

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008219.D
 Acq On : 05 Apr 2022 18:57
 Operator : SY/MD
 Sample : N2257-11
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Apr 06 03:59:39 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	110352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62956	56.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.720%
35) Dibromofluoromethane	7.716	113	63241	50.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.179	98	247250	52.060	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.483	95	80651	48.133	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.260%

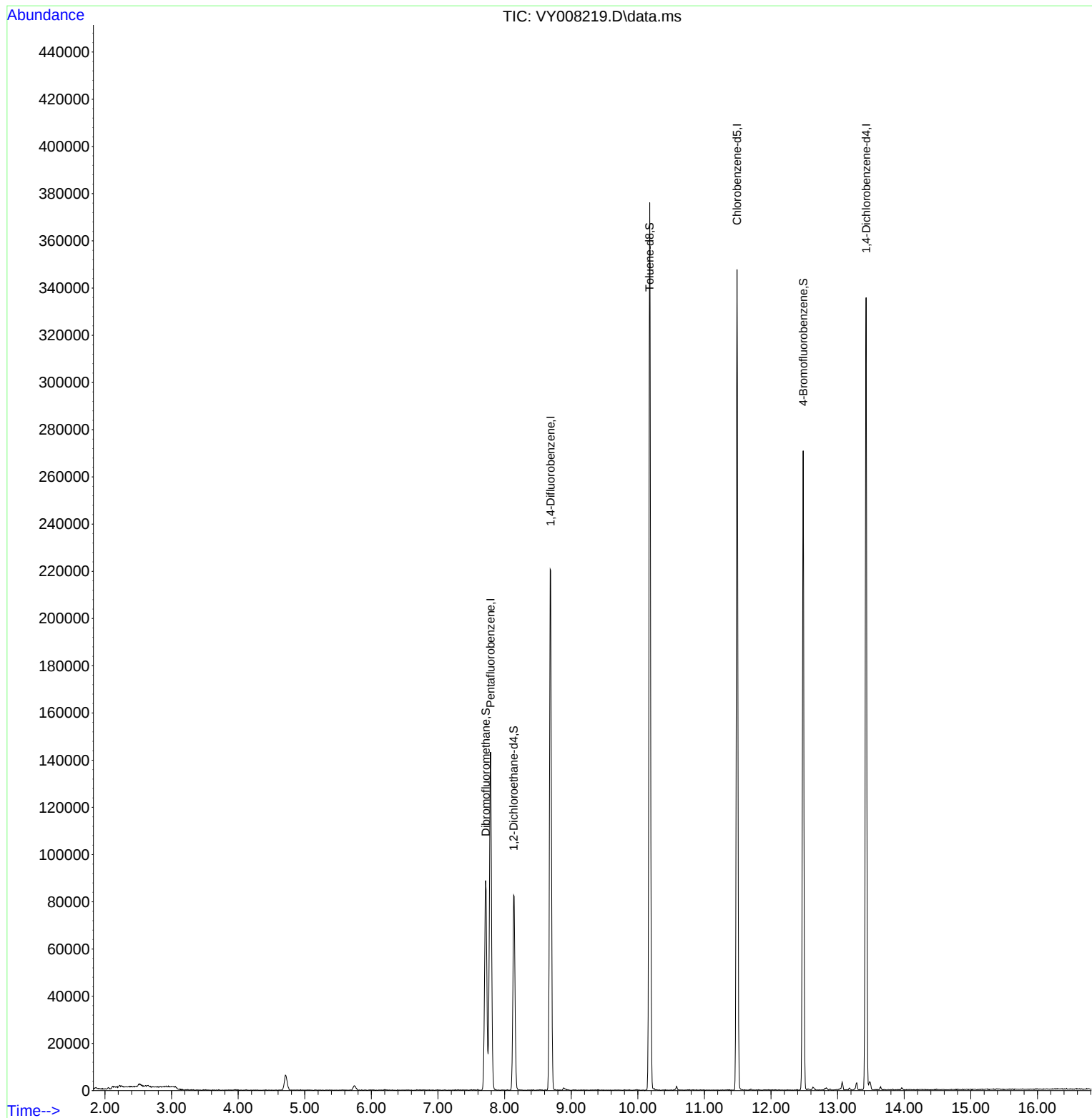
Target Compounds	Qvalue

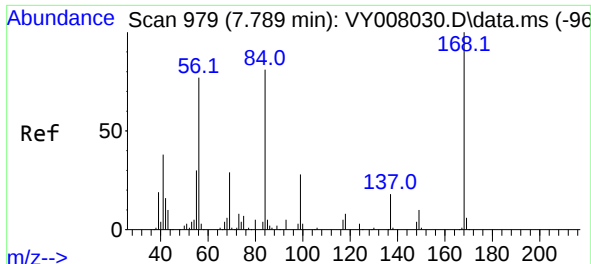
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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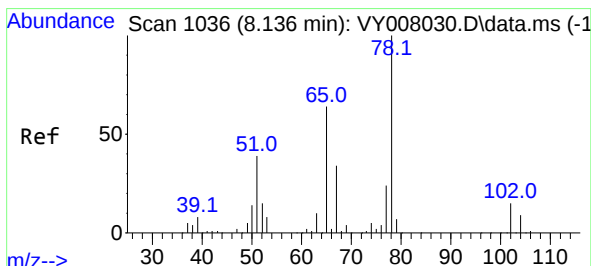
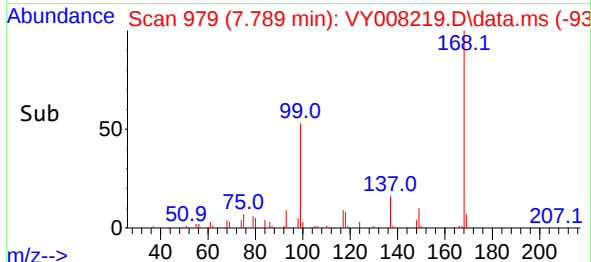
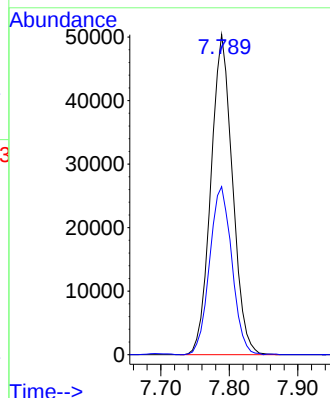
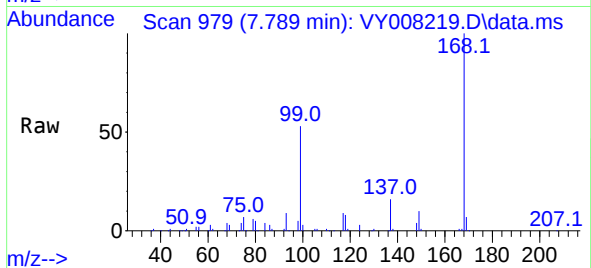




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

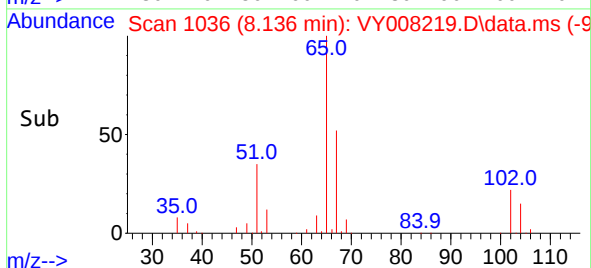
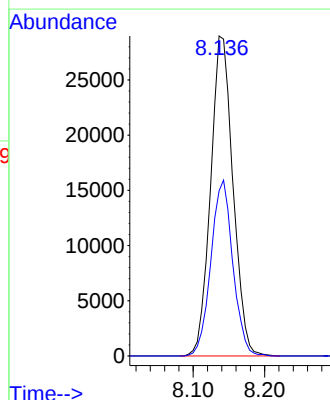
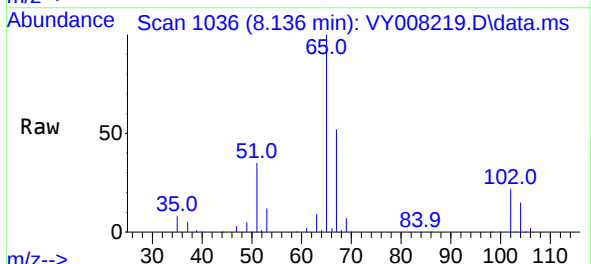
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

