

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007806.D
 Acq On : 09 Mar 2022 17:53
 Operator : SY/MD
 Sample : N1763-16
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 17-18-SAMPLE-LOCATION-9

Quant Time: Mar 10 01:04:37 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	7.795	168	202026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	348280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	316402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	132665	62.725	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.440%
35) Dibromofluoromethane	7.715	113	118093	53.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.080%
50) Toluene-d8	10.178	98	428739	52.308	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.483	95	122373	46.317	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.640%

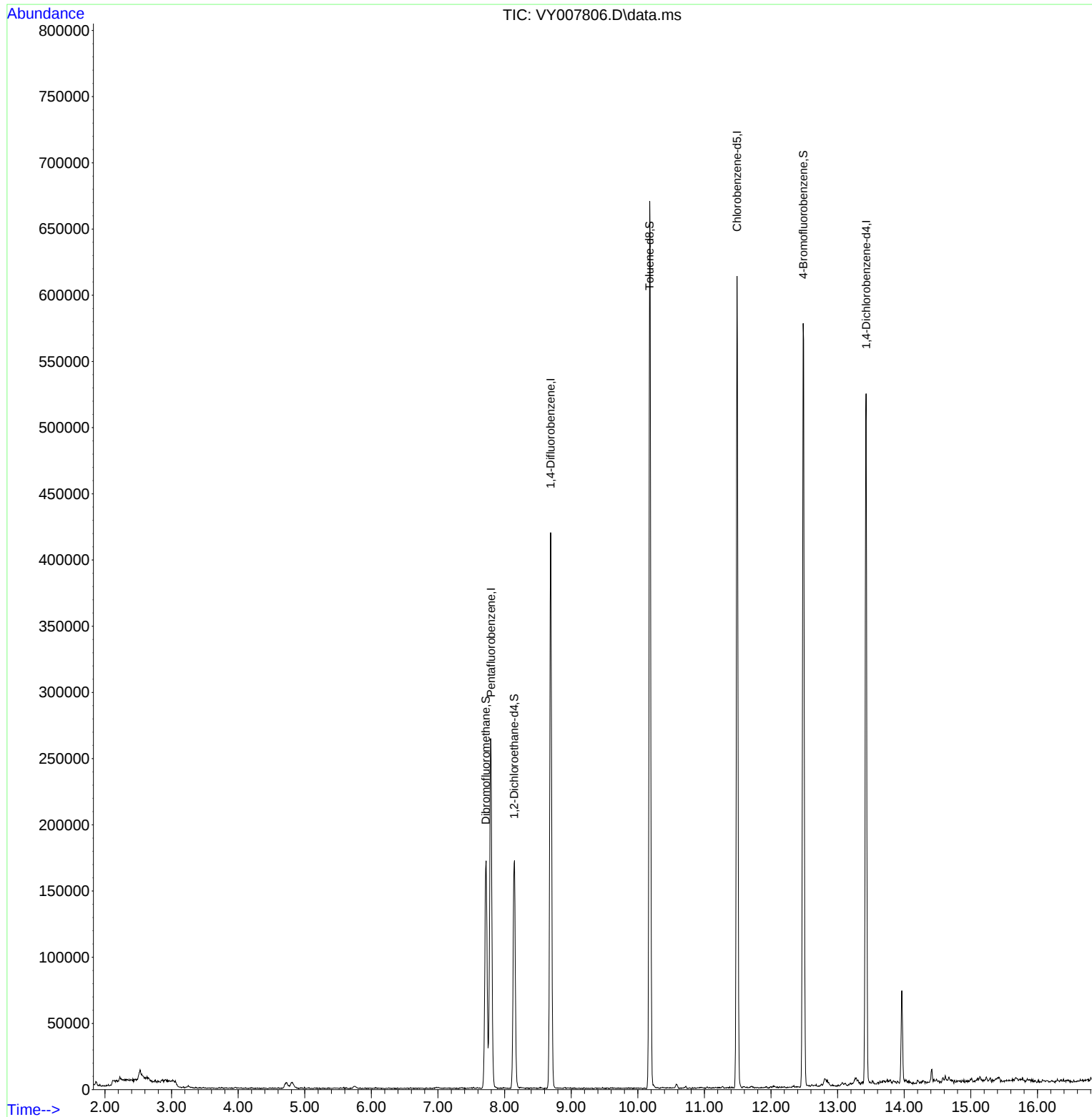
Target Compounds	Qvalue

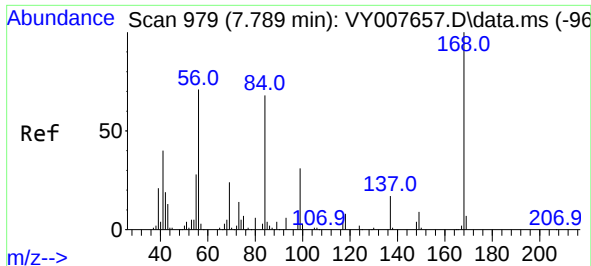
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY007806.D

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Instrument :

MSVOA_Y

ClientSampleId :

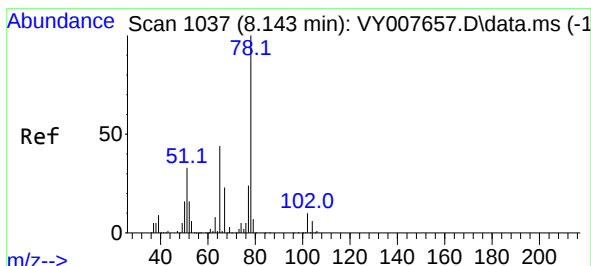
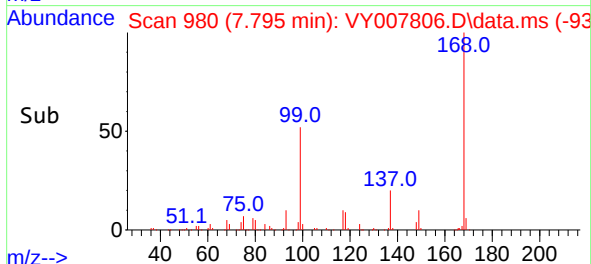
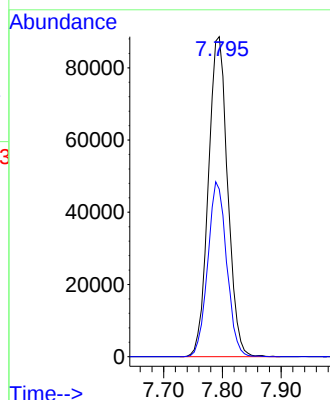
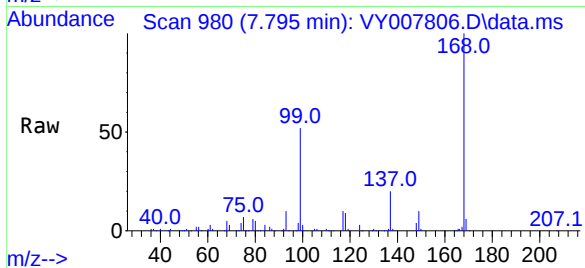
17-18-SAMPLE-LOCATION-9

Tgt Ion:168 Resp: 202026

Ion Ratio Lower Upper

168 100

99 52.4 46.9 70.3



#33

1,2-Dichloroethane-d4

Concen: 62.725 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007806.D

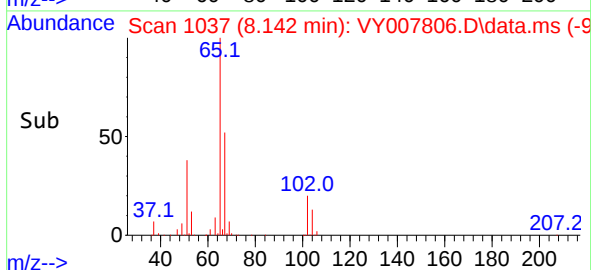
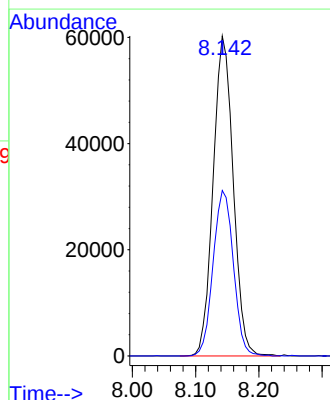
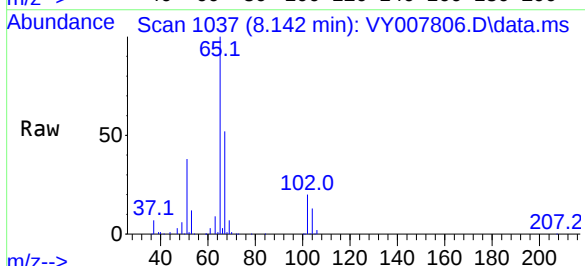
Acq: 09 Mar 2022 17:53

