

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008178.D
 Acq On : 04 Apr 2022 14:19
 Operator : SY/MD
 Sample : N2220-02
 Misc : 7.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A10095

Quant Time: Apr 05 04:41:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	131960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	214843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74916	56.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.180%
35) Dibromofluoromethane	7.722	113	75133	50.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.200%
50) Toluene-d8	10.185	98	287142	51.324	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.640%
62) 4-Bromofluorobenzene	12.489	95	92895	47.064	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.120%

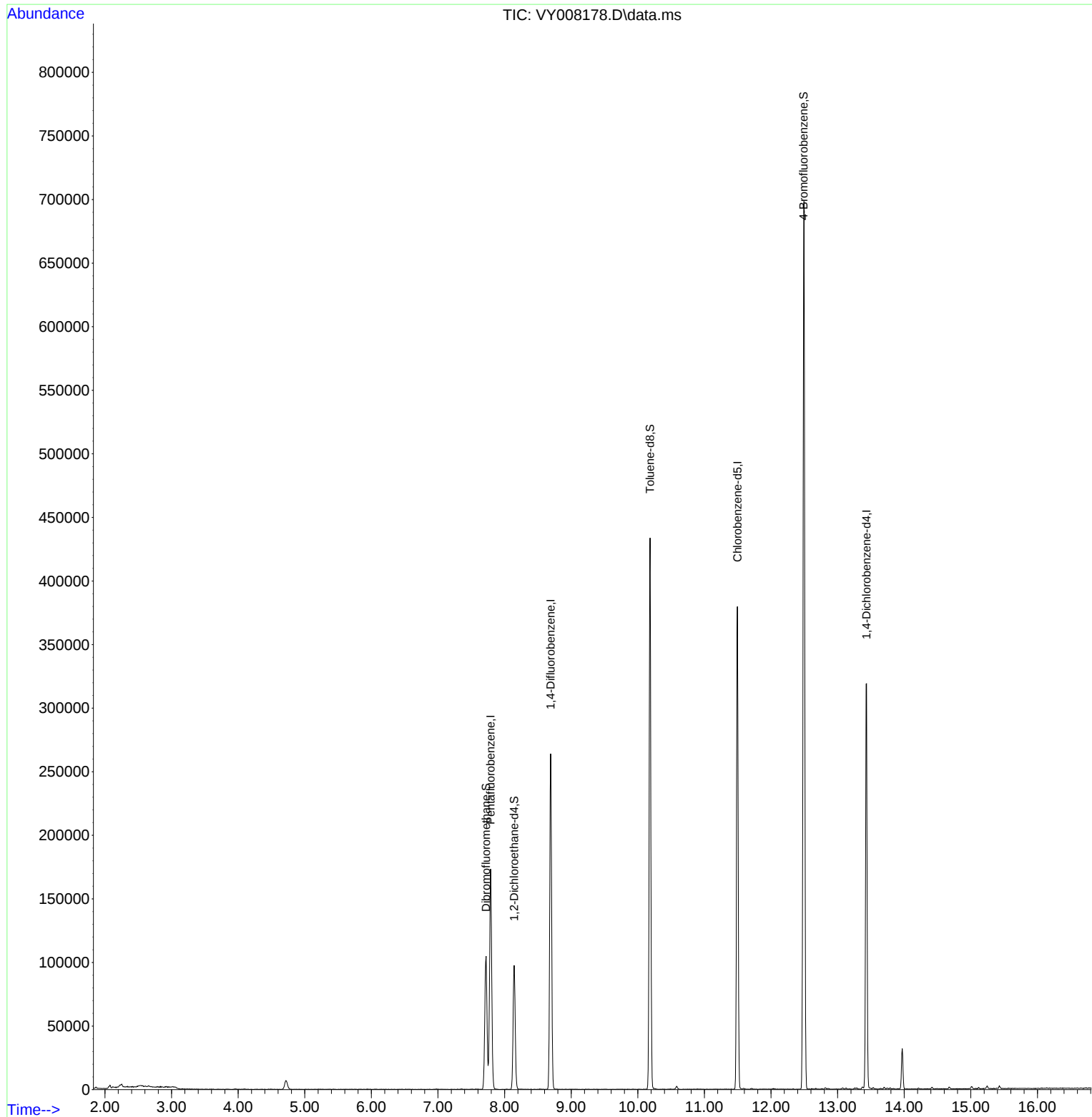
Target Compounds	Qvalue

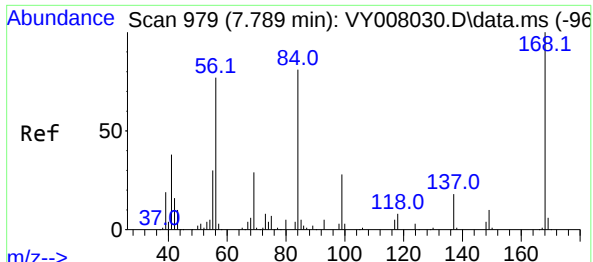
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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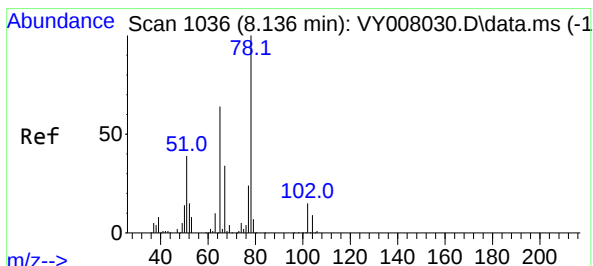
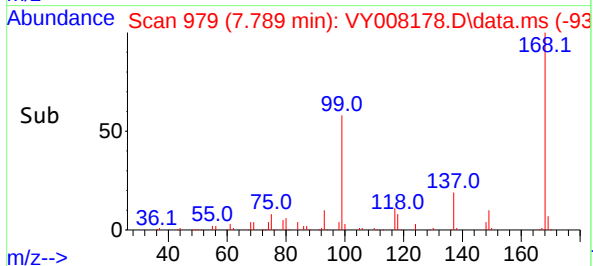
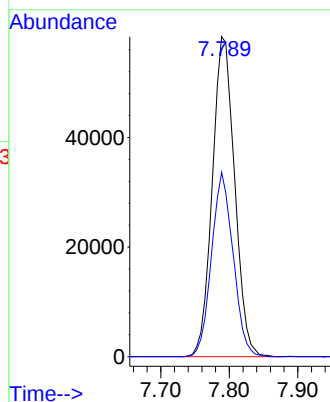
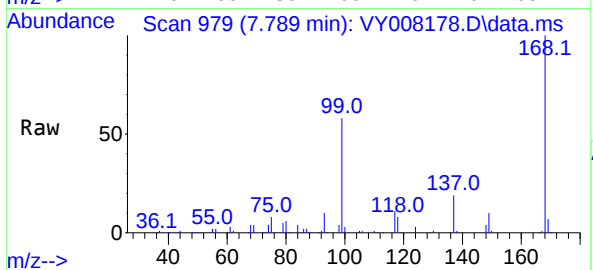