Tgt Ion:168 Resp: 110352
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.863 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

Tgt Ion: 65 Resp: 62956
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# 11

Delta R.T. 0.006 min

Lab File: VY008219.D

Acq: 05 Apr 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

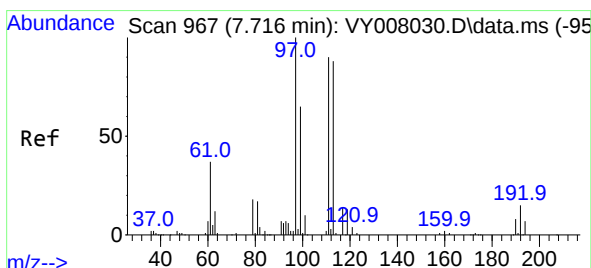
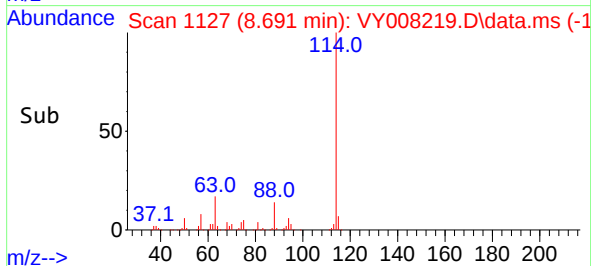
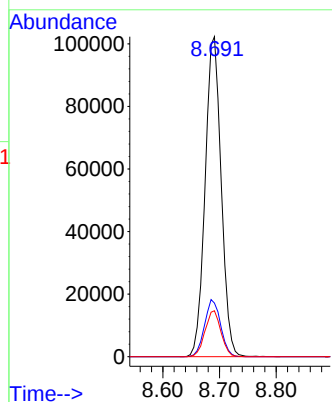
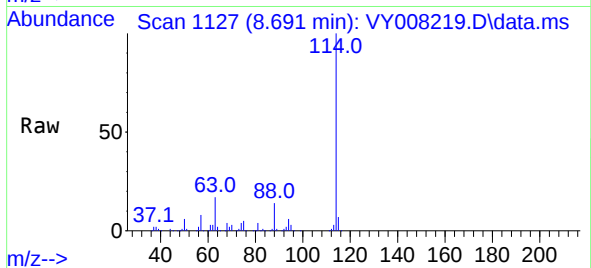
Tgt Ion:114 Resp: 201061

Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.168 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008219.D

