

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008195.D
 Acq On : 04 Apr 2022 20:57
 Operator : SY/MD
 Sample : N2237-10
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-0401

Quant Time: Apr 05 04:44:25 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	7.795	168	112181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	123619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25686	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61937	55.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.060%
35) Dibromofluoromethane	7.722	113	64004	54.255	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.520%
50) Toluene-d8	10.179	98	222860	50.143	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.483	95	36771	23.451	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	46.900%

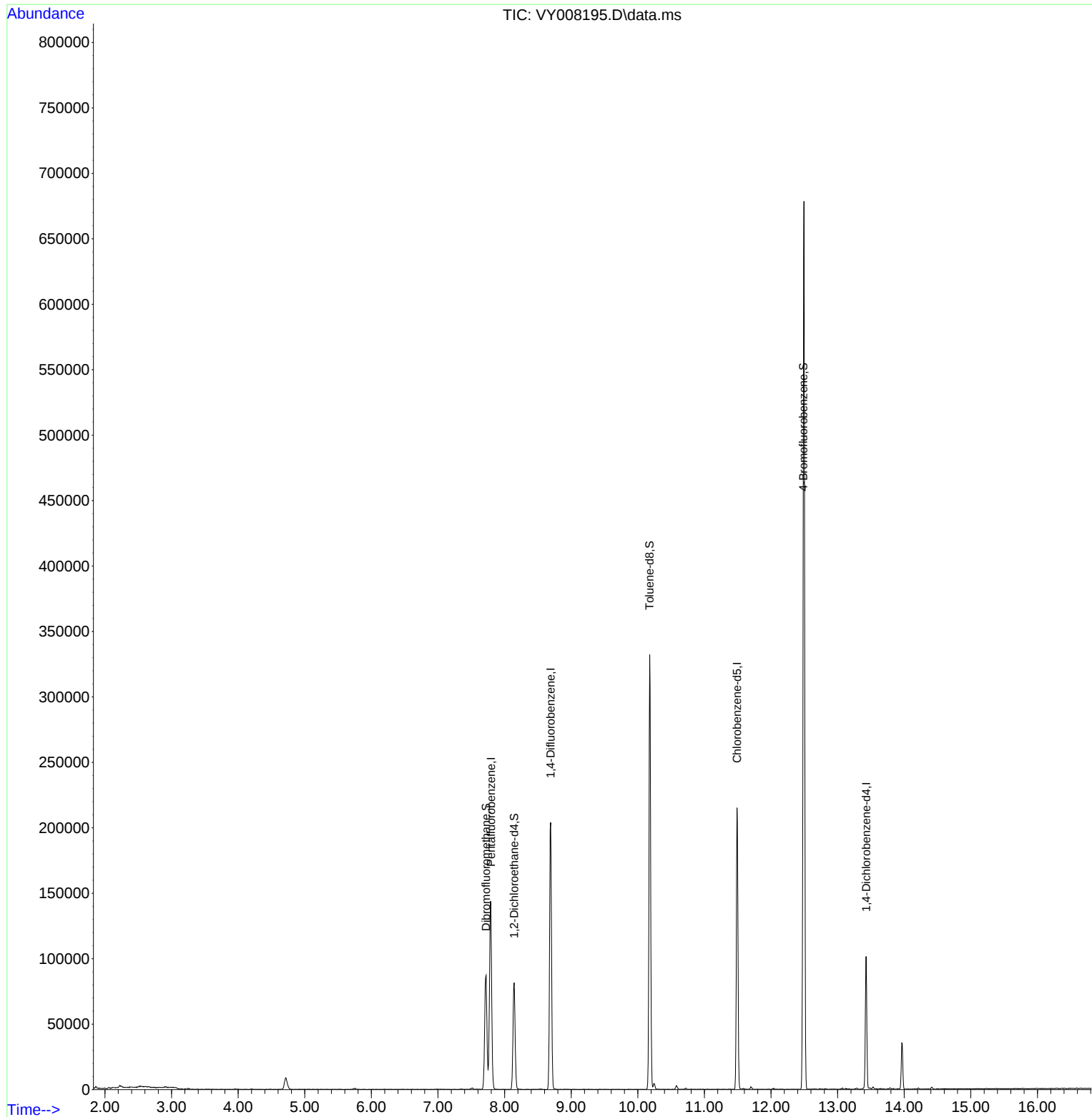
Target Compounds	Qvalue

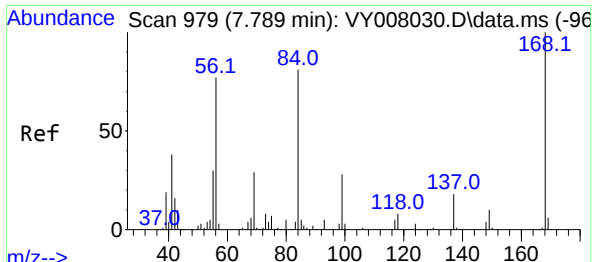
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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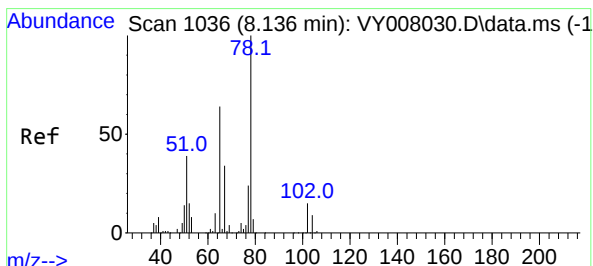
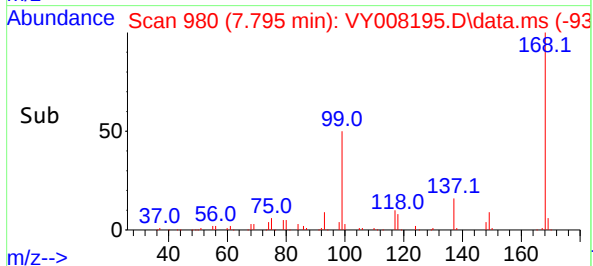
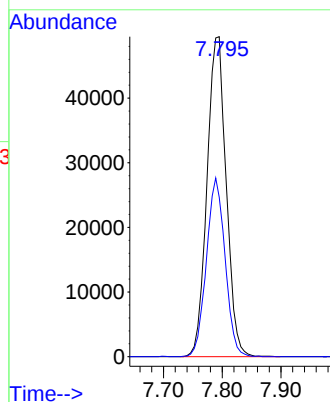
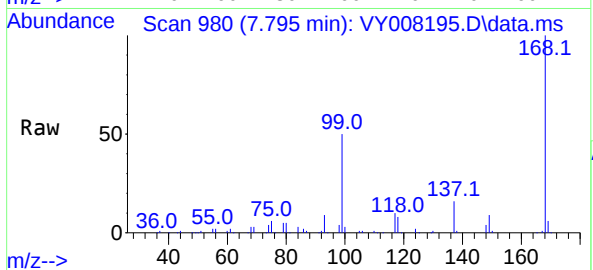




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

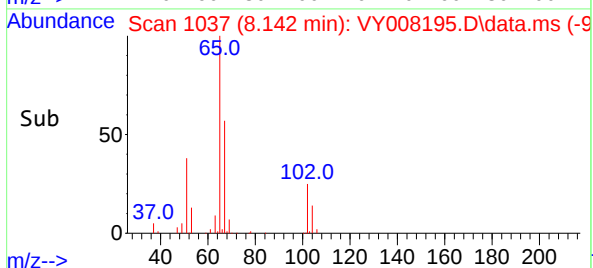
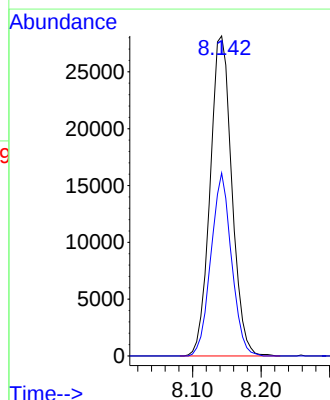
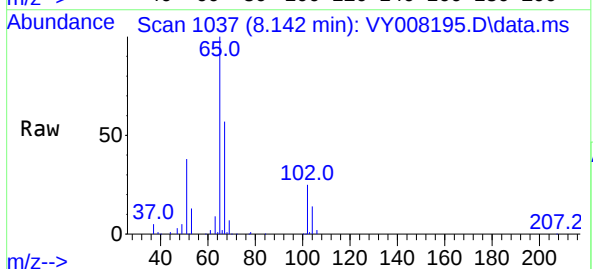
Instrument :
MSVOA_Y
ClientSampleId :
DUP-0401

