

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007540.D
 Acq On : 18 Feb 2022 12:18
 Operator : SY/MD
 Sample : VY0218SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0218SBL01

Quant Time: Feb 19 04:18:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	80736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	135773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46519	52.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.380%
35) Dibromofluoromethane	7.716	113	46330	51.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.640%
50) Toluene-d8	10.179	98	169016	49.776	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.483	95	61533	53.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.880%

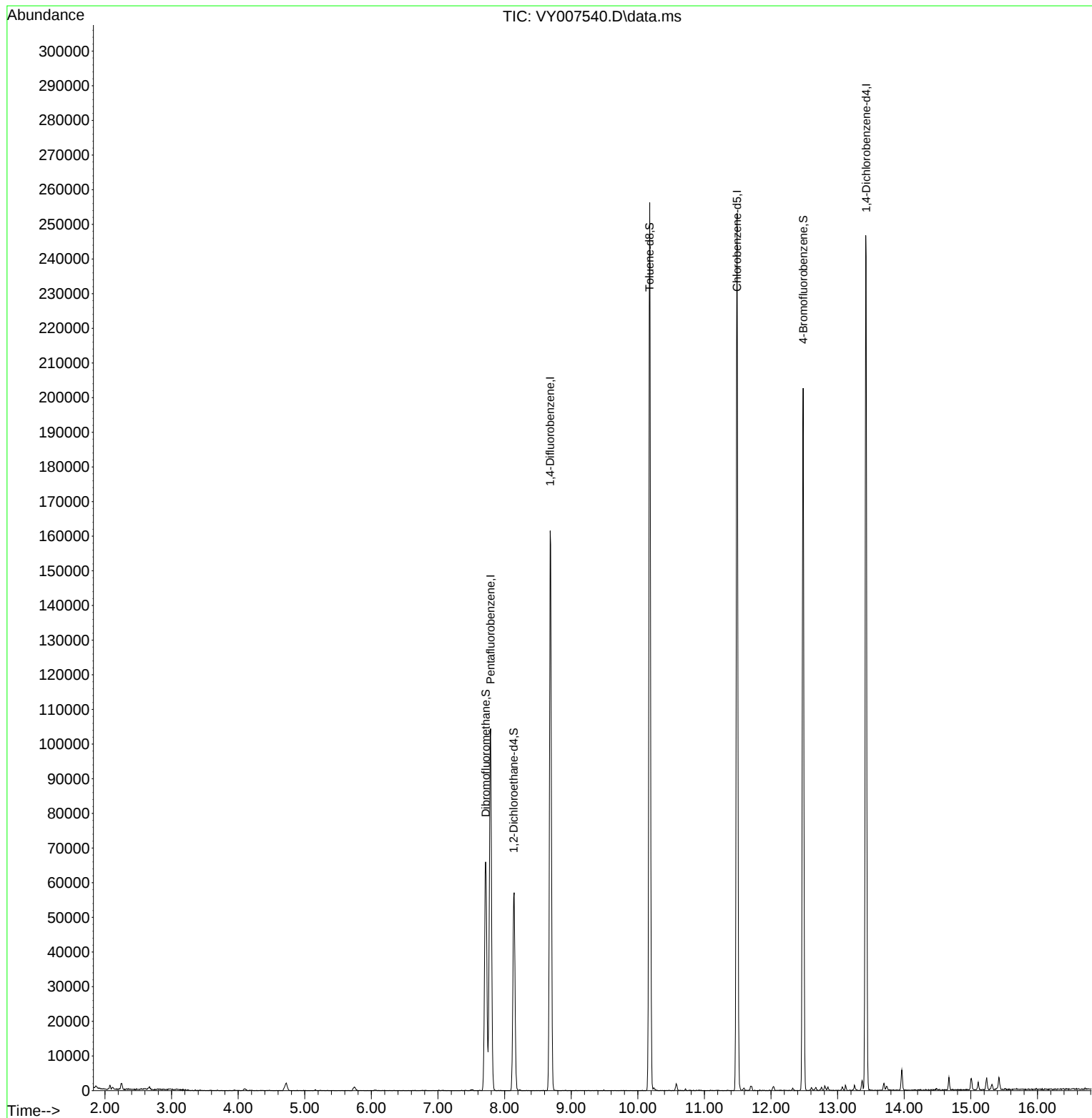
Target Compounds	Qvalue

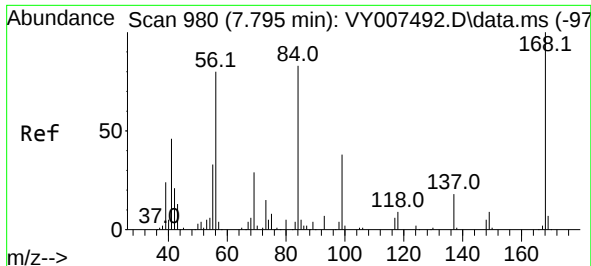
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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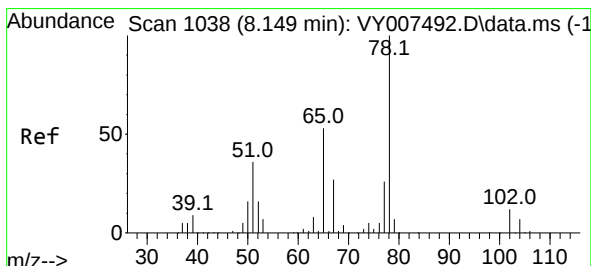
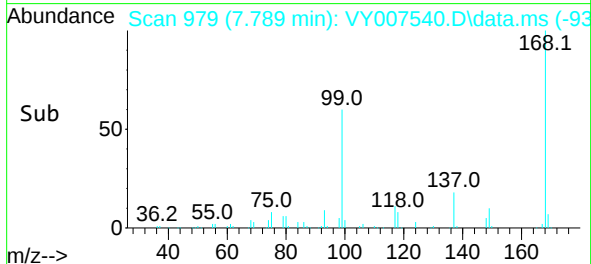
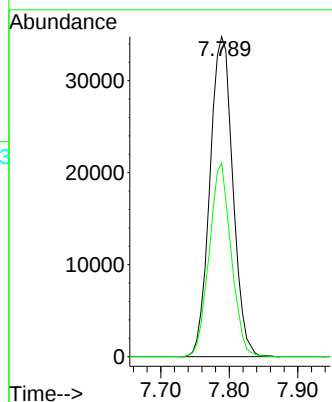
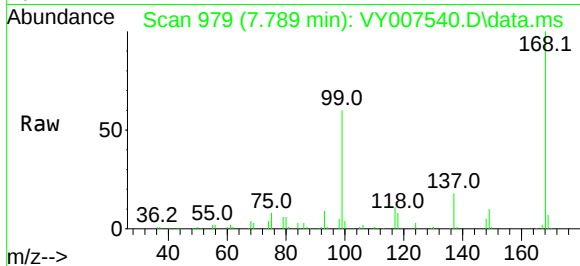




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

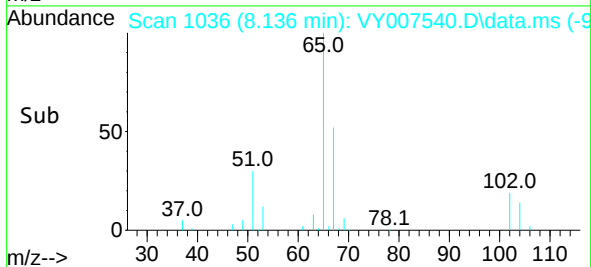
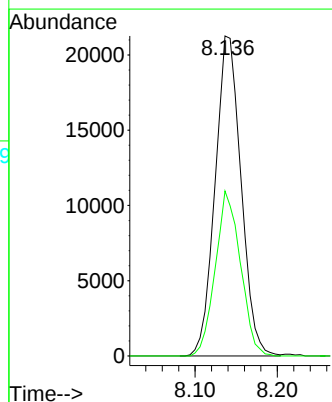
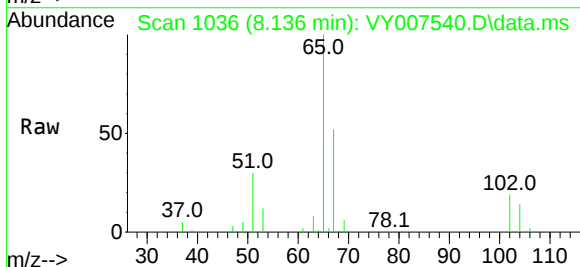
Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