Acq: 05 Apr 2022 18:57

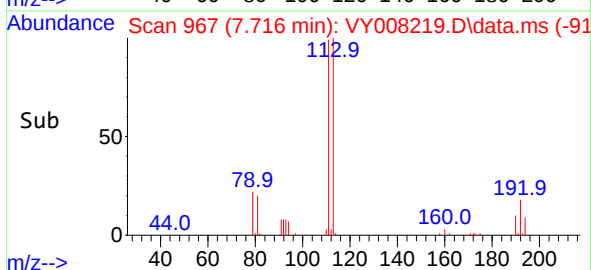
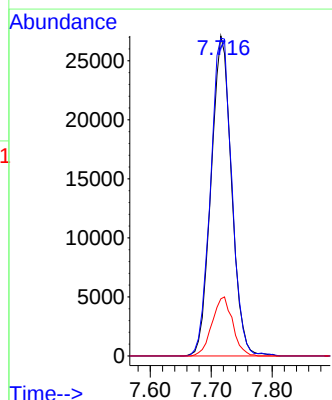
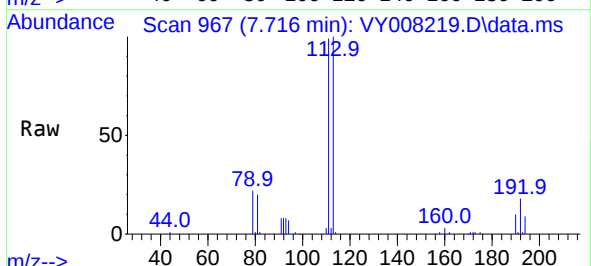
Tgt Ion:113 Resp: 63241

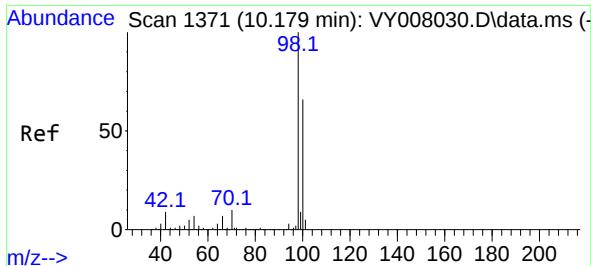
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 18.5 17.6 26.4

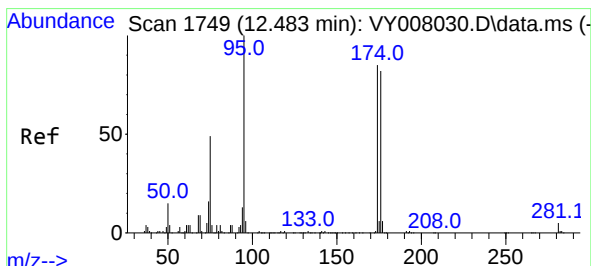
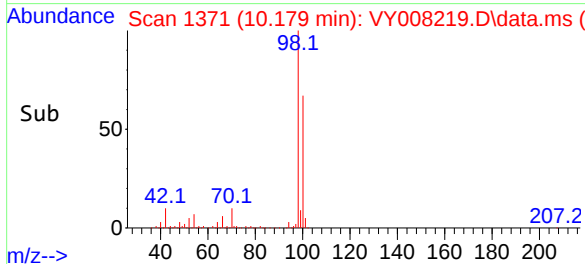
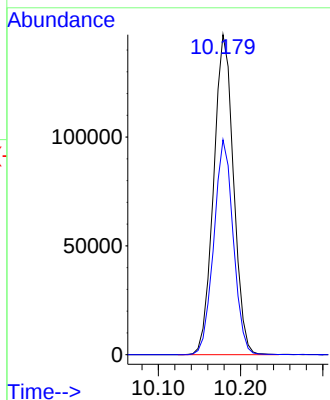
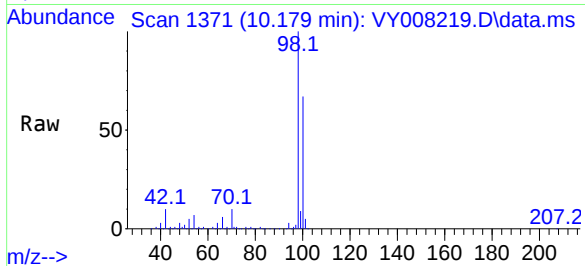




#50
Toluene-d8
Concen: 52.060 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

