

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007399.D
 Acq On : 04 Feb 2022 17:00
 Operator : SY/MD
 Sample : N1387-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26516

Quant Time: Feb 06 23:37:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	66922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	121815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	108854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	38847	50.466	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.940%
35) Dibromofluoromethane	7.716	113	38321	48.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.980%
50) Toluene-d8	10.179	98	147023	50.874	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.740%
62) 4-Bromofluorobenzene	12.477	95	48002	48.869	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.740%

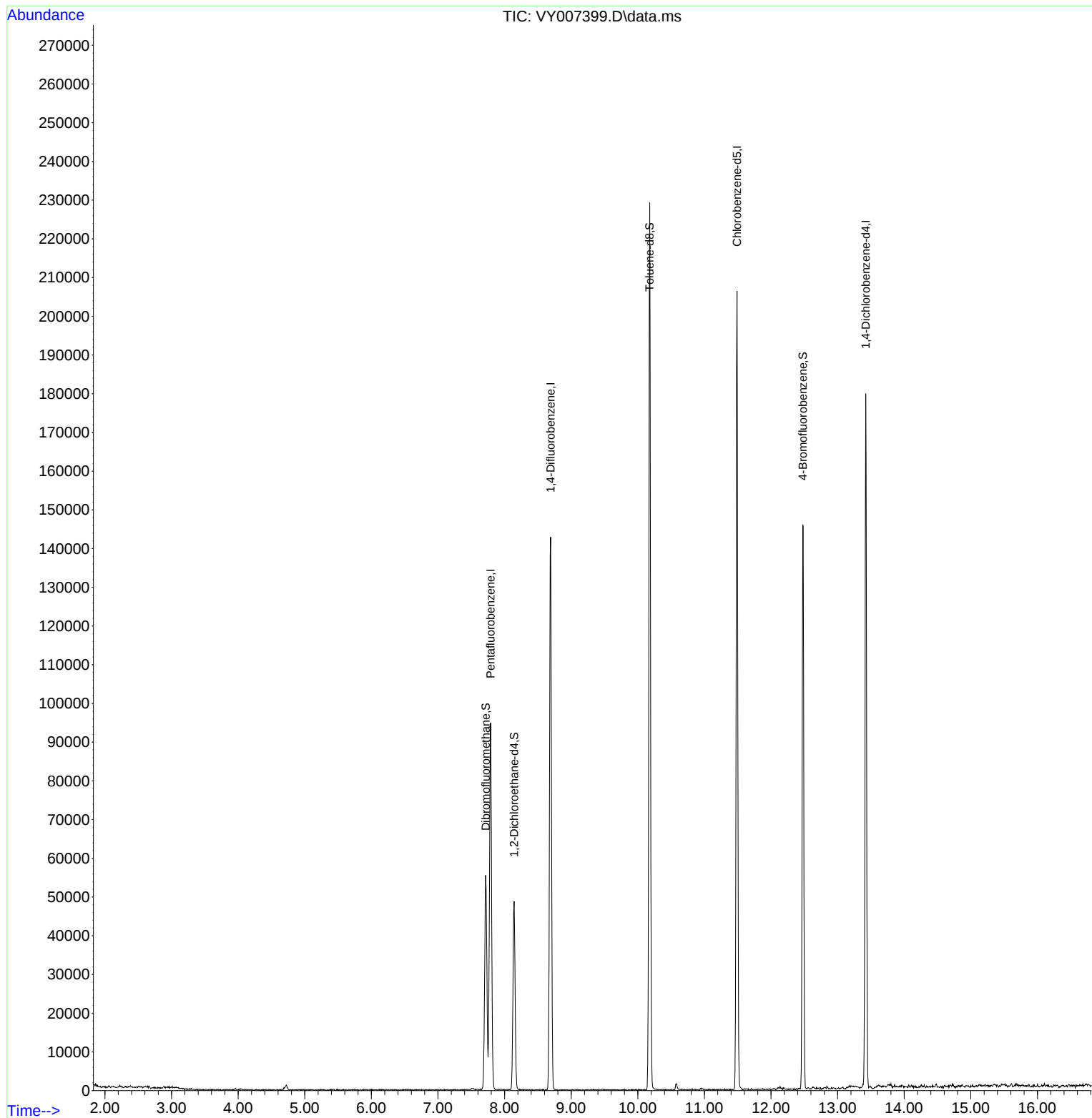
Target Compounds	Qvalue

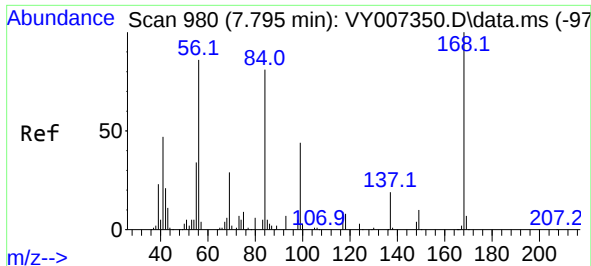
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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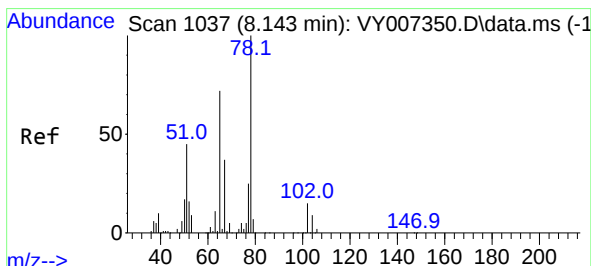
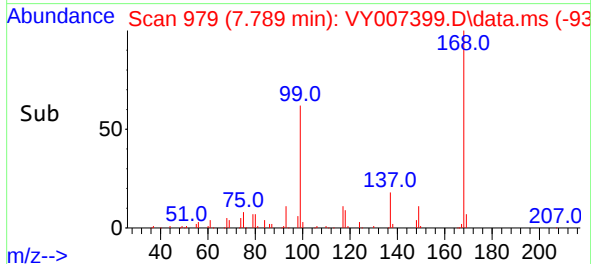
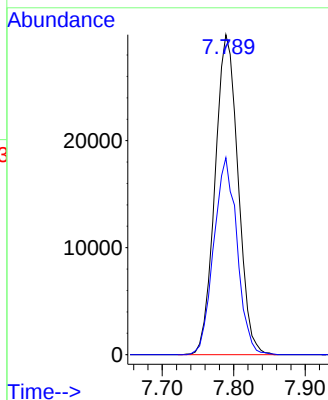
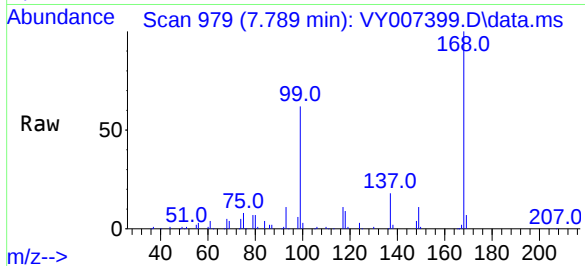




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

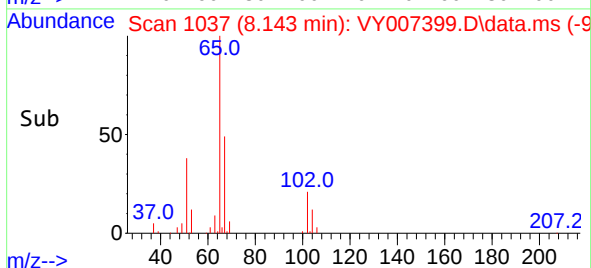
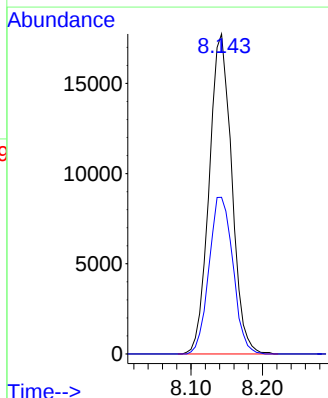
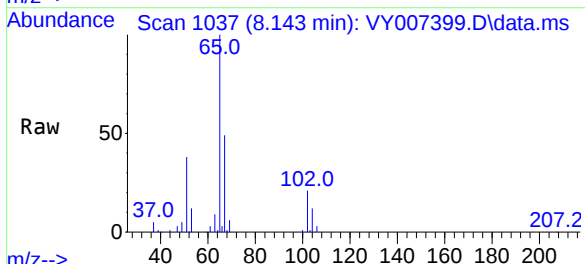
Instrument :
MSVOA_Y
ClientSampleId :
26516

