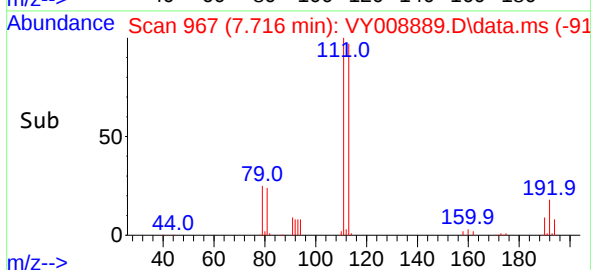
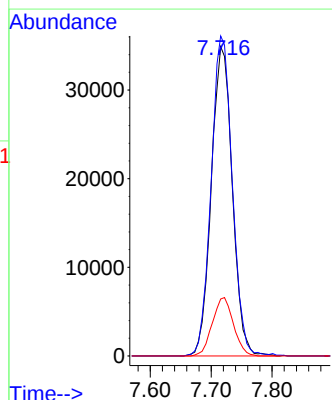
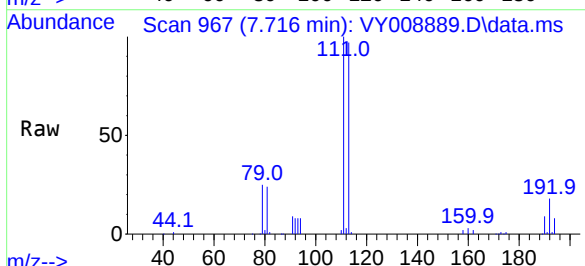
Tgt Ion:113 Resp: 83491

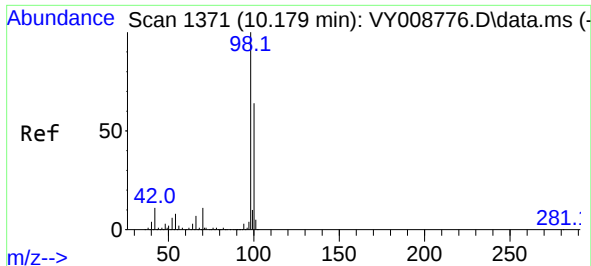
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 19.0 17.6 26.4

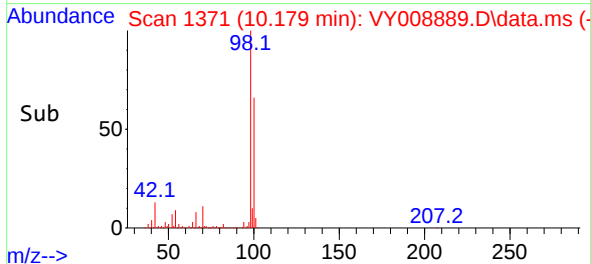
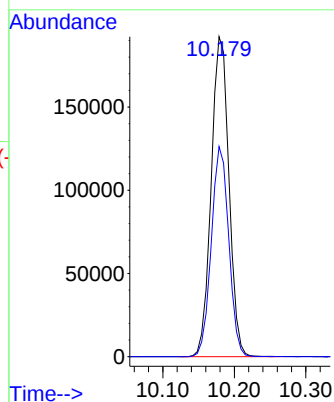
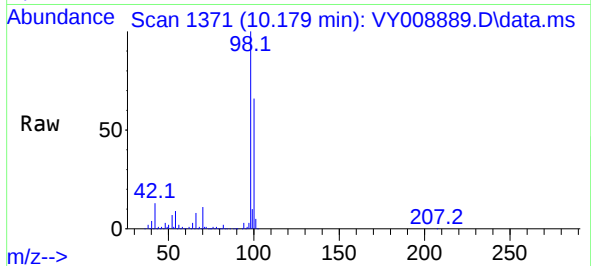




#50
Toluene-d8
Concen: 48.434 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008889.D
Acq: 20 May 2022 00:41

