

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008890.D
 Acq On : 20 May 2022 01:04
 Operator : KP/MD
 Sample : N2906-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CDF-2

Quant Time: May 20 02:57:27 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	151271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107629	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	90564	64.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.060%
35) Dibromofluoromethane	7.716	113	84648	54.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.780%
50) Toluene-d8	10.178	98	333474	48.732	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.483	95	97007	40.375	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.760%

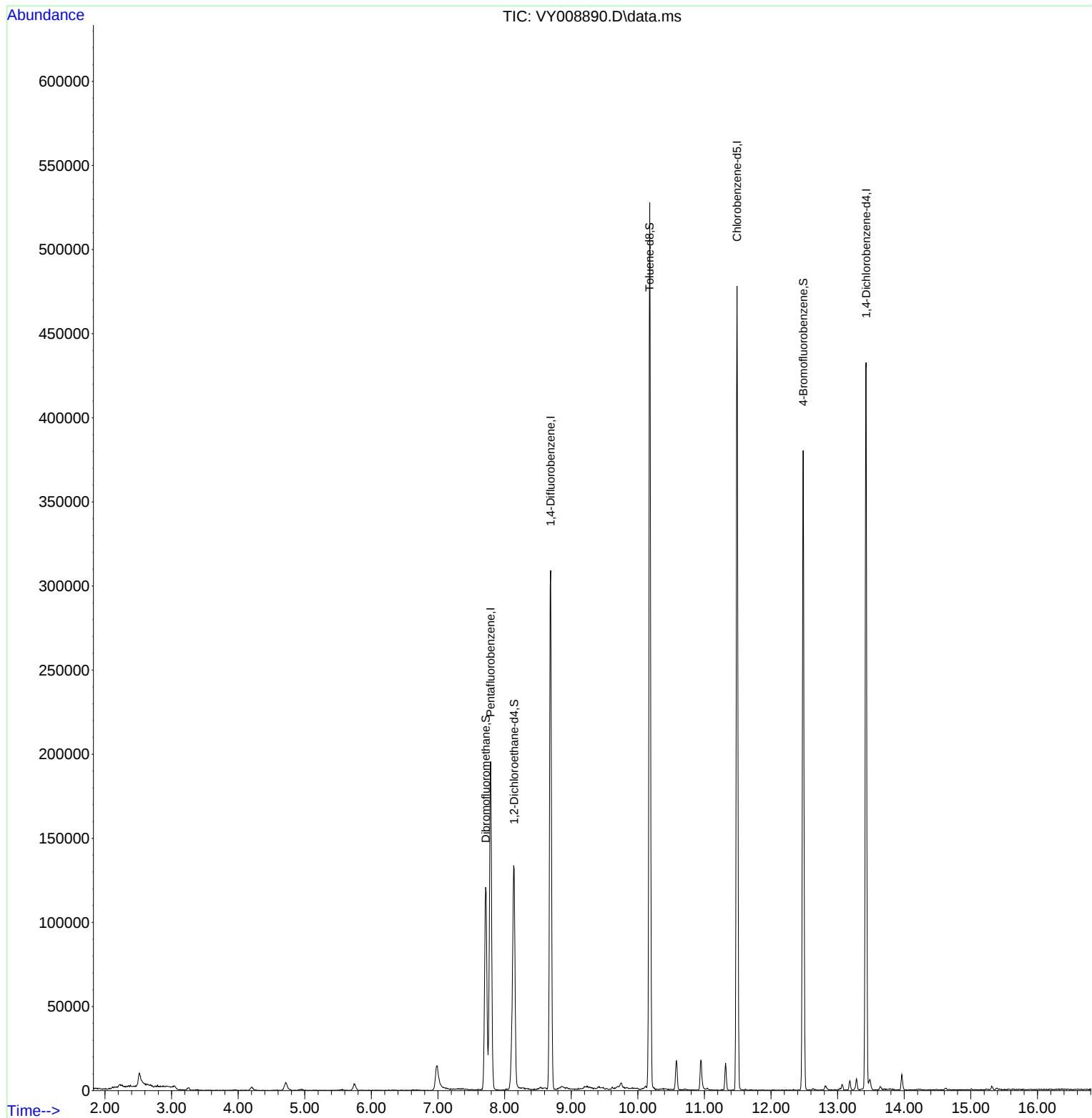
Target Compounds	Qvalue

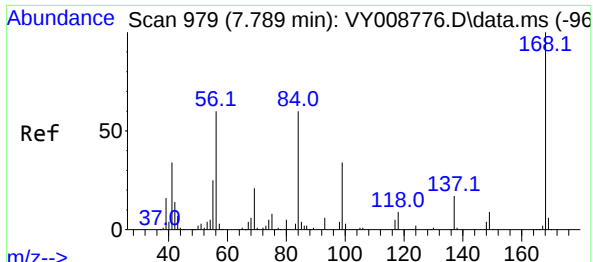
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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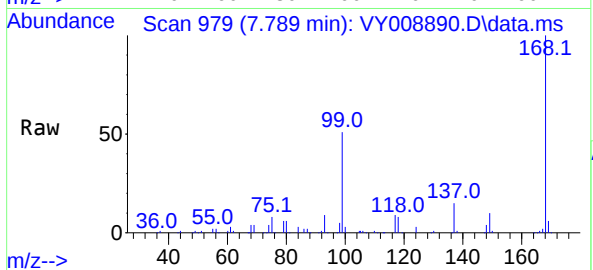
Quant Time: May 20 02:57:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
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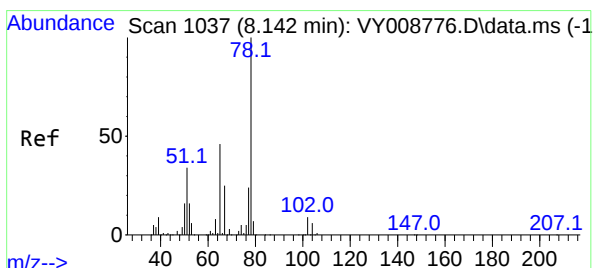
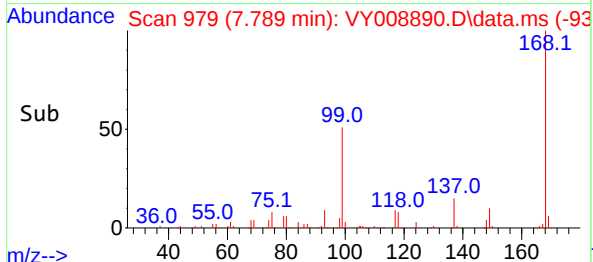
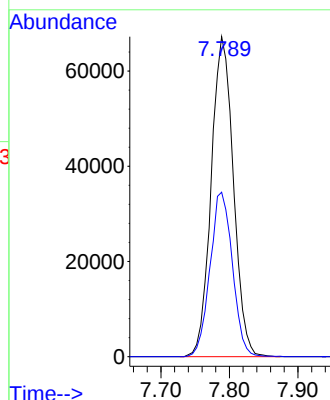


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008890.D
Acq: 20 May 2022 01:04