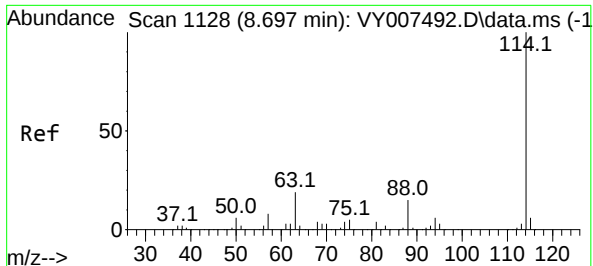
Tgt Ion:168 Resp: 80736
Ion Ratio Lower Upper
168 100
99 60.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.188 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

Tgt Ion: 65 Resp: 46519
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007540.D

Acq: 18 Feb 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0218SBL01

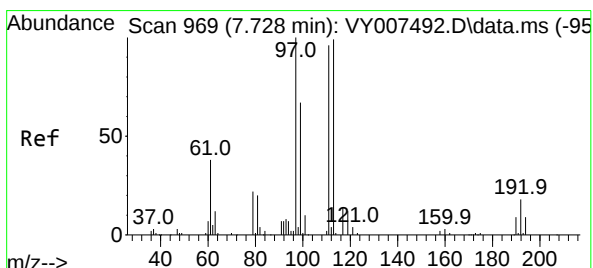
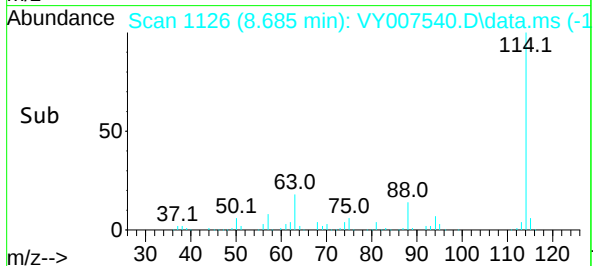
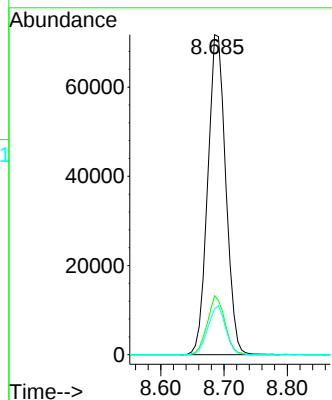
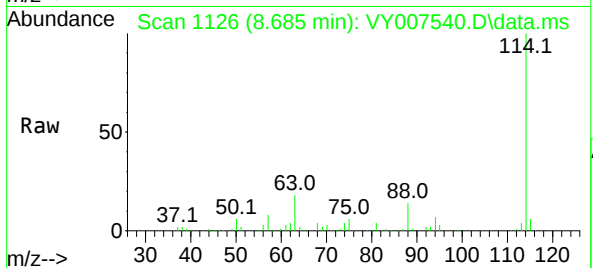
Tgt Ion:114 Resp: 141764

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.823 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007540.D

Acq: 18 Feb 2022 12:18

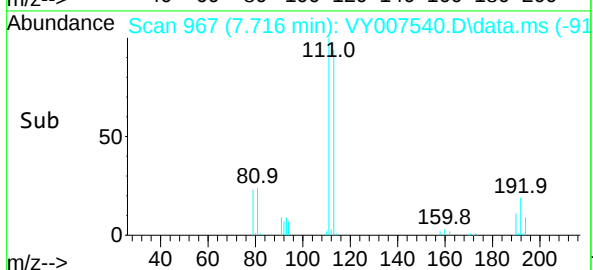
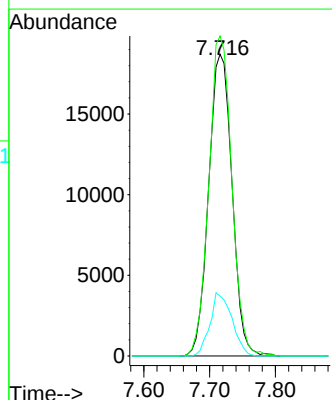
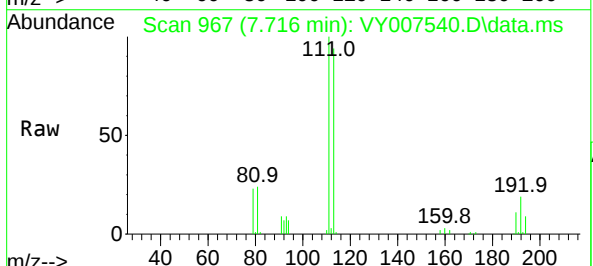
Tgt Ion:113 Resp: 46330

