

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
 Data File : VY007499.D
 Acq On : 15 Feb 2022 12:17
 Operator : SY/MD
 Sample : VY0215SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0215SBL01

Quant Time: Feb 16 01:38:19 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	7.795	168	107271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	197412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	186897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64156	54.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.340%
35) Dibromofluoromethane	7.728	113	63744	51.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.400%
50) Toluene-d8	10.185	98	237159	50.156	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.483	95	82161	51.245	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.500%

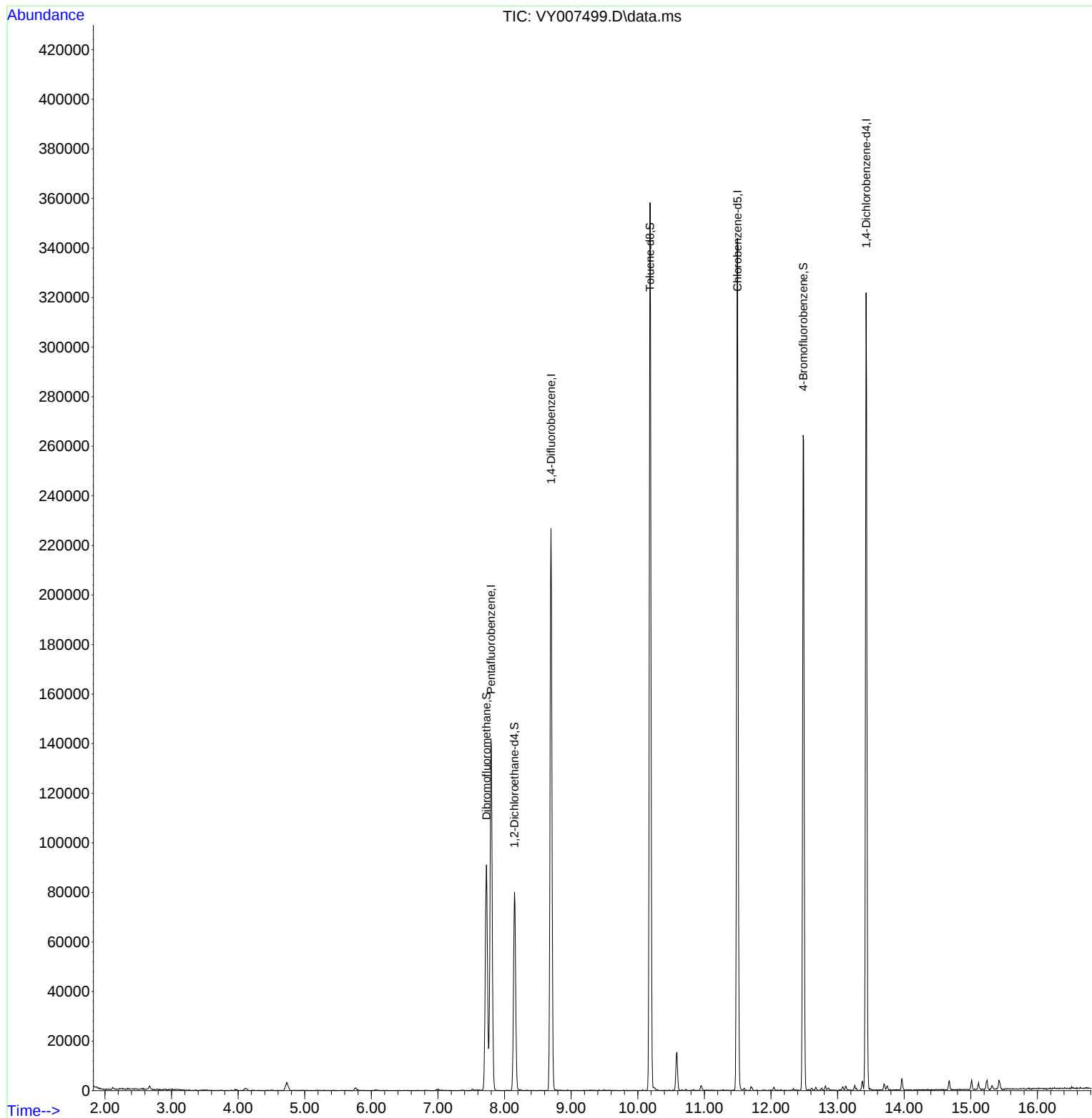
Target Compounds	Qvalue

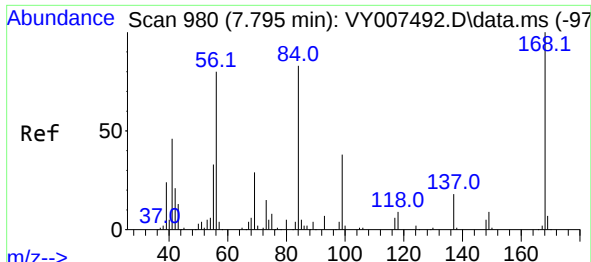
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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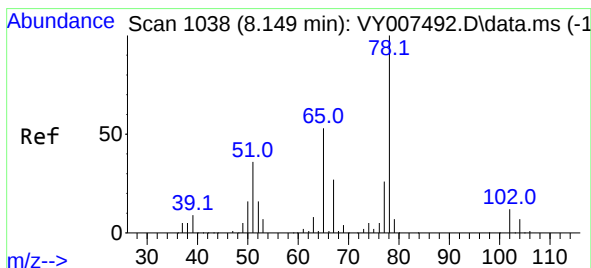
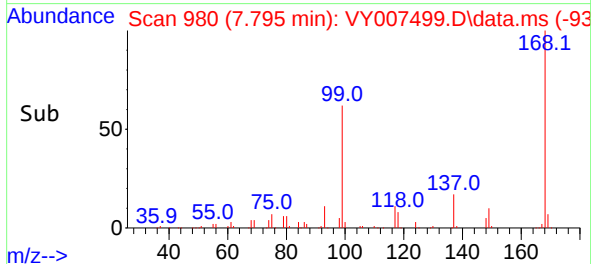
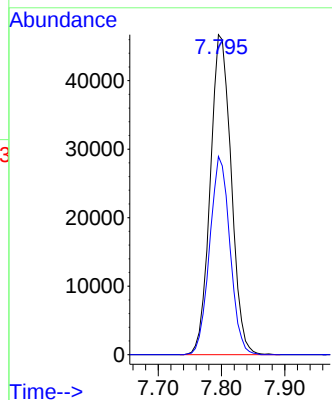
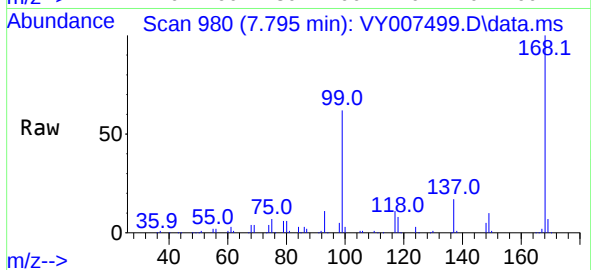




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

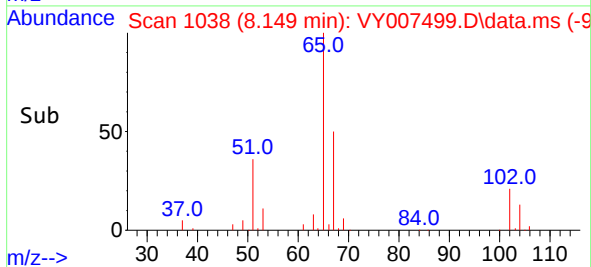
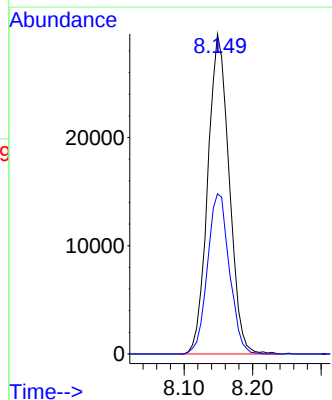
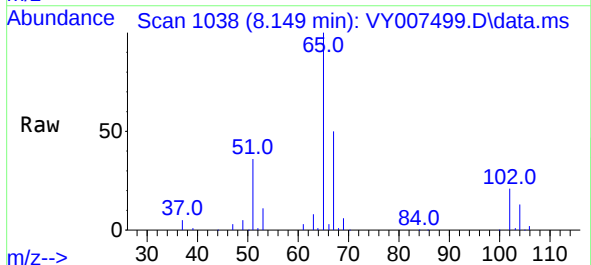
Instrument :
MSVOA_Y
ClientSampleId :
VY0215SBL01