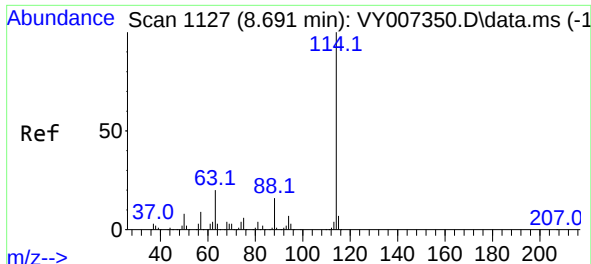
Tgt Ion:168 Resp: 66922
Ion Ratio Lower Upper
168 100
99 61.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.466 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

Tgt Ion: 65 Resp: 38847
Ion Ratio Lower Upper
65 100
67 52.0 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: VY007399.D

Acq: 04 Feb 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

26516

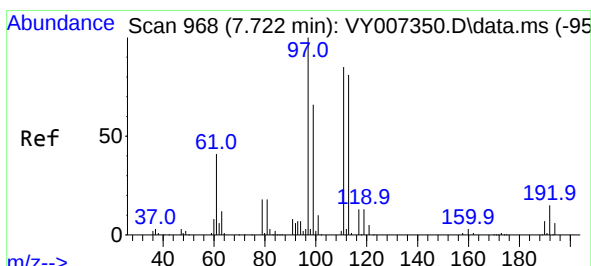
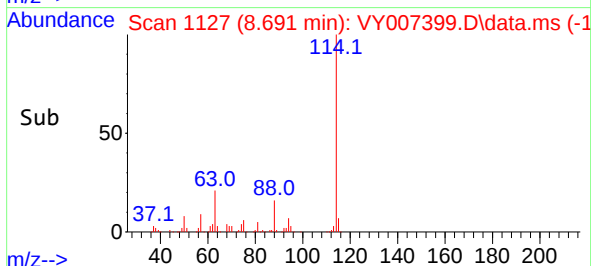
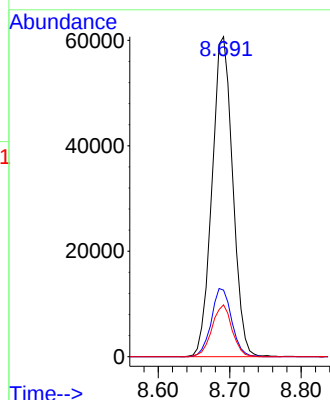
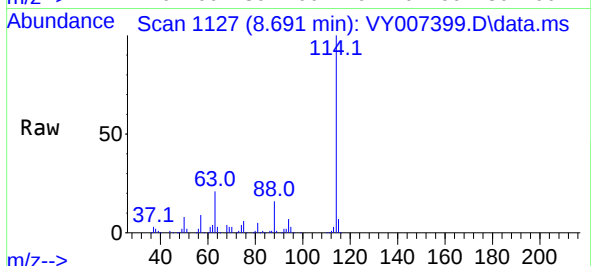
Tgt Ion:114 Resp: 121815

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.990 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007399.D