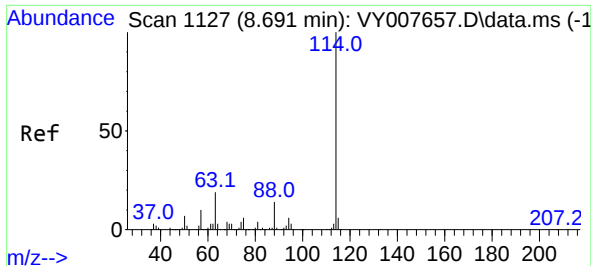
Tgt Ion: 65 Resp: 132665

Ion Ratio Lower Upper

65 100

67 52.2 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: VY007806.D

Acq: 09 Mar 2022 17:53

Instrument :

MSVOA_Y

ClientSampleId :

17-18-SAMPLE-LOCATION-9

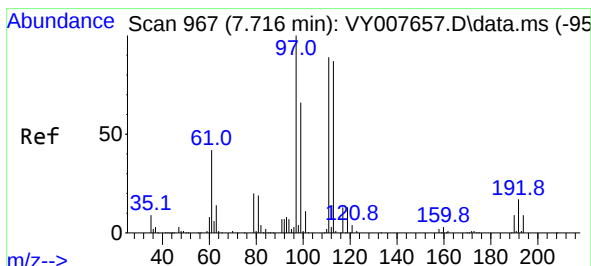
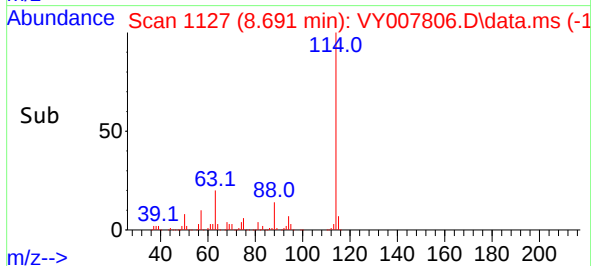
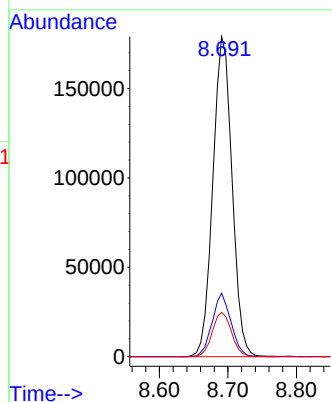
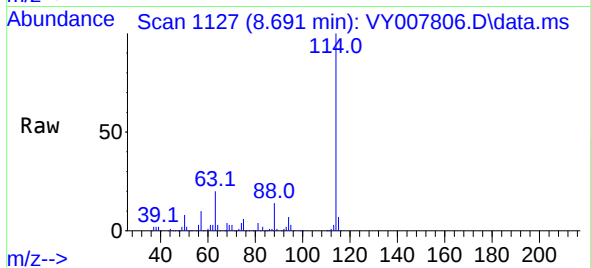
Tgt Ion:114 Resp: 348280

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.036 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY007806.D