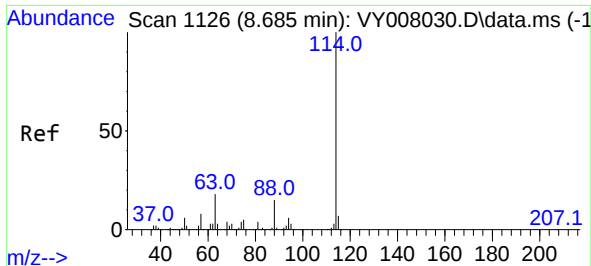
Tgt Ion:168 Resp: 112181
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.030 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

Tgt Ion: 65 Resp: 61937
Ion Ratio Lower Upper
65 100
67 54.0 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: VY008195.D

Acq: 04 Apr 2022 20:57

Instrument :

MSVOA_Y

ClientSampleId :

DUP-0401

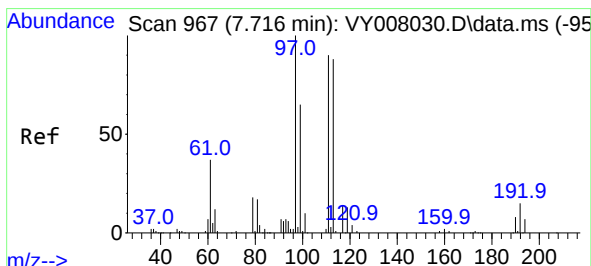
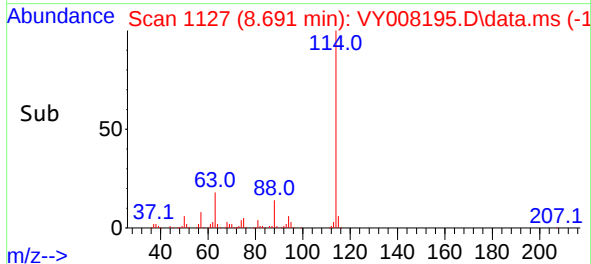
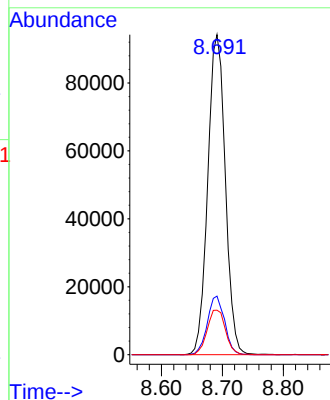
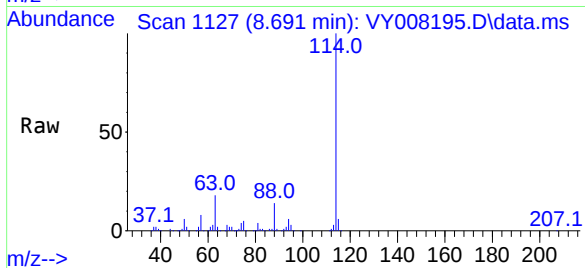
Tgt Ion:114 Resp: 188156

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.255 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008195.D