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

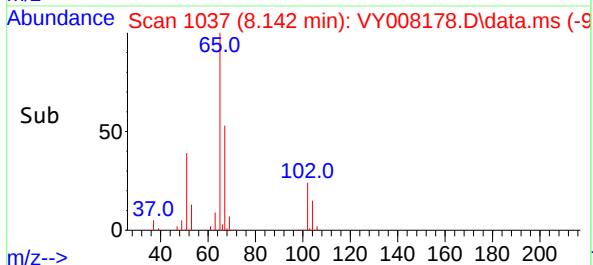
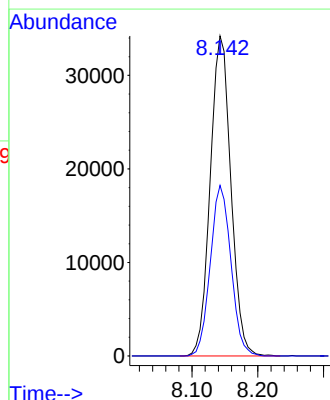
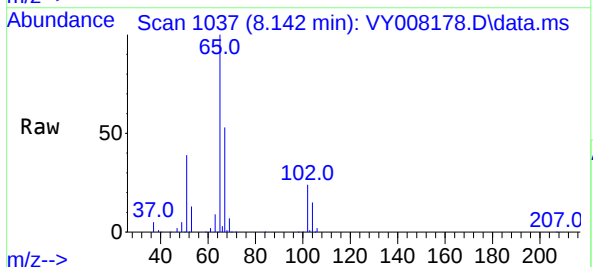
Instrument :
MSVOA_Y
ClientSampleId :
A10095

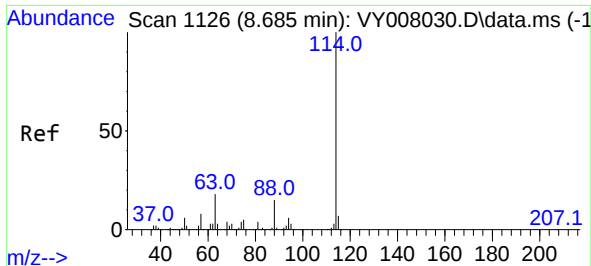
Tgt Ion:168 Resp: 131960
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.585 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

Tgt Ion: 65 Resp: 74916
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008178.D

Acq: 04 Apr 2022 14:19

Instrument :

MSVOA_Y

ClientSampleId :

A10095

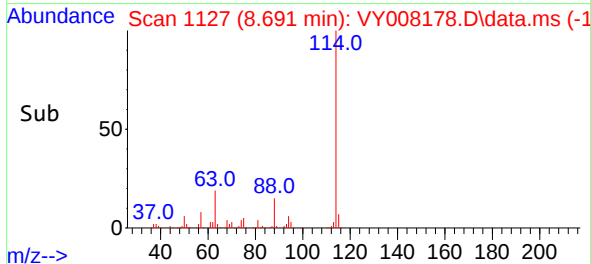
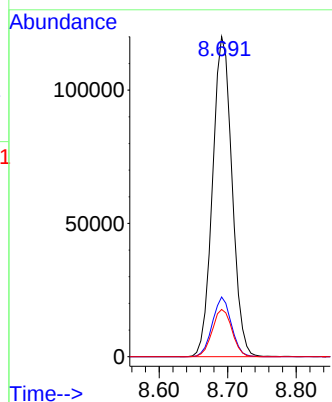
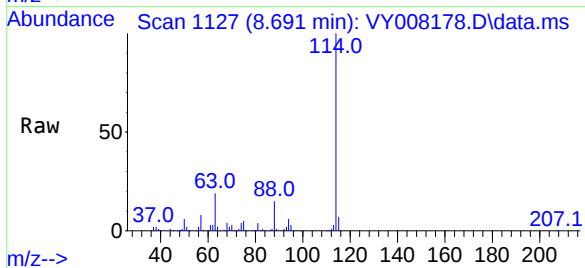
Tgt Ion:114 Resp: 236849

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.595 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008178.D

