

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007804.D
 Acq On : 09 Mar 2022 17:06
 Operator : SY/MD
 Sample : N1763-14
 Misc : 5.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 13-14-SAMPLE-LOCATION-7

Quant Time: Mar 10 01:04:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	209320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	357333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	135872	62.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.000%
35) Dibromofluoromethane	7.722	113	122877	53.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.580%
50) Toluene-d8	10.185	98	437317	52.003	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.000%
62) 4-Bromofluorobenzene	12.483	95	120642	44.505	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.000%

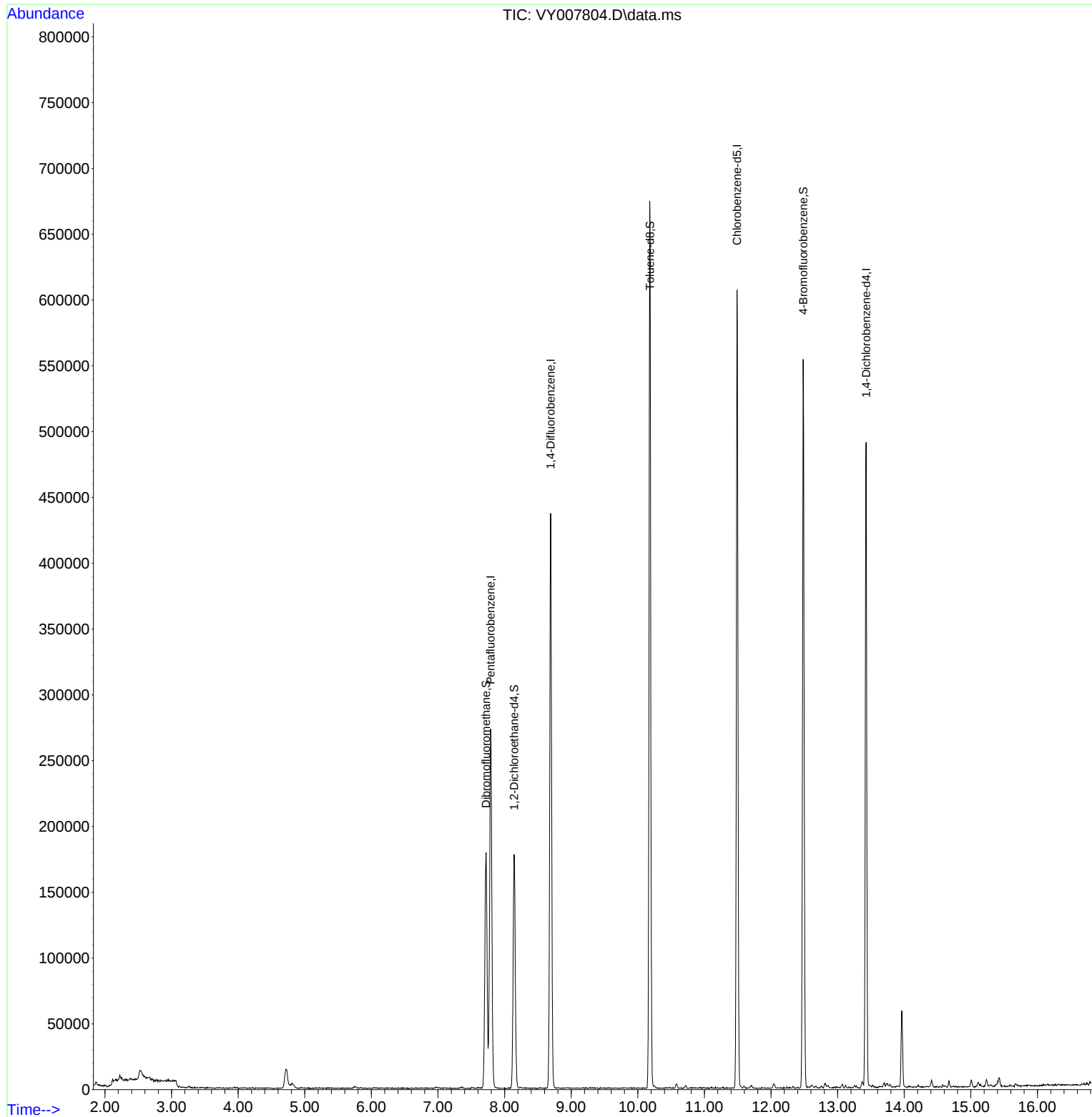
Target Compounds	Qvalue

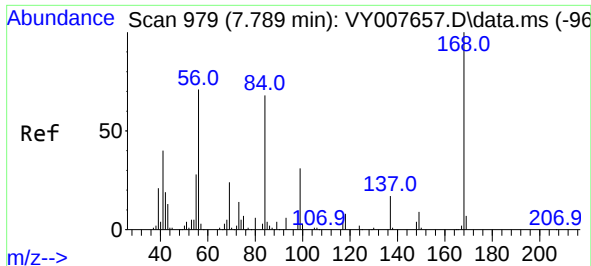
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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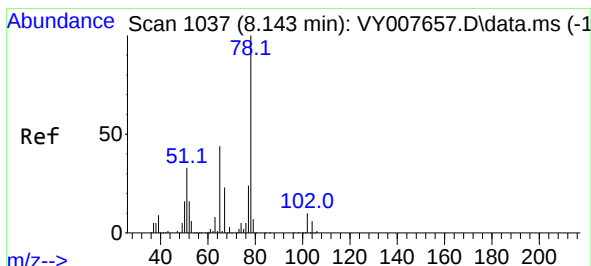
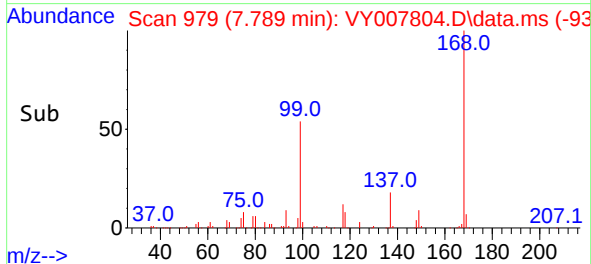
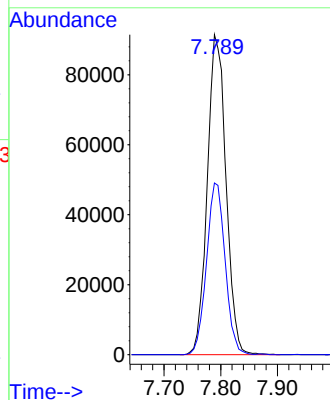
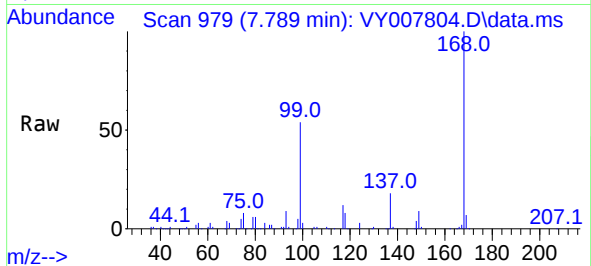




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

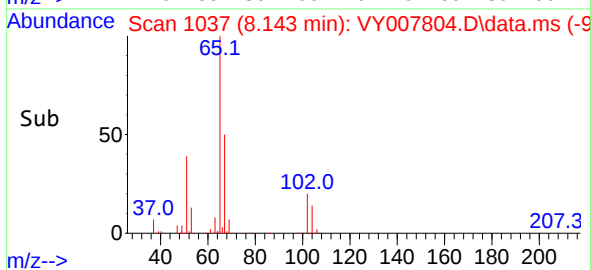
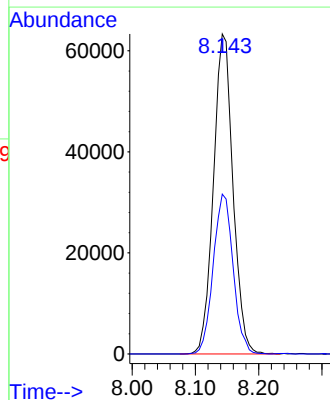
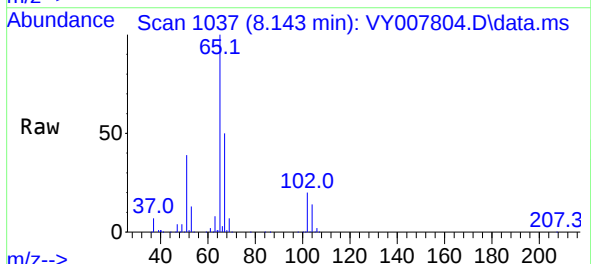
Instrument :
MSVOA_Y
ClientSampleId :
13-14-SAMPLE-LOCATION-7