Acq: 04 Apr 2022 20:57

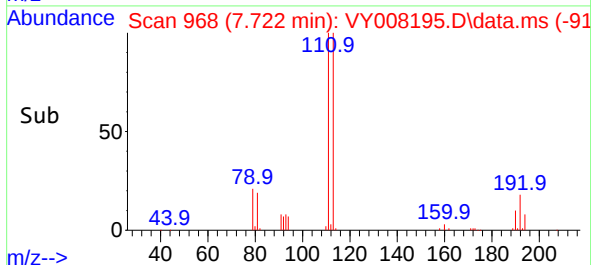
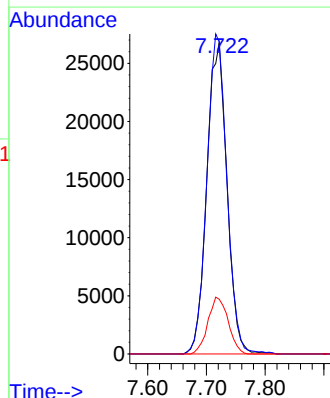
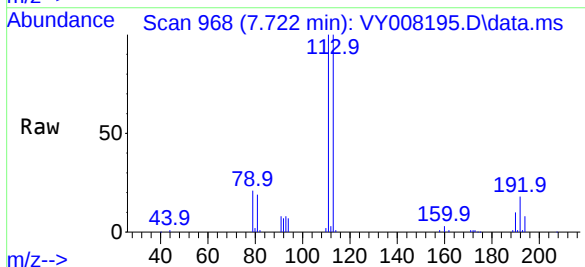
Tgt Ion:113 Resp: 64004

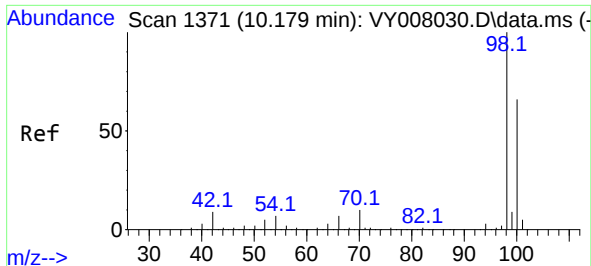
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 18.3 17.6 26.4

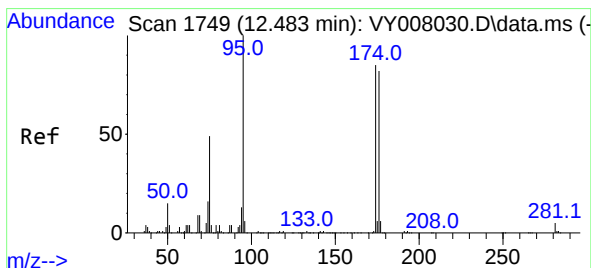
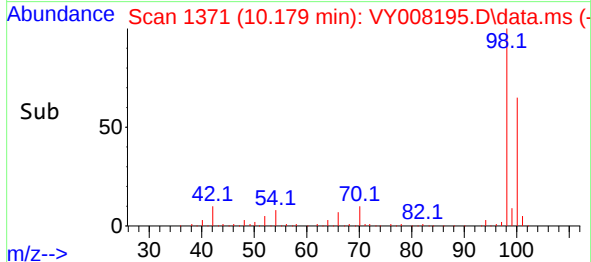
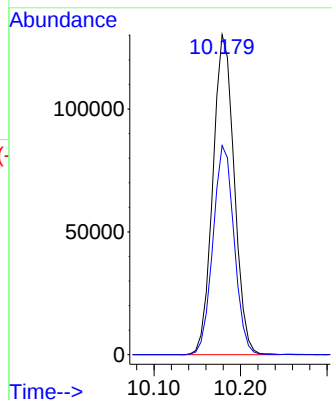
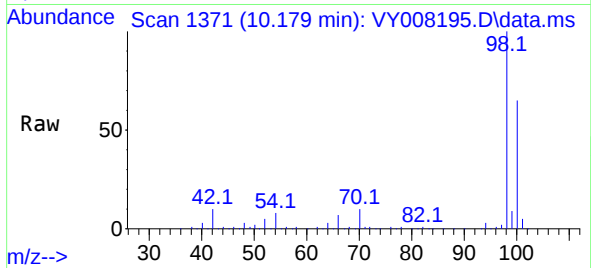




#50
Toluene-d8
Concen: 50.143 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