Acq: 09 Mar 2022 17:53

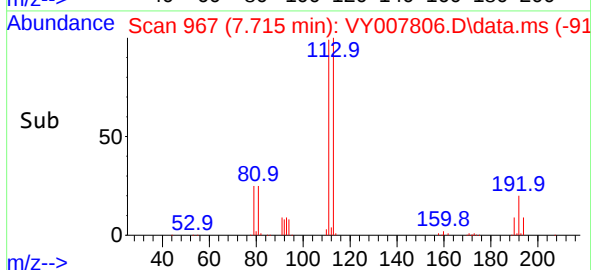
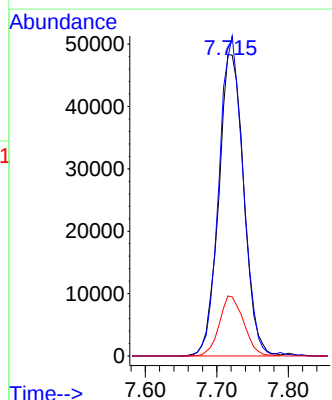
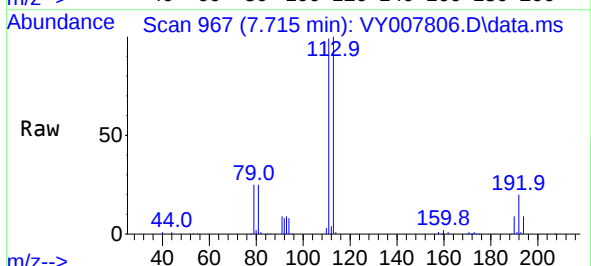
Tgt Ion:113 Resp: 118093

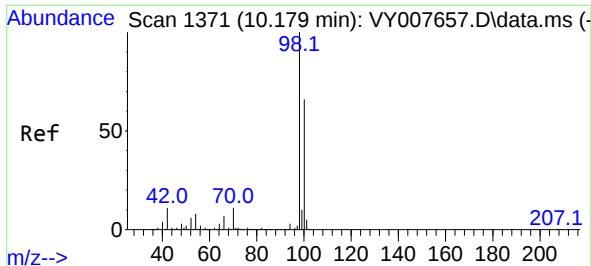
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 19.3 17.6 26.4

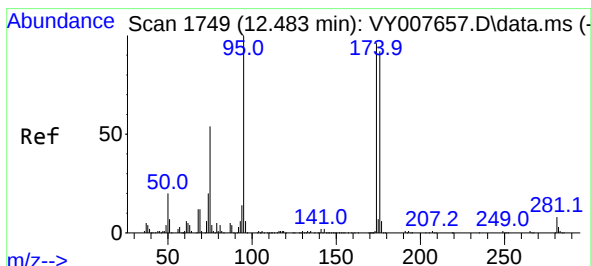
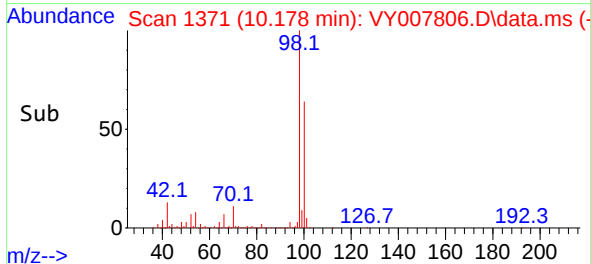
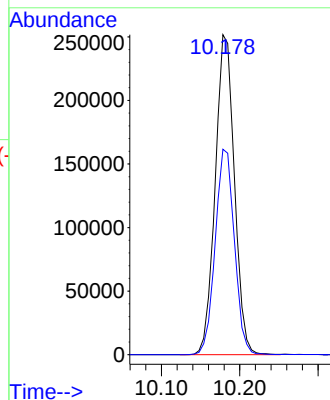
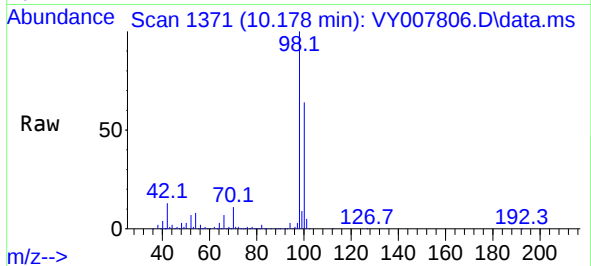




#50
Toluene-d8
Concen: 52.308 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007806.D
Acq: 09 Mar 2022 17:53

