

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004891.D
 Acq On : 27 May 2021 11:17
 Operator : SY/MD
 Sample : VY0527SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBL01

Quant Time: May 27 14:23:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	208106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	393224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	379264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168408	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	139161	56.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.36%
35) Dibromofluoromethane	7.722	113	122314	56.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.64%
50) Toluene-d8	10.185	98	484014	49.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.54%
62) 4-Bromofluorobenzene	12.483	95	166832	50.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.66%

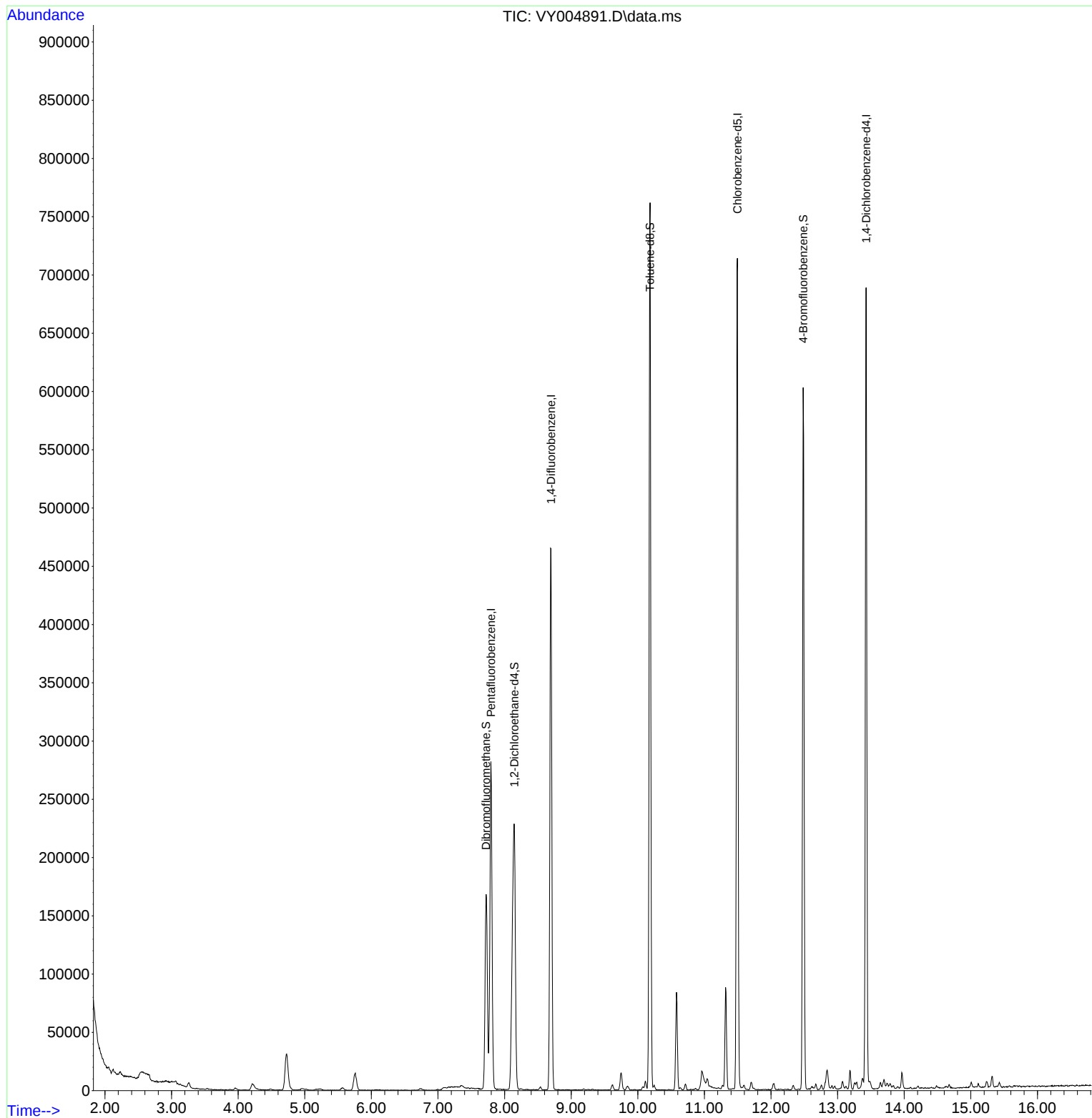
Target Compounds	Qvalue

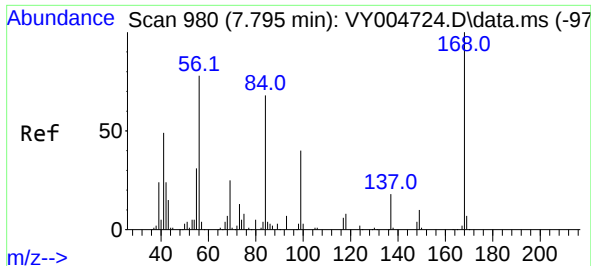
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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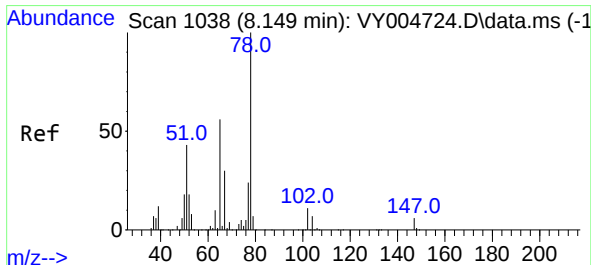
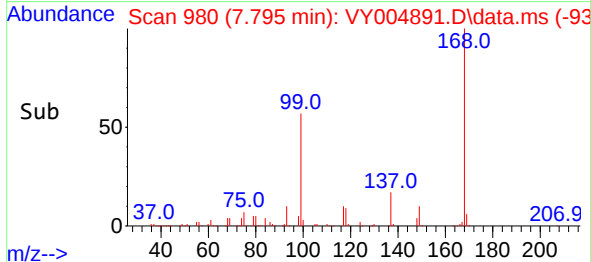
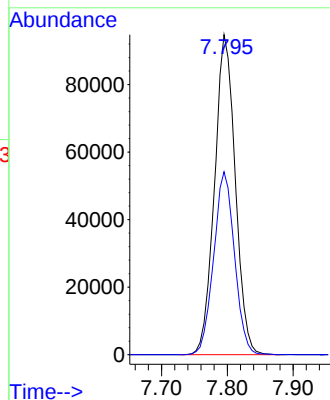
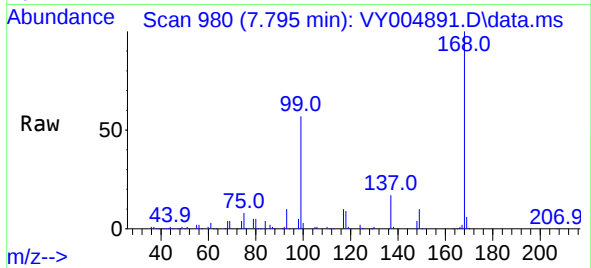




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

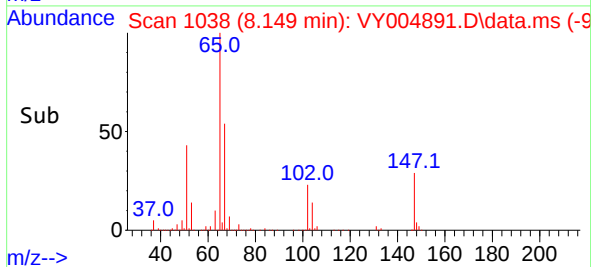
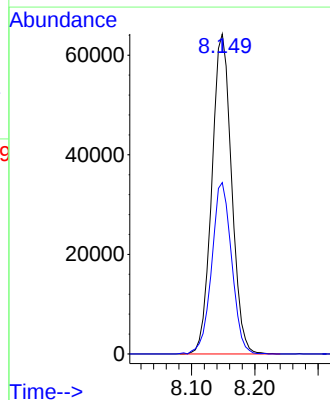
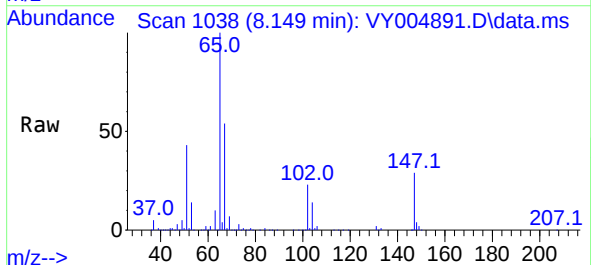
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