Acq: 04 Apr 2022 14:19

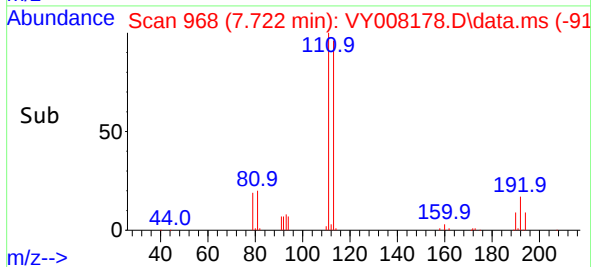
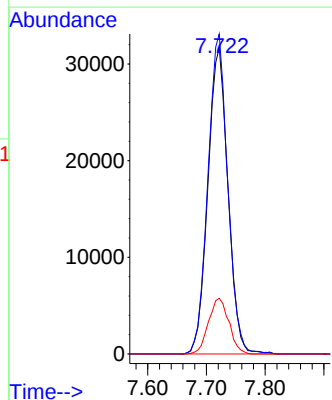
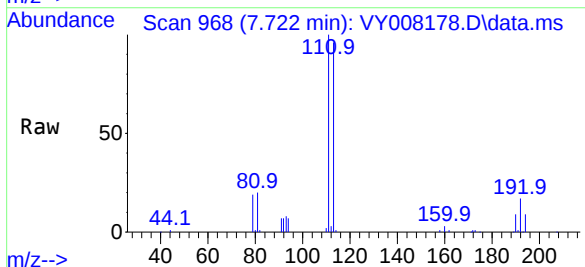
Tgt Ion:113 Resp: 75133

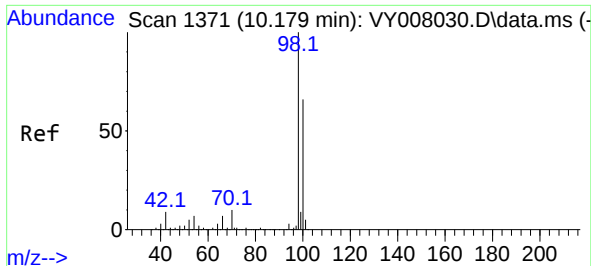
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 18.5 17.6 26.4

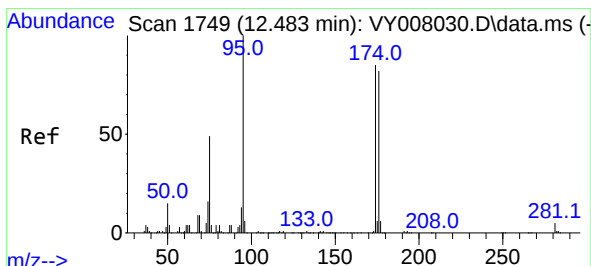
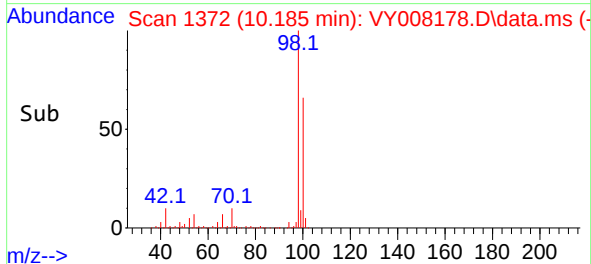
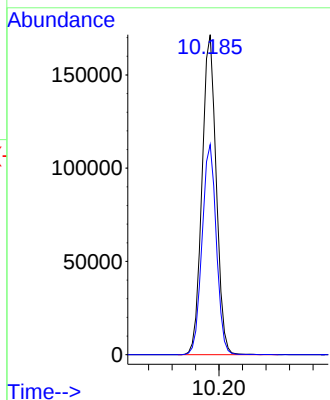
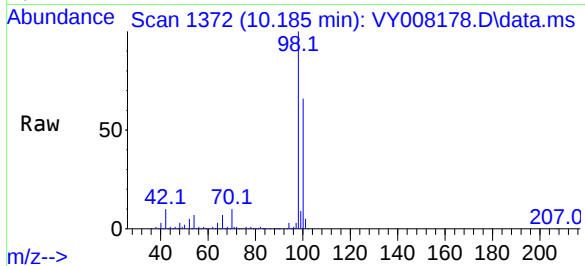




#50
Toluene-d8
Concen: 51.324 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