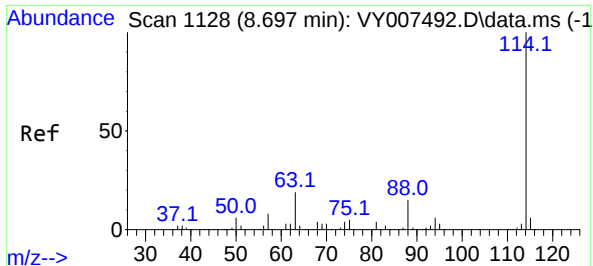
Tgt Ion:168 Resp: 107271
Ion Ratio Lower Upper
168 100
99 61.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.171 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Tgt Ion: 65 Resp: 64156
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007499.D

Acq: 15 Feb 2022 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0215SBL01

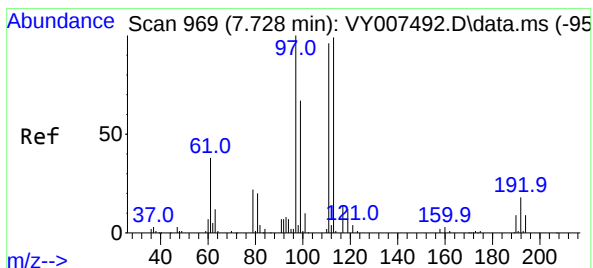
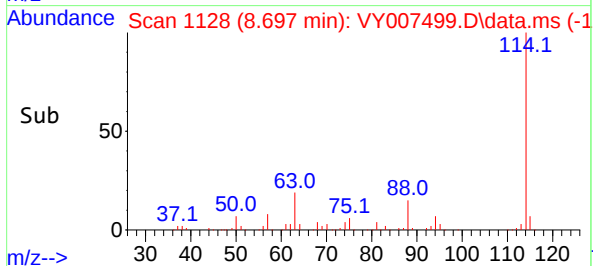
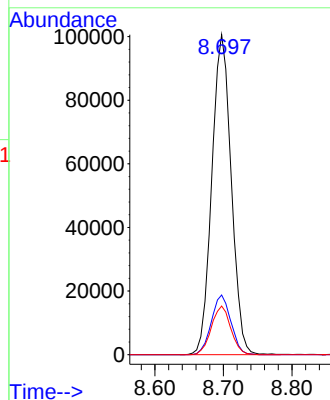
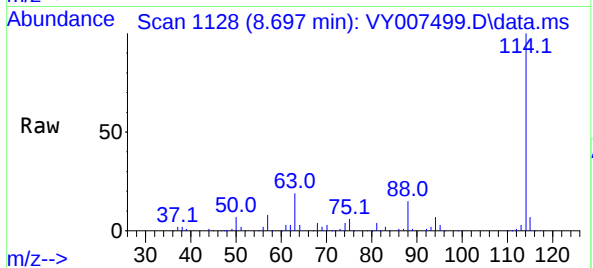
Tgt Ion:114 Resp: 197412

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.203 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY007499.D

Acq: 15 Feb 2022 12:17

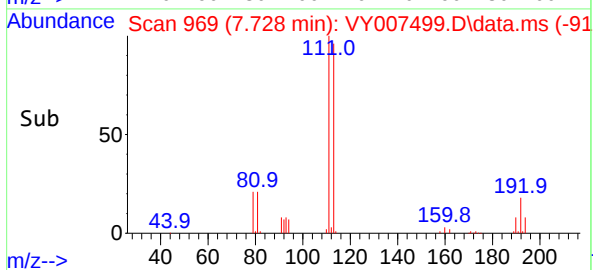
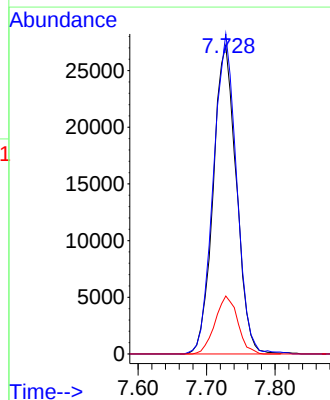
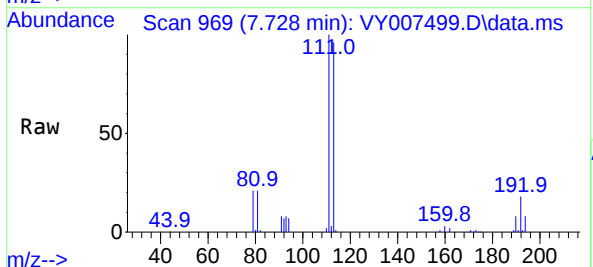
Tgt Ion:113 Resp: 63744