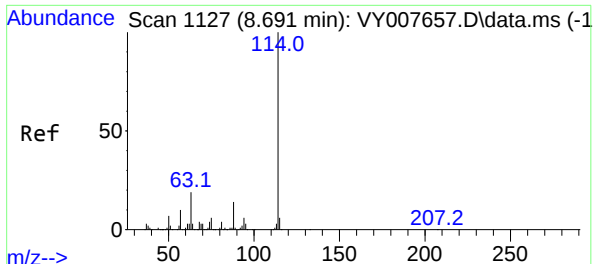
Tgt Ion:168 Resp: 209320
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.003 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

Tgt Ion: 65 Resp: 135872
Ion Ratio Lower Upper
65 100
67 50.8 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: VY007804.D

Acq: 09 Mar 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

13-14-SAMPLE-LOCATION-7

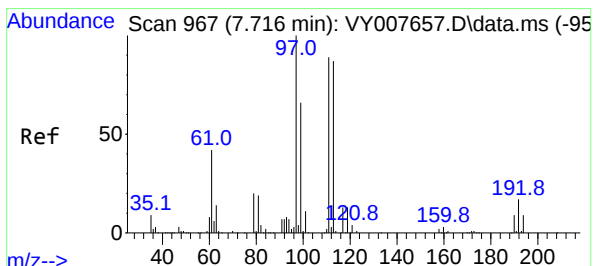
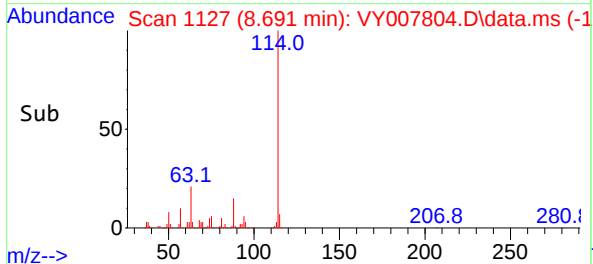
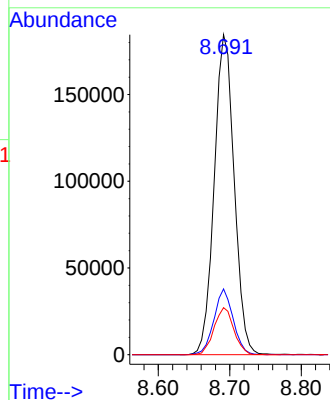
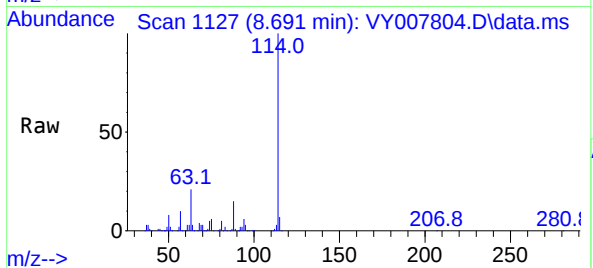
Tgt Ion:114 Resp: 357333

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.786 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007804.D