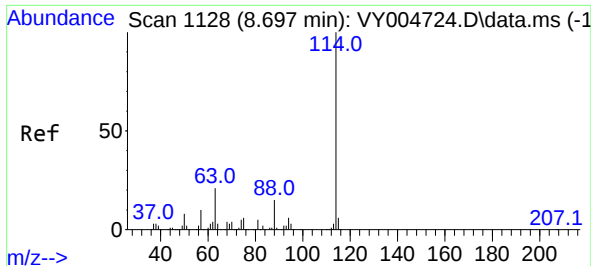
Tgt Ion:168 Resp: 208106
Ion Ratio Lower Upper
168 100
99 57.1 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 56.18 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

Tgt Ion: 65 Resp: 139161
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004891.D

Acq: 27 May 2021 11:17

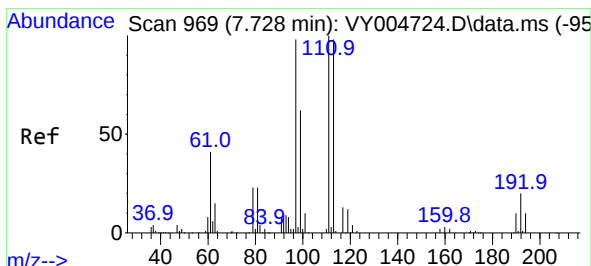
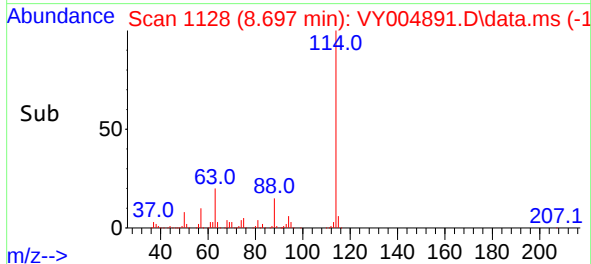
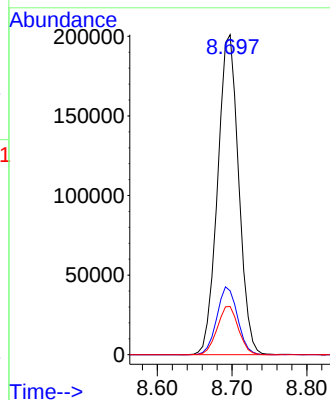
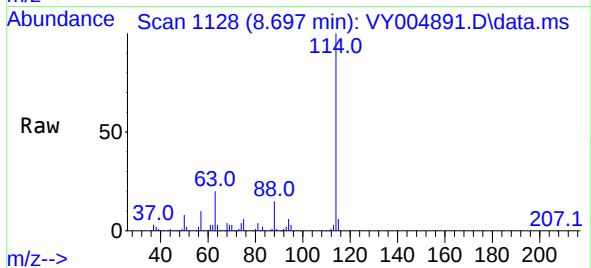
Tgt Ion:114 Resp: 393224