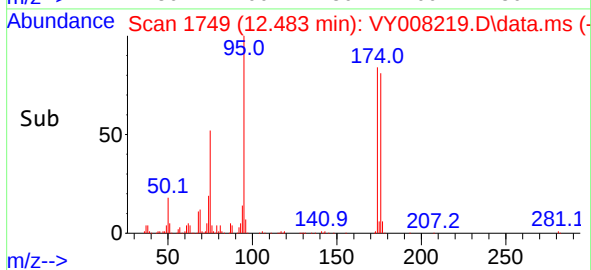
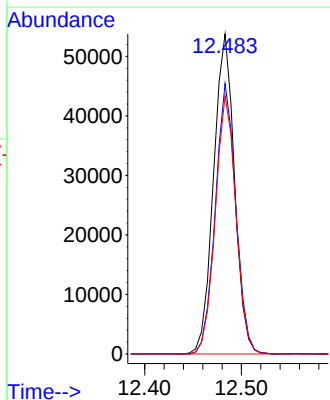
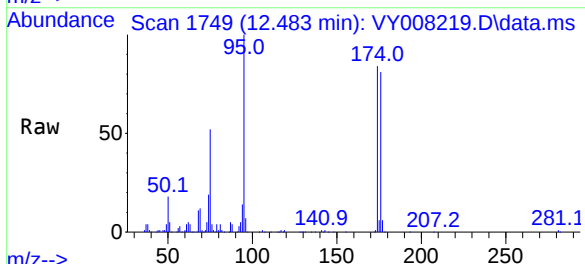
Instrument :
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TP-6

Tgt Ion: 98 Resp: 247250
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.133 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

Tgt Ion: 95 Resp: 80651
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 79.6 0.0 175.8

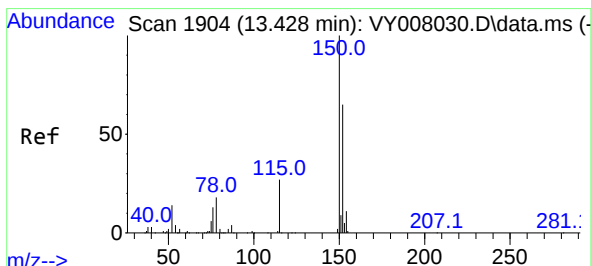
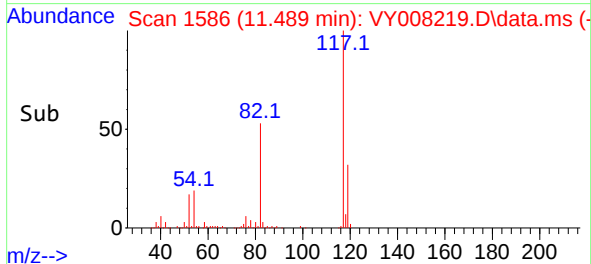
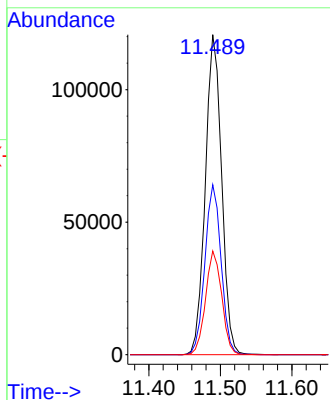
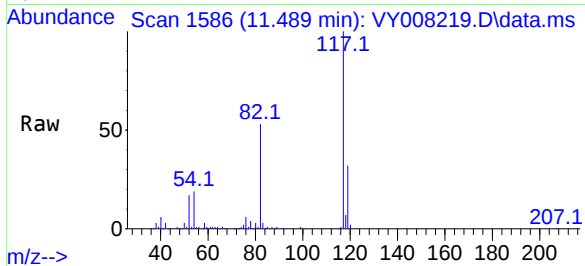




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008219.D
Acq: 05 Apr 2022 18:57

Instrument :
MSVOA_Y
ClientSampleId :
TP-6

Tgt Ion:117 Resp: 191165
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.4 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: VY008219.D
Acq: 05 Apr 2022 18:57

Tgt Ion:152 Resp: 84209
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 158.1 0.0 347.6