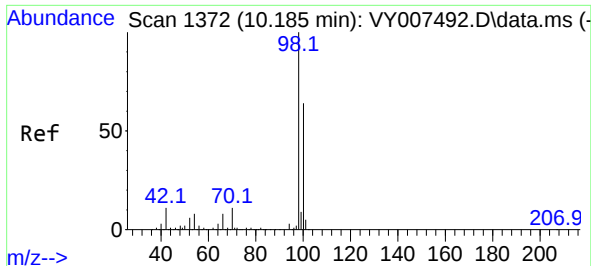
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 18.4 17.6 26.4

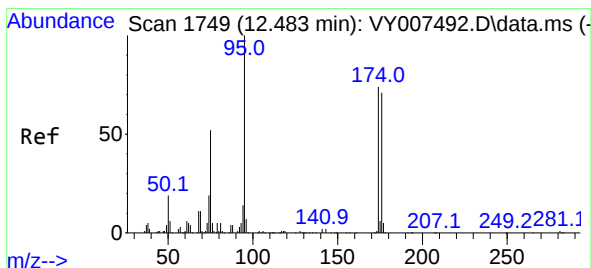
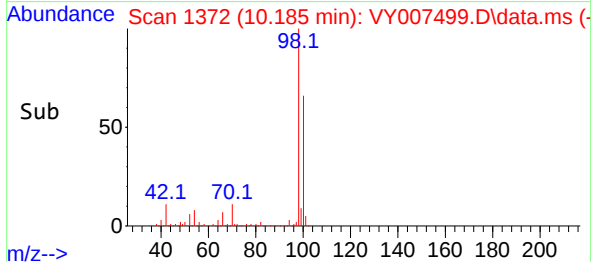
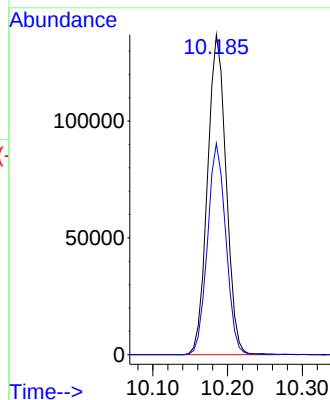
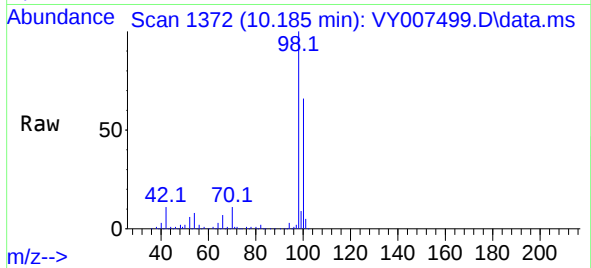




#50
Toluene-d8
Concen: 50.156 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