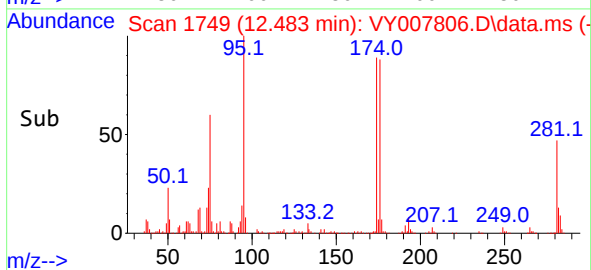
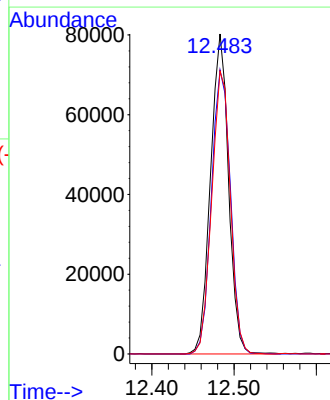
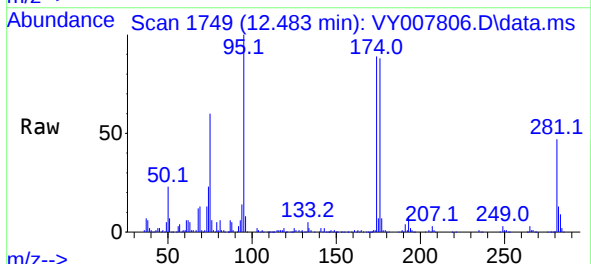
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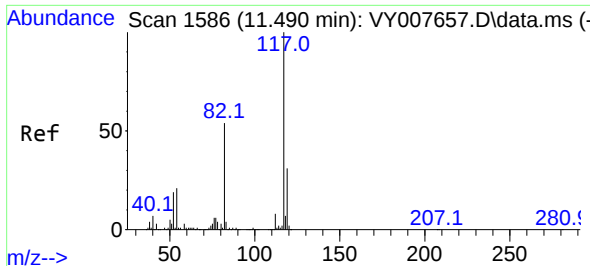
Tgt Ion: 98 Resp: 428739
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.317 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007806.D
Acq: 09 Mar 2022 17:53

Tgt Ion: 95 Resp: 122373
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 91.0 0.0 175.8

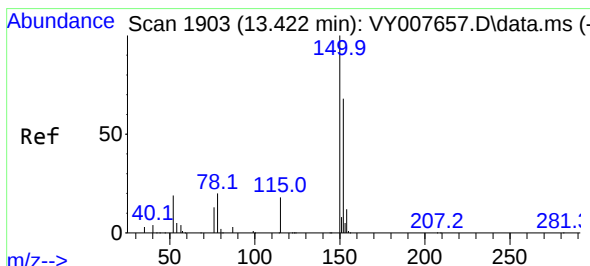
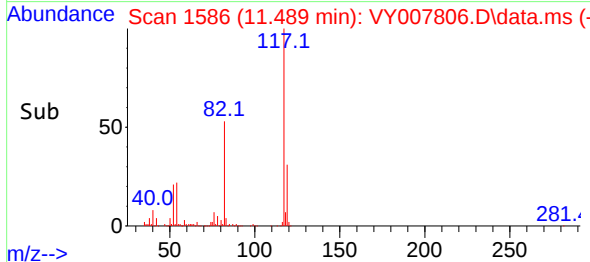
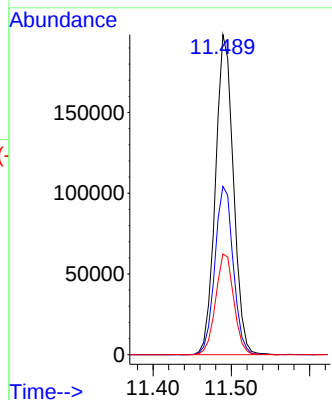
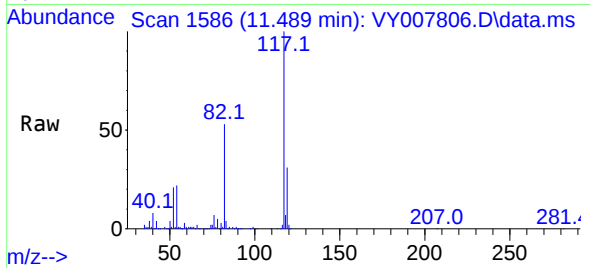




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1158
Delta R.T. -0.001 min
Lab File: VY007806.D
Acq: 09 Mar 2022 17:53

Instrument : MSVOA_Y
ClientSampleId : 17-18-SAMPLE-LOCATION-9

Tgt Ion:117 Resp: 316402
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.5 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: VY007806.D
Acq: 09 Mar 2022 17:53

Tgt Ion:152 Resp: 128571
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 158.6 0.0 347.6