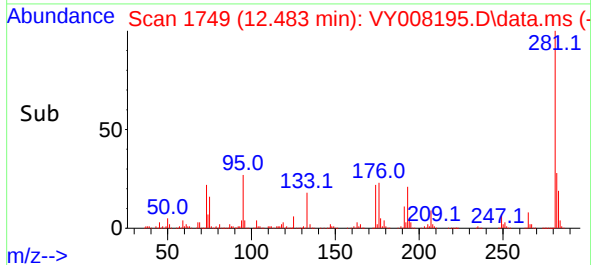
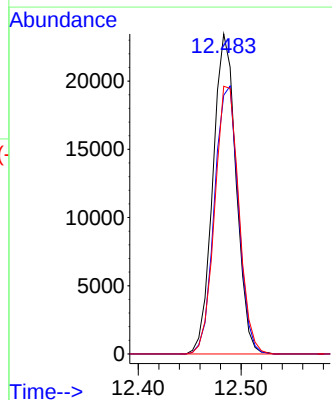
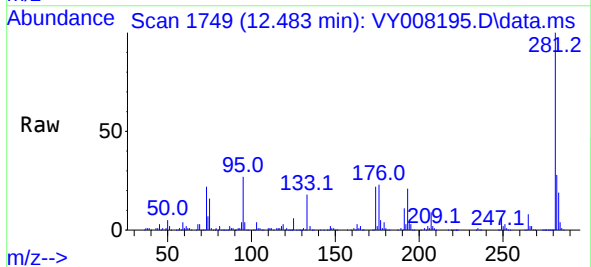
Instrument :
MSVOA_Y
ClientSampleId :
DUP-0401

Tgt Ion: 98 Resp: 222860
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 23.451 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

Tgt Ion: 95 Resp: 36771
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 86.7 0.0 175.8

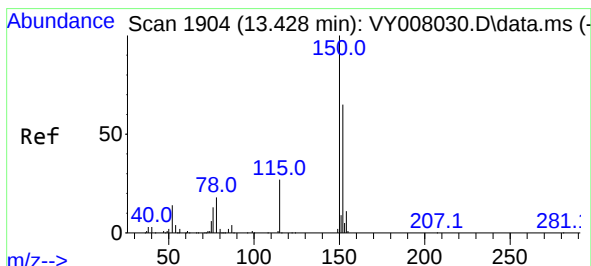
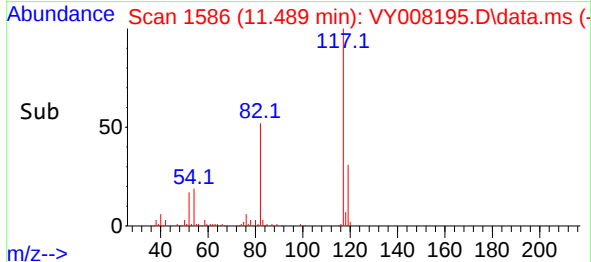
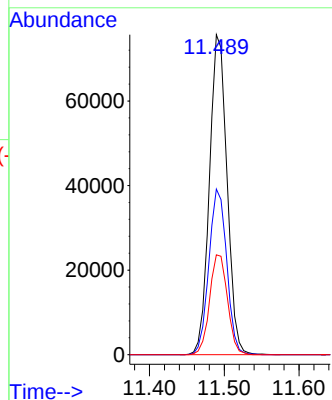
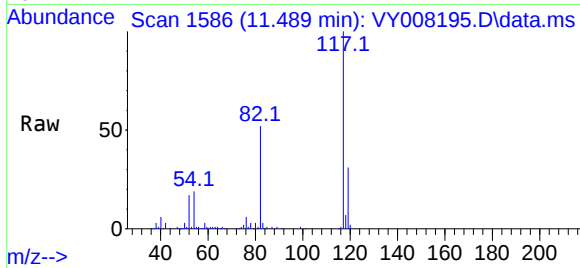




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008195.D
Acq: 04 Apr 2022 20:57

Instrument :
MSVOA_Y
ClientSampleId :
DUP-0401

Tgt Ion:117 Resp: 123619
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 31.2 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: VY008195.D
Acq: 04 Apr 2022 20:57

Tgt Ion:152 Resp: 25686
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 156.7 0.0 347.6