Acq: 04 Feb 2022 17:00

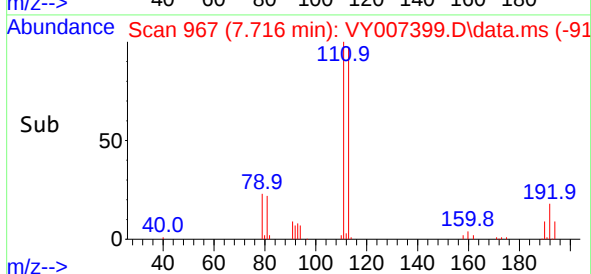
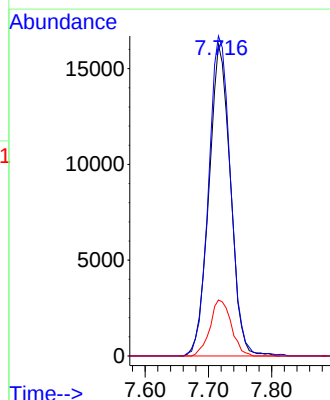
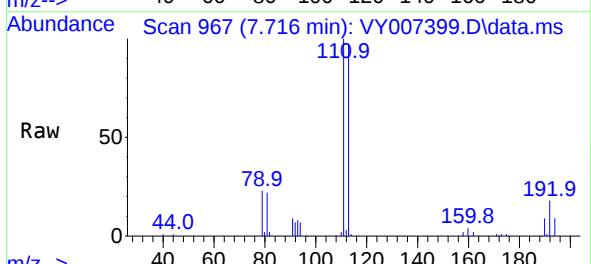
Tgt Ion:113 Resp: 38321

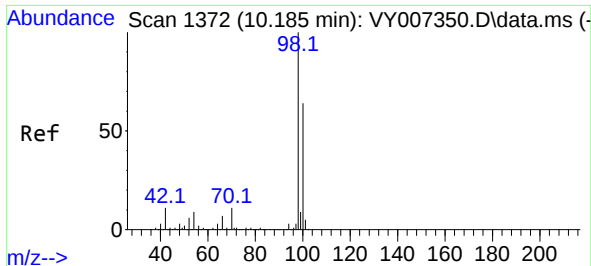
Ion Ratio Lower Upper

113 100

111 104.8 82.6 124.0

192 17.8 17.6 26.4

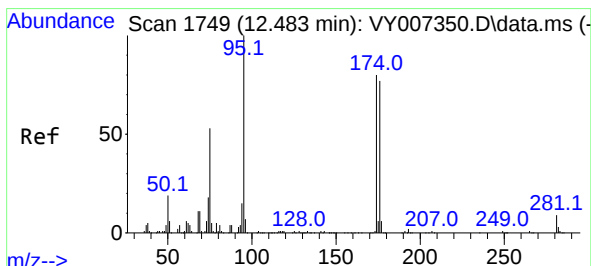
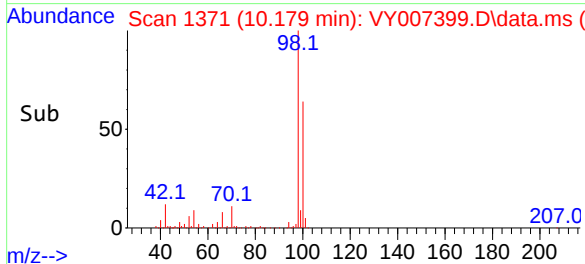
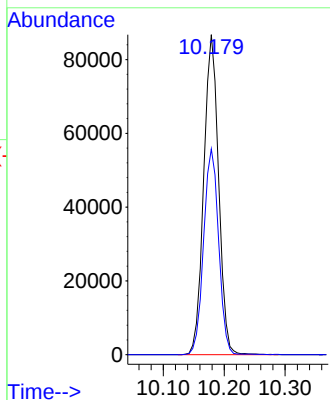
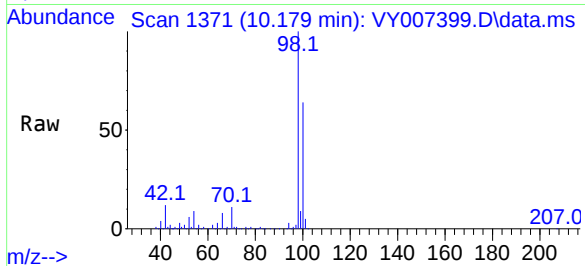




#50
Toluene-d8
Concen: 50.874 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