Instrument :
MSVOA_Y
ClientSampleId :
CDF-2

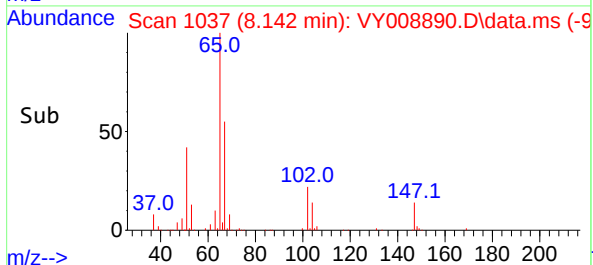
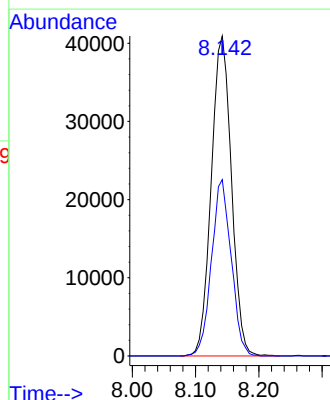
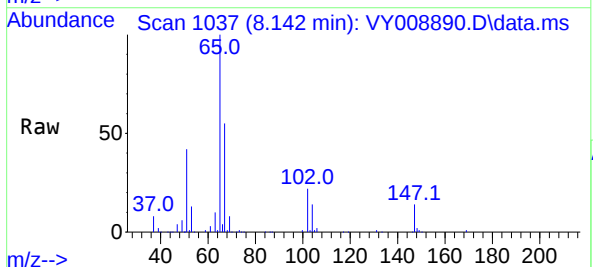


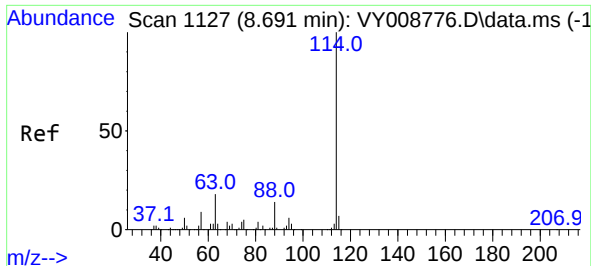
Tgt Ion:168 Resp: 151271
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.534 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008890.D
Acq: 20 May 2022 01:04

Tgt Ion: 65 Resp: 90564
Ion Ratio Lower Upper
65 100
67 53.8 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: VY008890.D

Acq: 20 May 2022 01:04

Instrument :

MSVOA_Y

ClientSampleId :

CDF-2

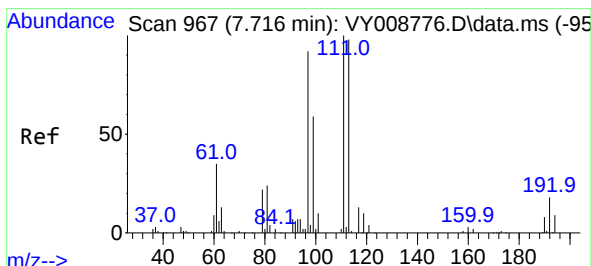
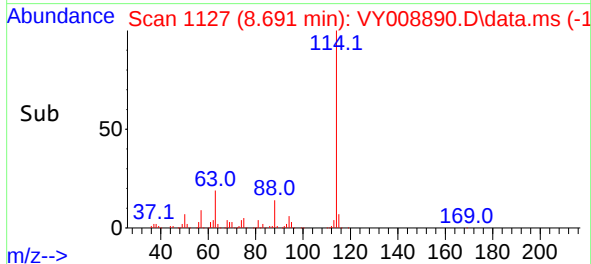
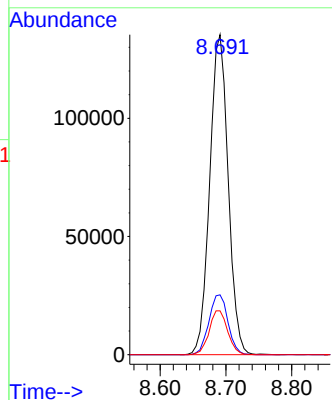
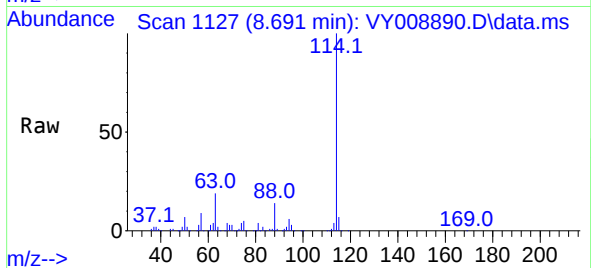
Tgt Ion:114 Resp: 263953