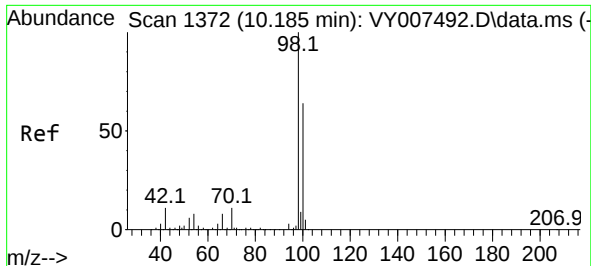
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 19.6 17.6 26.4

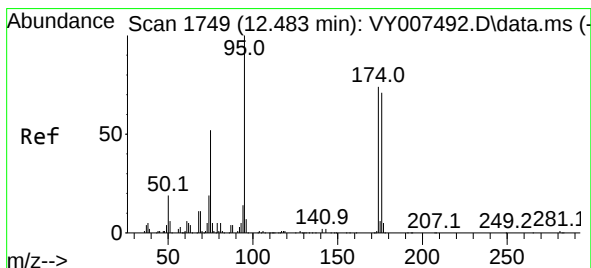
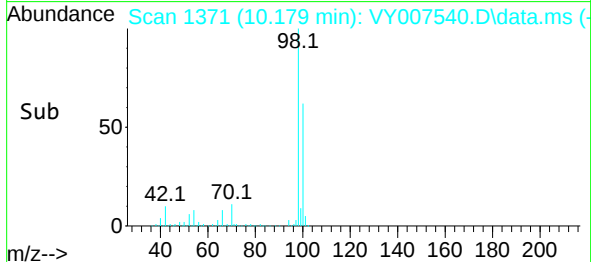
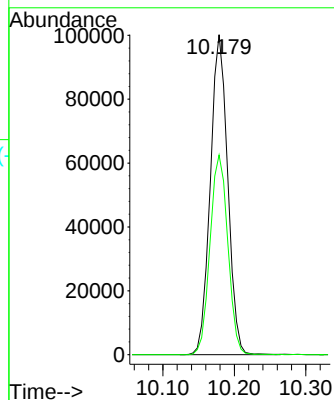
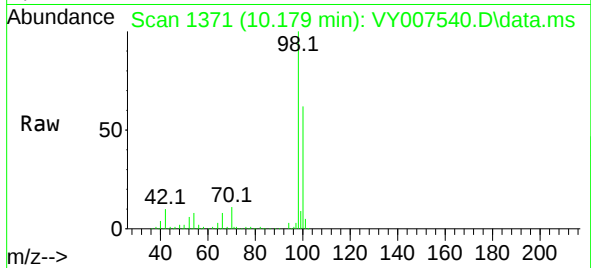




#50
Toluene-d8
Concen: 49.776 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