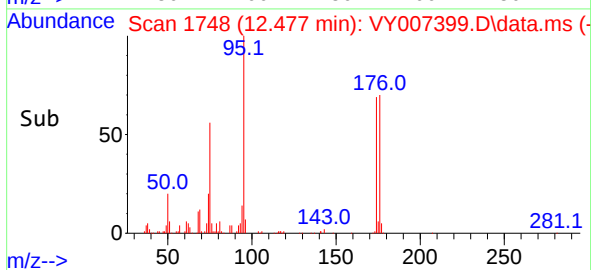
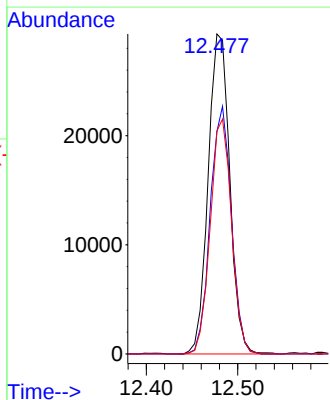
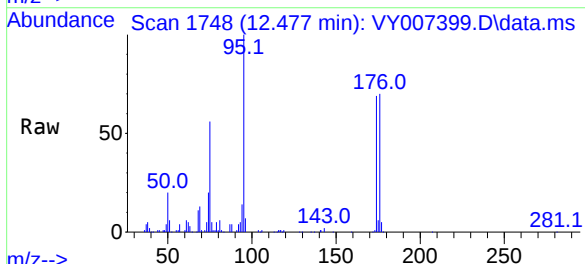
Instrument :
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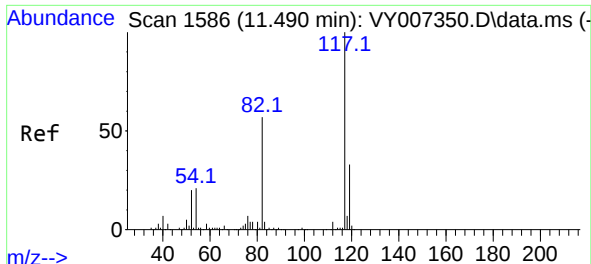
Tgt Ion: 98 Resp: 147023
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.869 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

Tgt Ion: 95 Resp: 48002
Ion Ratio Lower Upper
95 100
174 75.7 0.0 177.0
176 72.3 0.0 175.8

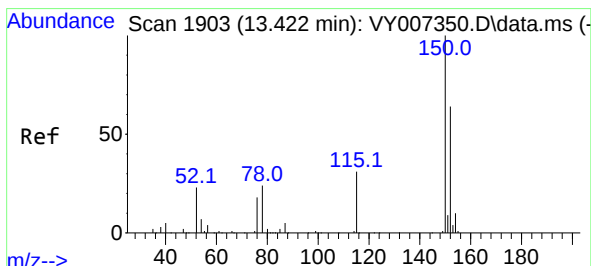
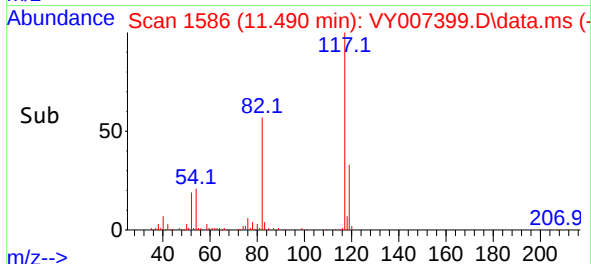
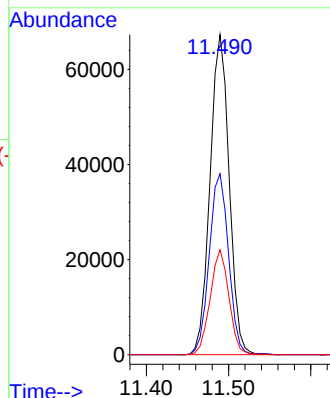
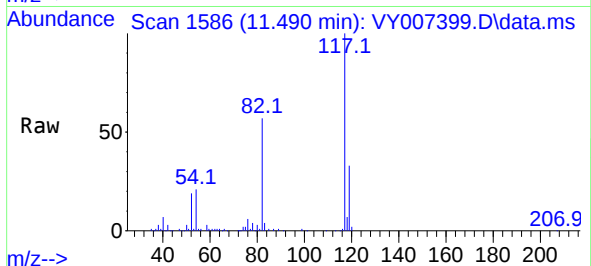




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
26516

Tgt Ion:117 Resp: 108854
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007399.D
Acq: 04 Feb 2022 17:00

Tgt Ion:152 Resp: 42395
Ion Ratio Lower Upper
152 100
115 62.7 28.2 84.7
150 158.9 0.0 347.6