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.887 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008890.D

Acq: 20 May 2022 01:04

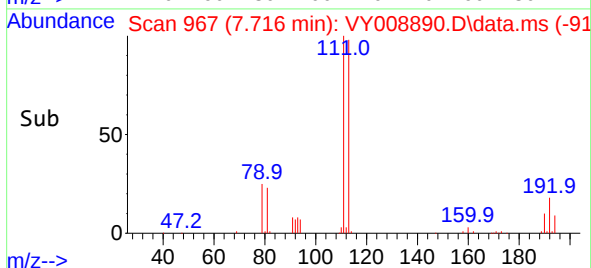
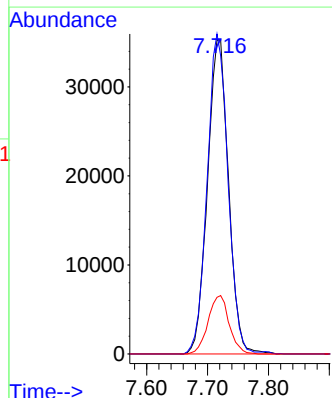
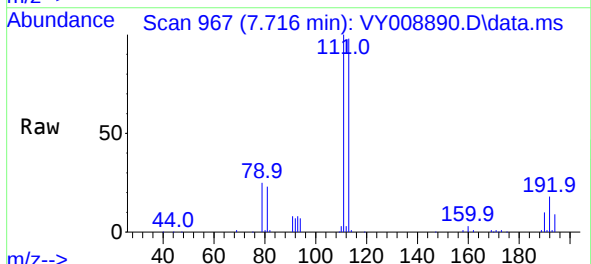
Tgt Ion:113 Resp: 84648

Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 18.6 17.6 26.4

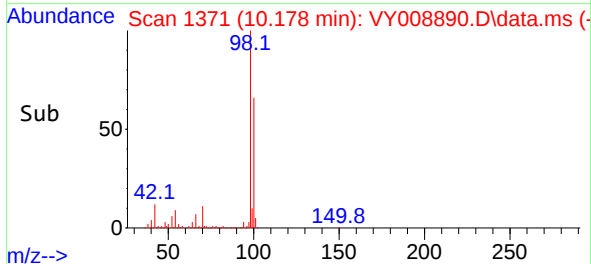
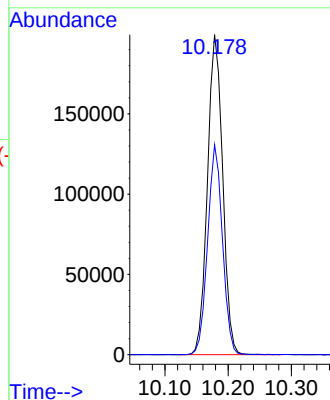
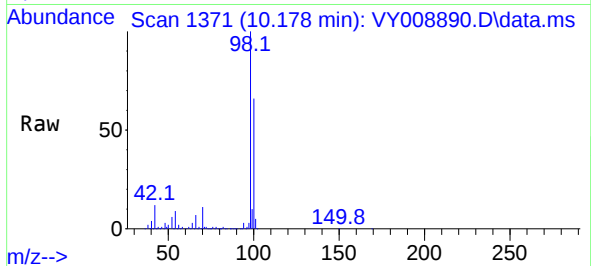




#50
Toluene-d8
Concen: 48.732 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY008890.D
Acq: 20 May 2022 01:04