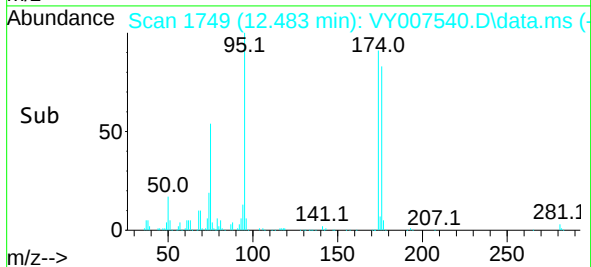
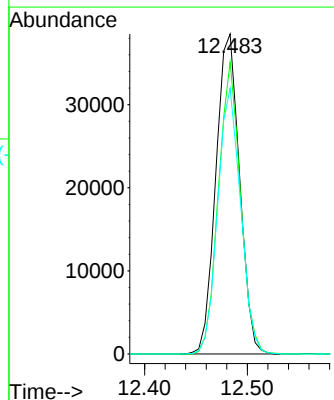
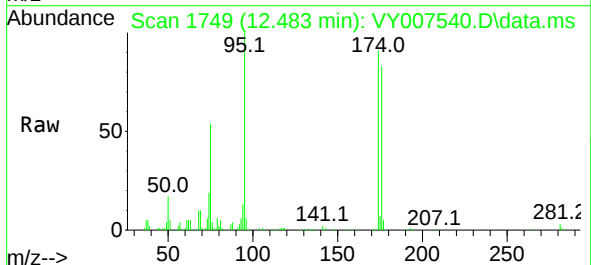
Instrument :
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ClientSampleId :
VY0218SBL01

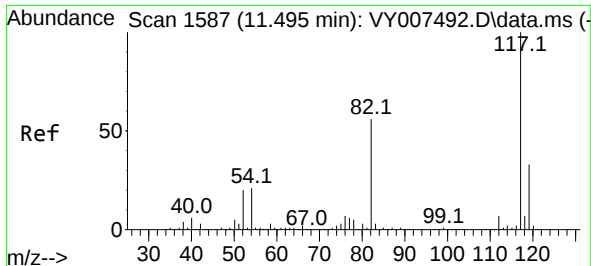
Tgt Ion: 98 Resp: 169016
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.444 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

Tgt Ion: 95 Resp: 61533
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 80.4 0.0 175.8

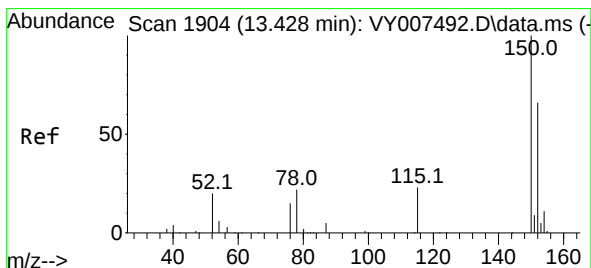
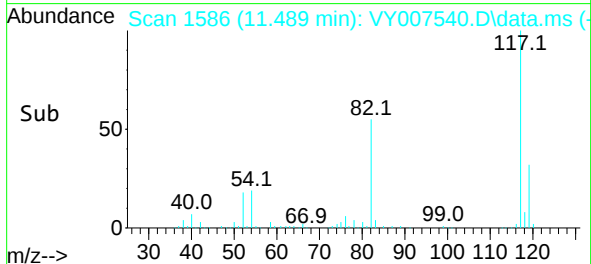
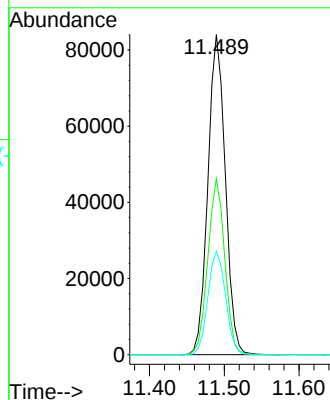
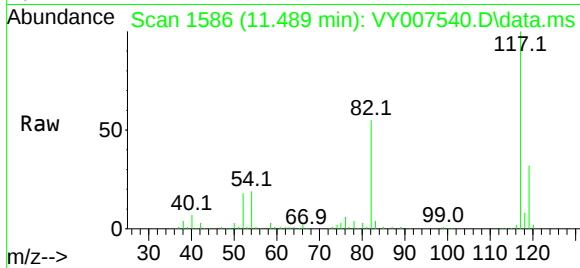




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007540.D
Acq: 18 Feb 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0218SBL01

Tgt Ion:117 Resp: 135773
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.3 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: VY007540.D
Acq: 18 Feb 2022 12:18

Tgt Ion:152 Resp: 62669
Ion Ratio Lower Upper
152 100
115 60.8 28.2 84.7
150 158.7 0.0 347.6