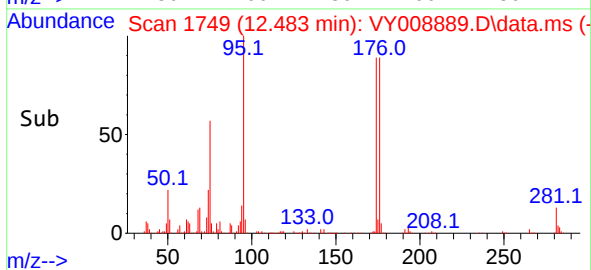
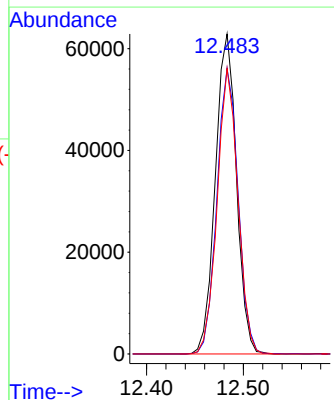
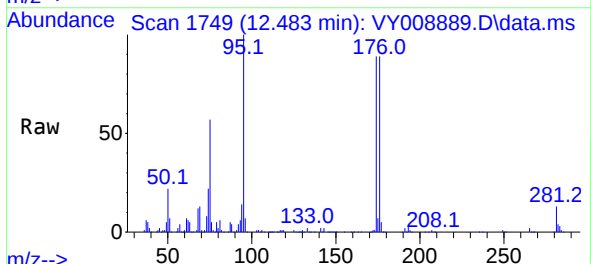
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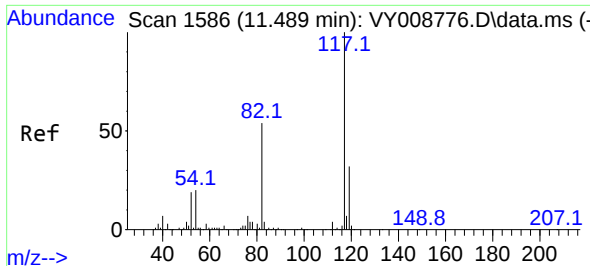
Tgt Ion: 98 Resp: 330447
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.829 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008889.D
Acq: 20 May 2022 00:41

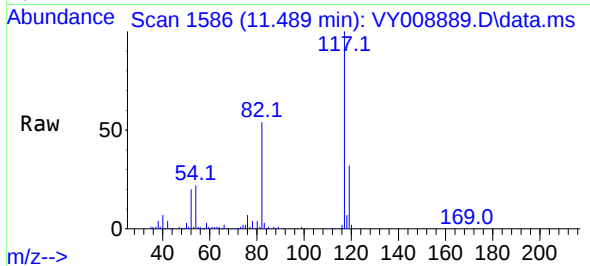
Tgt Ion: 95 Resp: 95328
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 87.2 0.0 175.8



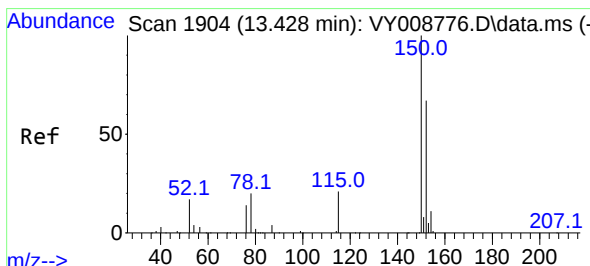
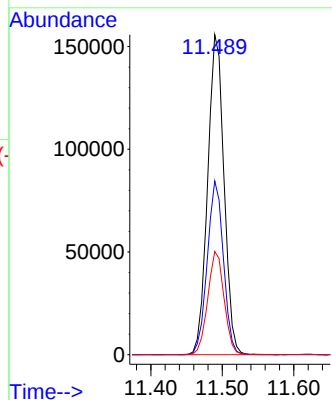
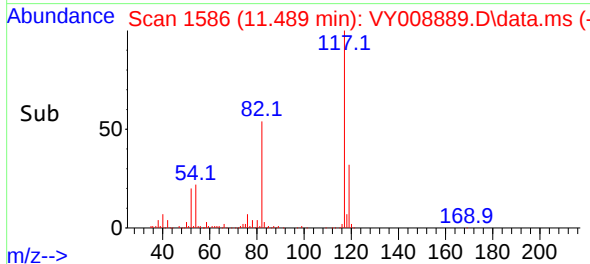


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008889.D
Acq: 20 May 2022 00:41

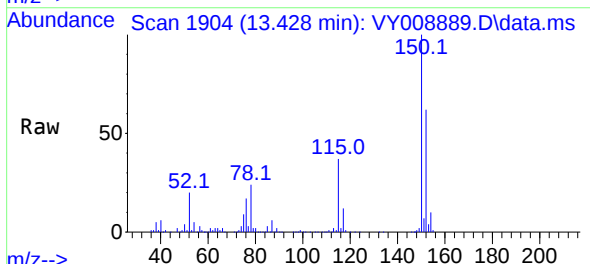
Instrument :
MSVOA_Y
ClientSampleId :
CDF-1



Tgt Ion:117 Resp: 247256
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.2 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: VY008889.D
Acq: 20 May 2022 00:41



Tgt Ion:152 Resp: 103826
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 158.6 0.0 347.6