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 15.1 0.0 31.0



#35

Dibromofluoromethane

Concen: 56.82 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY004891.D

Acq: 27 May 2021 11:17

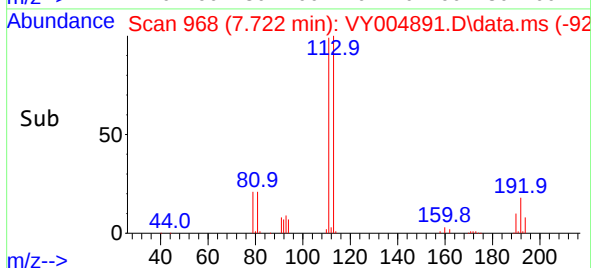
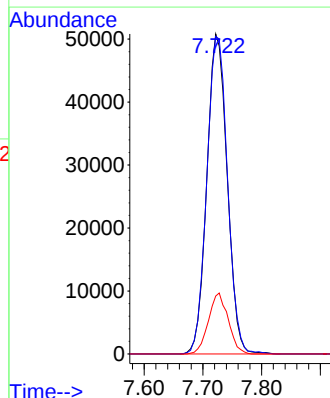
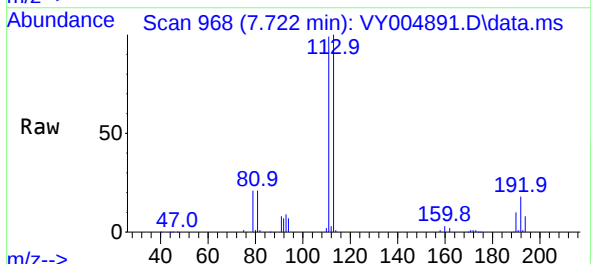
Tgt Ion:113 Resp: 122314

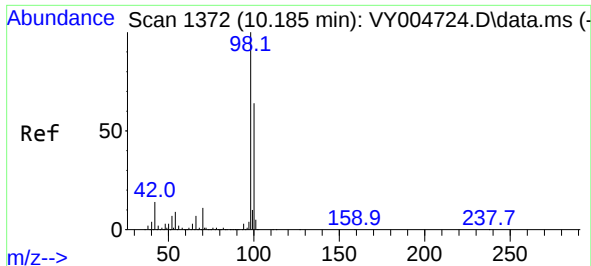
Ion Ratio Lower Upper

113 100

111 101.1 80.5 120.7

192 18.5 15.0 22.6

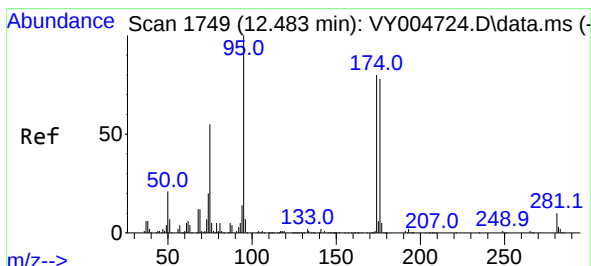
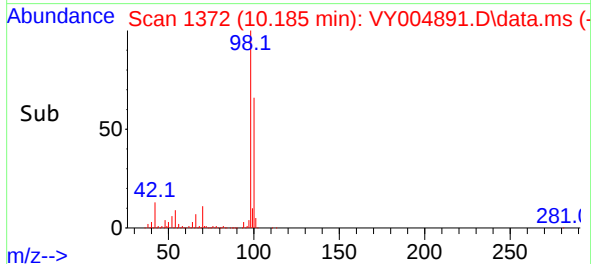
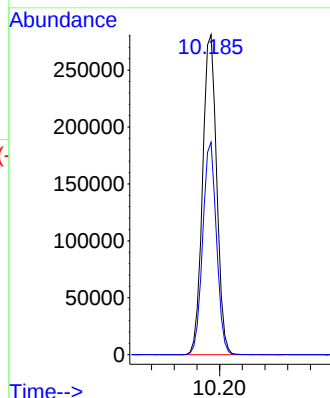
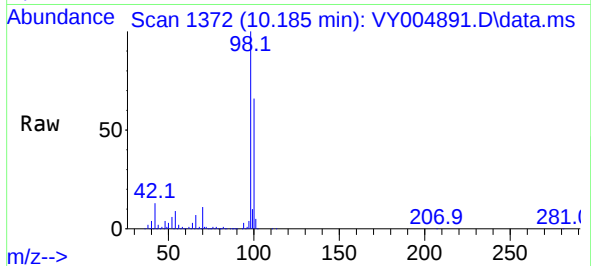




#50
Toluene-d8
Concen: 49.77 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