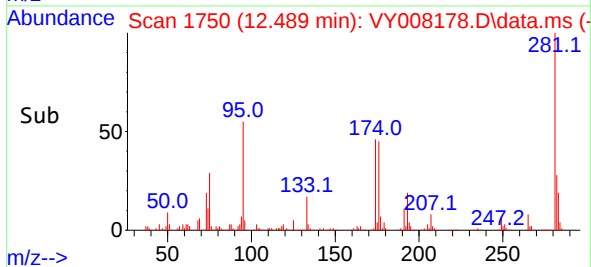
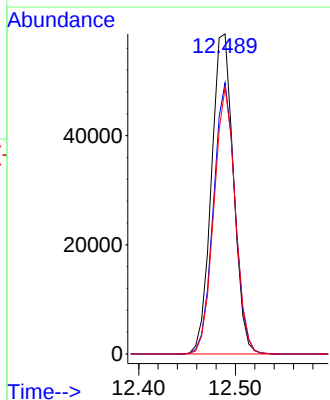
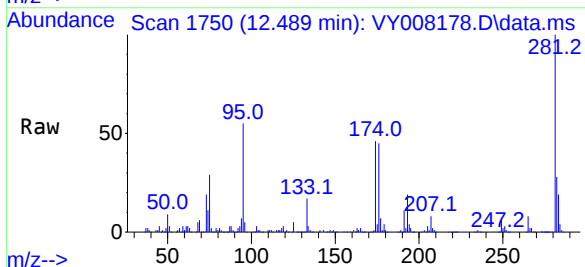
Instrument :
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A10095

Tgt Ion: 98 Resp: 287142
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.064 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

Tgt Ion: 95 Resp: 92895
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 80.3 0.0 175.8

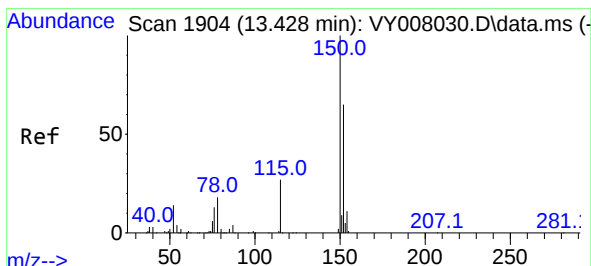
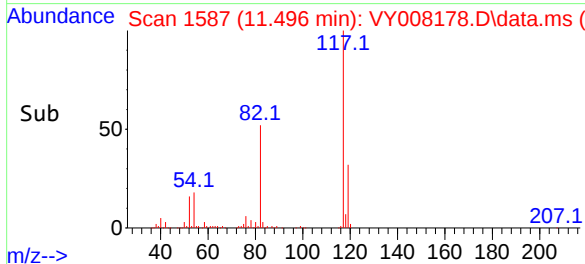
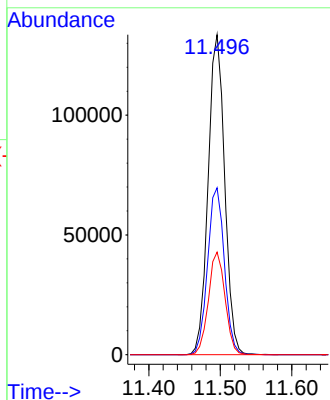
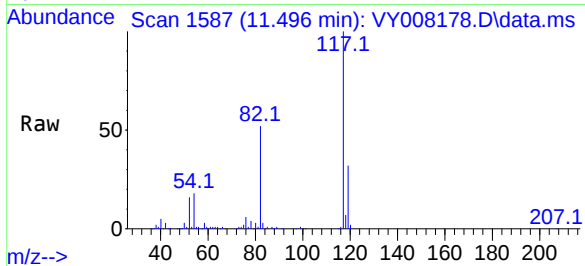




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

Instrument :
MSVOA_Y
ClientSampleId :
A10095

Tgt Ion:117 Resp: 214843
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY008178.D
Acq: 04 Apr 2022 14:19

Tgt Ion:152 Resp: 83691
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 158.8 0.0 347.6