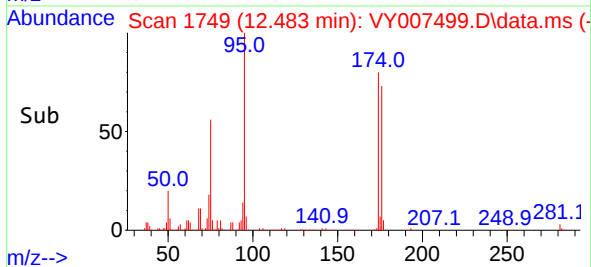
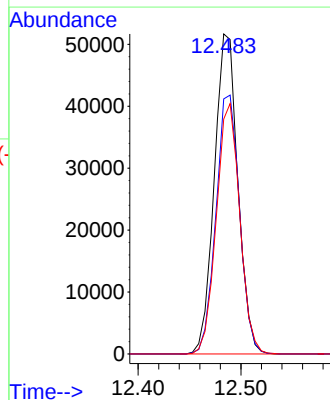
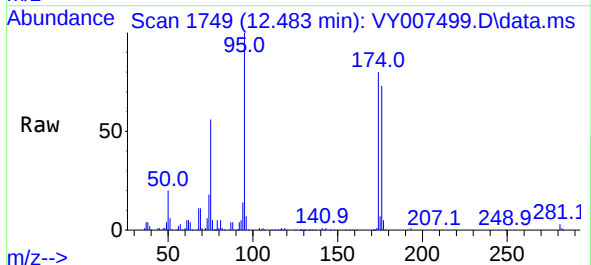
Instrument :
MSVOA_Y
ClientSampleId :
VY0215SBL01

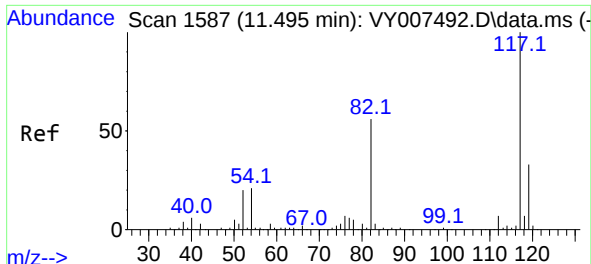
Tgt Ion: 98 Resp: 237159
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.245 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Tgt Ion: 95 Resp: 82161
Ion Ratio Lower Upper
95 100
174 81.2 0.0 177.0
176 77.7 0.0 175.8

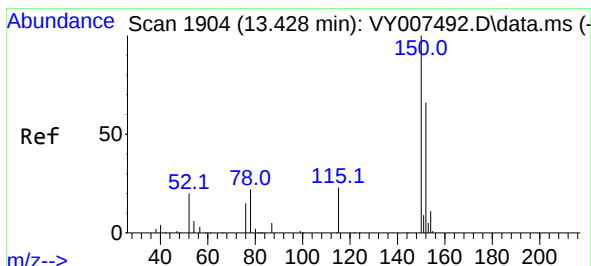
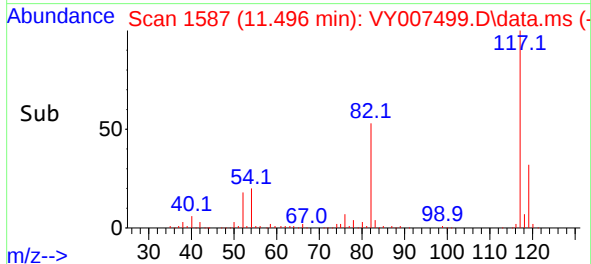
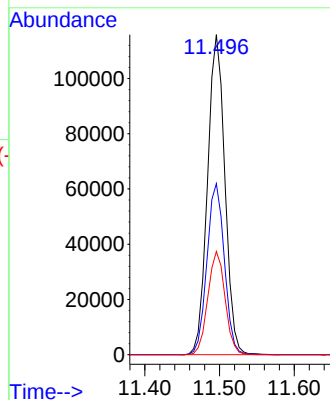
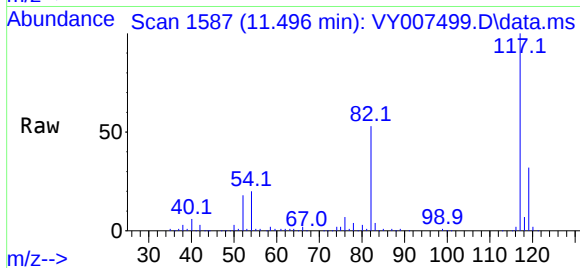




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007499.D
Acq: 15 Feb 2022 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0215SBL01

Tgt Ion:117 Resp: 186897
Ion Ratio Lower Upper
117 100
82 53.5 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: VY007499.D
Acq: 15 Feb 2022 12:17

Tgt Ion:152 Resp: 79047
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.7
150 157.3 0.0 347.6