Acq: 09 Mar 2022 17:06

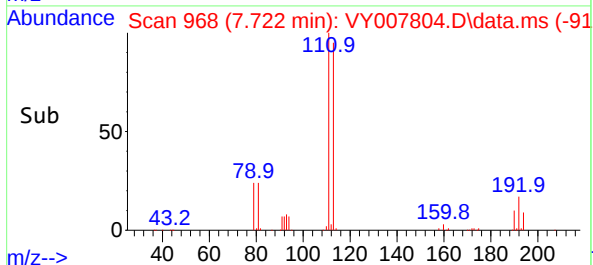
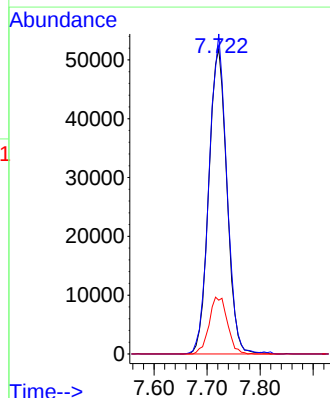
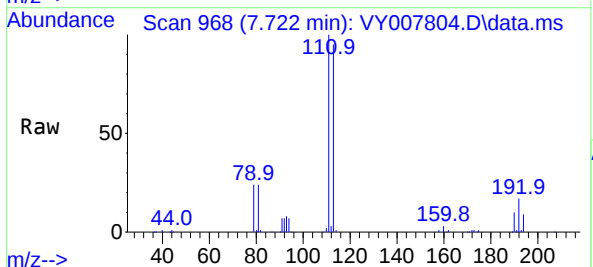
Tgt Ion:113 Resp: 122877

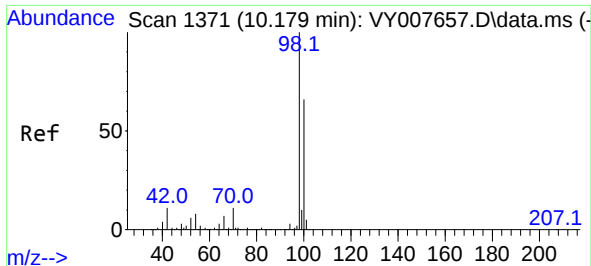
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 18.8 17.6 26.4

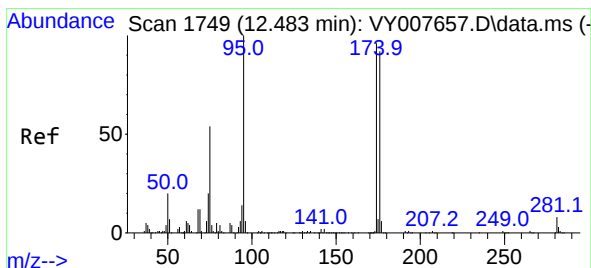
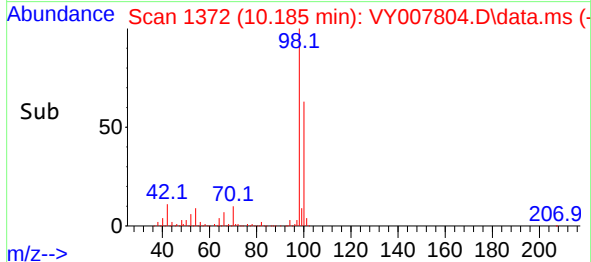
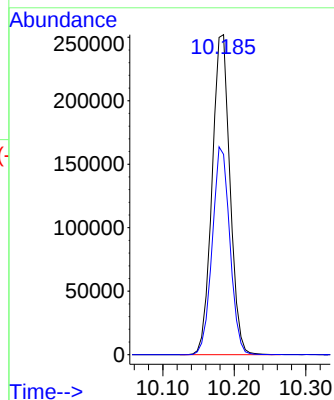
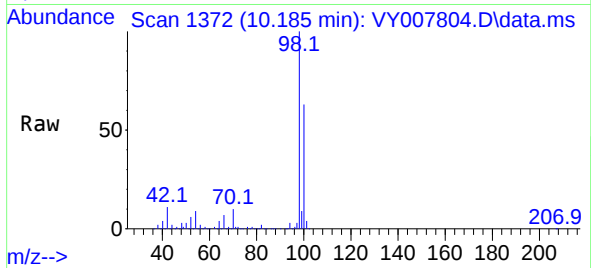




#50
Toluene-d8
Concen: 52.003 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