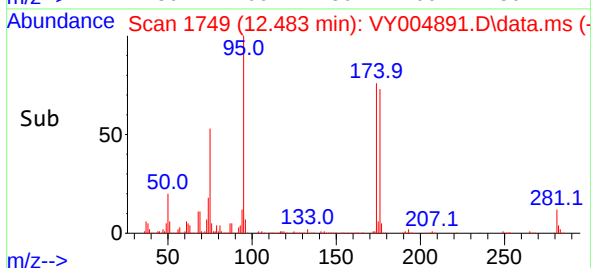
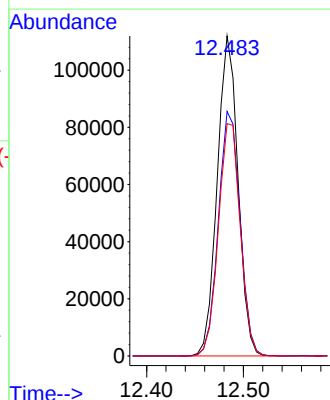
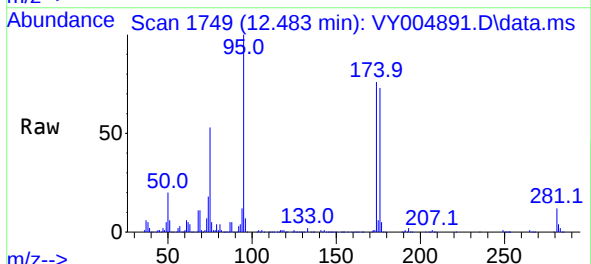
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

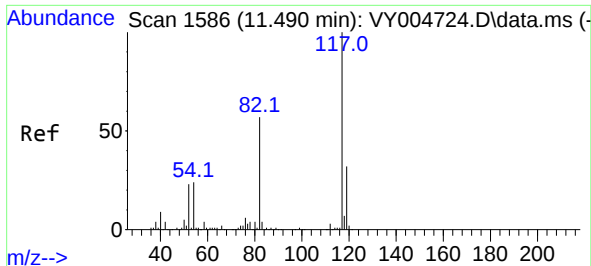
Tgt Ion: 98 Resp: 484014
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.83 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

Tgt Ion: 95 Resp: 166832
Ion Ratio Lower Upper
95 100
174 79.7 0.0 164.2
176 76.4 0.0 159.0

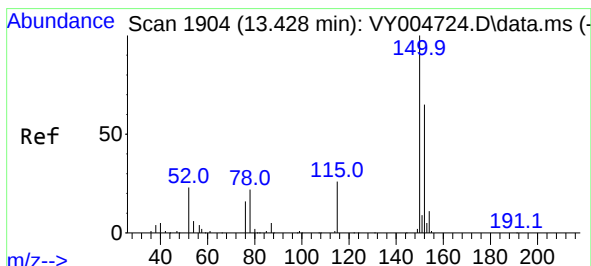
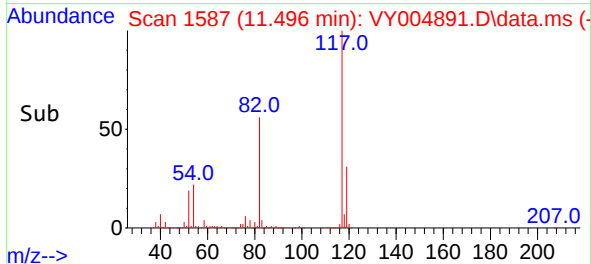
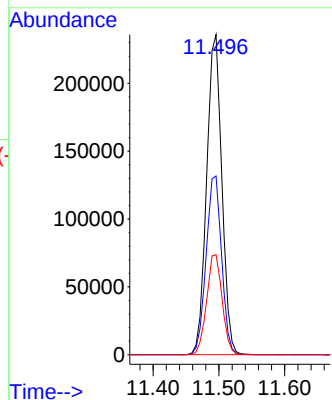
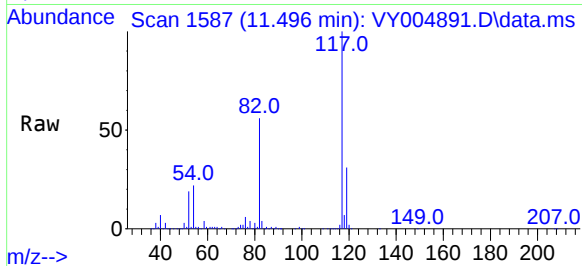




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

Tgt Ion:117 Resp: 379264
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.2
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

Tgt Ion:152 Resp: 168408
Ion Ratio Lower Upper
152 100
115 59.4 29.4 88.3
150 156.8 0.0 349.8