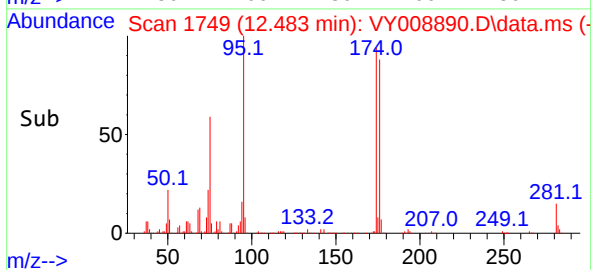
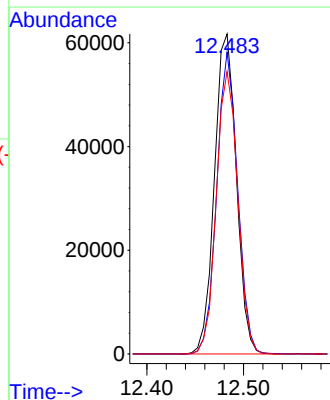
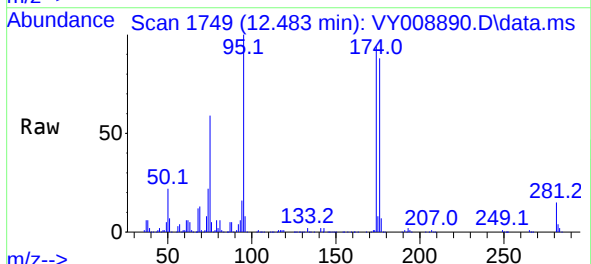
Instrument :
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ClientSampleId :
CDF-2

Tgt Ion: 98 Resp: 333474
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.375 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008890.D
Acq: 20 May 2022 01:04

Tgt Ion: 95 Resp: 97007
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 86.5 0.0 175.8

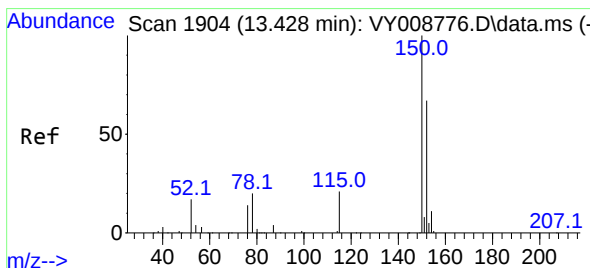
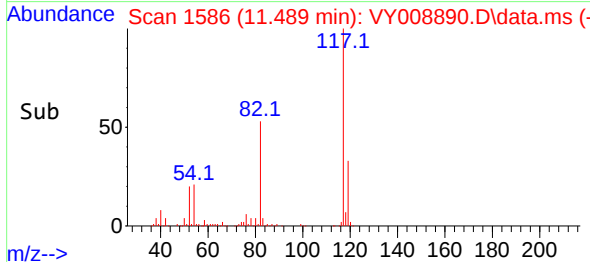
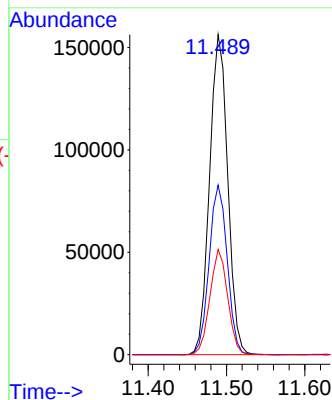
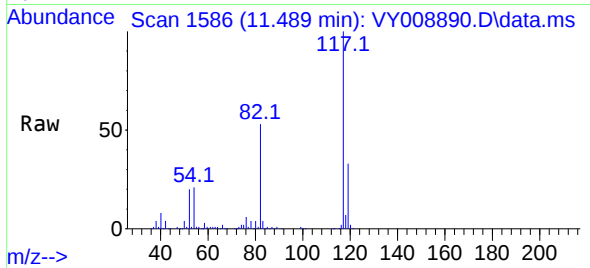




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008890.D
Acq: 20 May 2022 01:04

Instrument :
MSVOA_Y
ClientSampleId :
CDF-2

Tgt Ion:117 Resp: 251441
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.9 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: VY008890.D
Acq: 20 May 2022 01:04

Tgt Ion:152 Resp: 107629
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 159.1 0.0 347.6