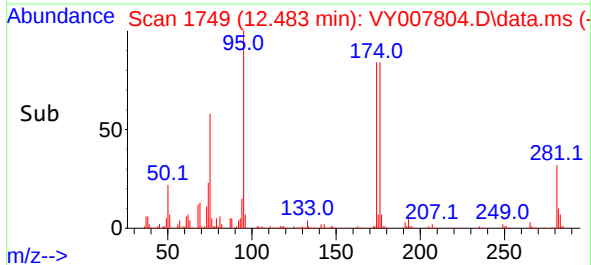
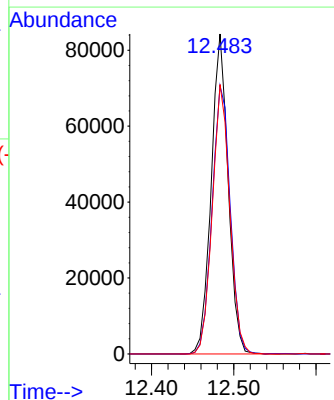
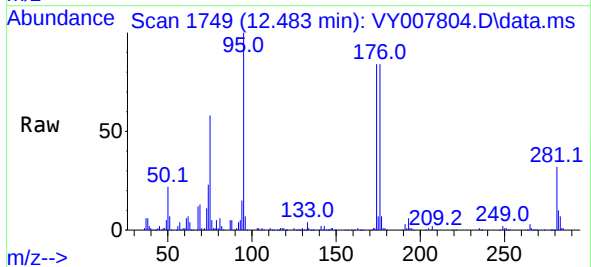
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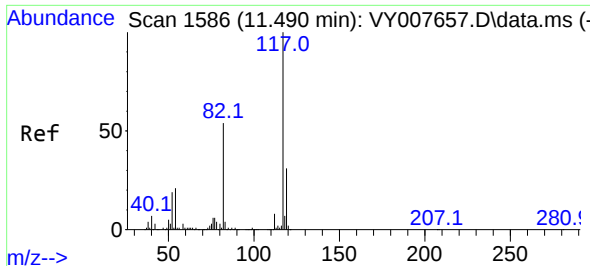
Tgt Ion: 98 Resp: 437317
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.505 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

Tgt Ion: 95 Resp: 120642
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 87.1 0.0 175.8

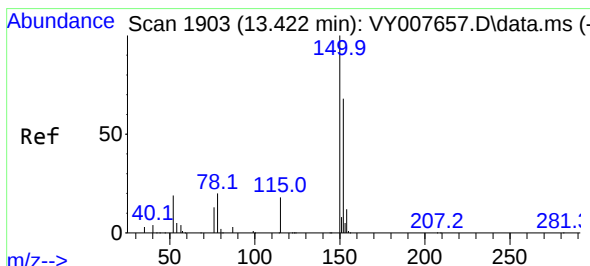
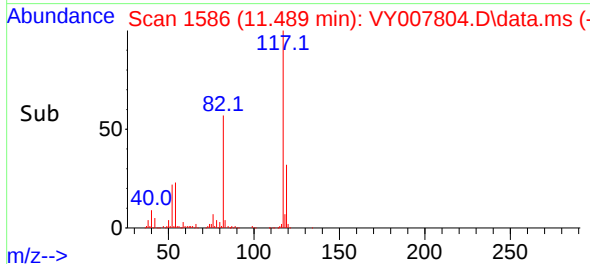
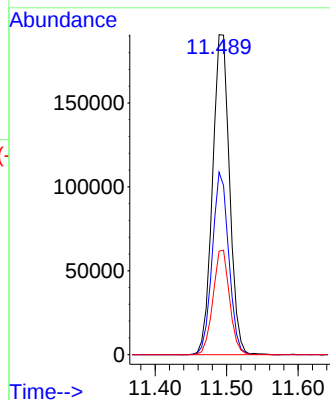
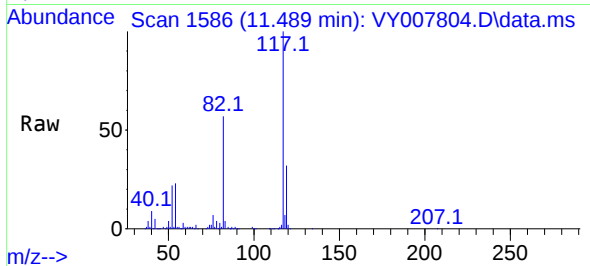




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :
13-14-SAMPLE-LOCATION-7

Tgt Ion:117 Resp: 315123
Ion Ratio Lower Upper
117 100
82 57.0 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. 0.006 min
Lab File: VY007804.D
Acq: 09 Mar 2022 17:06

Tgt Ion:152 Resp: 117467
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 157.4 0.0 347.6

