

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006673.D
 Acq On : 08 Nov 2021 12:23
 Operator : SY/MD
 Sample : M4500-01
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-4-110321

Quant Time: Nov 08 12:40:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	18132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	26126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	13541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5511	24.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	49.400%#
35) Dibromofluoromethane	7.728	113	2537	17.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	34.840%#
50) Toluene-d8	10.185	98	29000	46.979	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.477	95	3609	17.356	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	34.720%

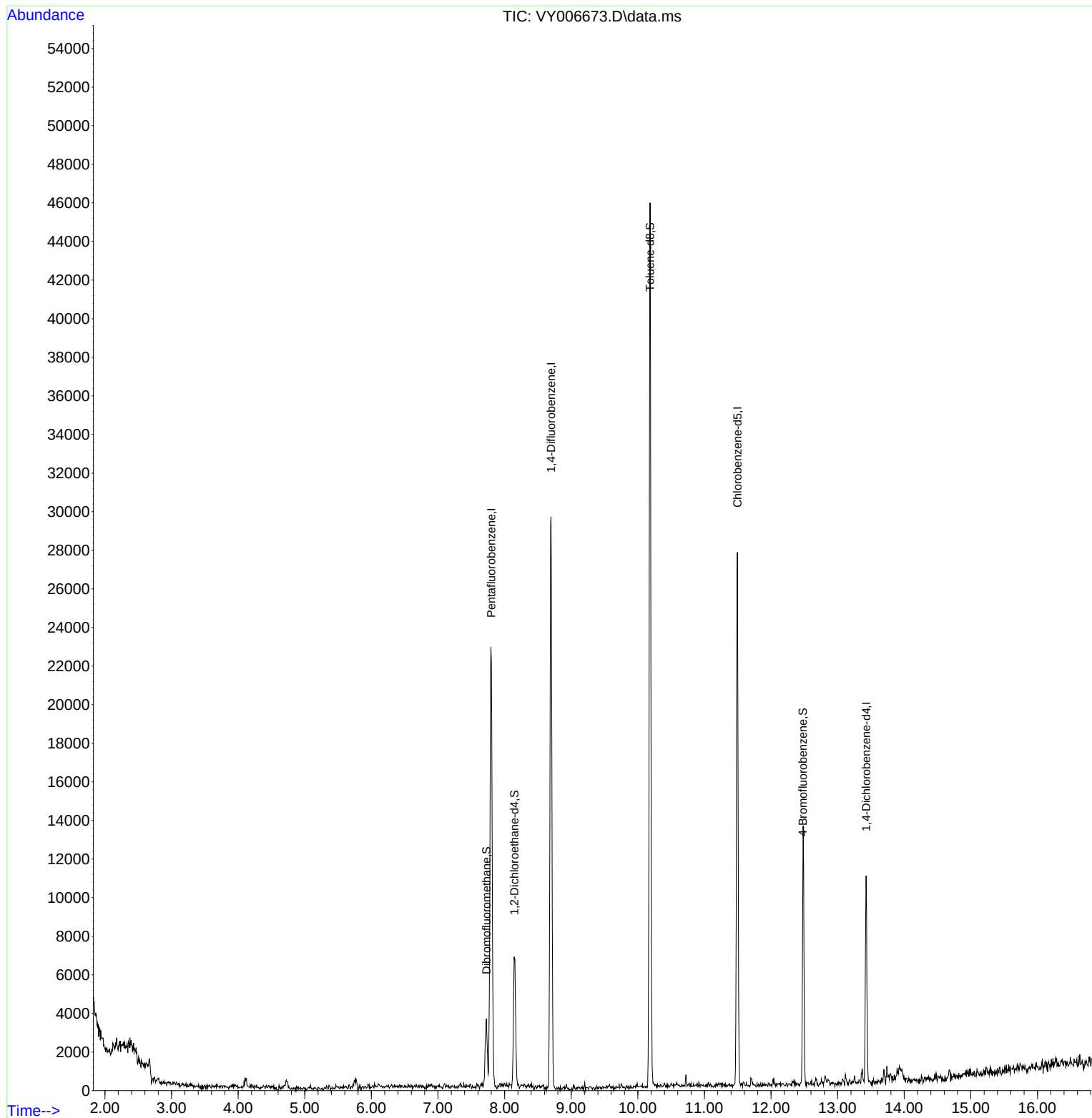
Target Compounds	Qvalue

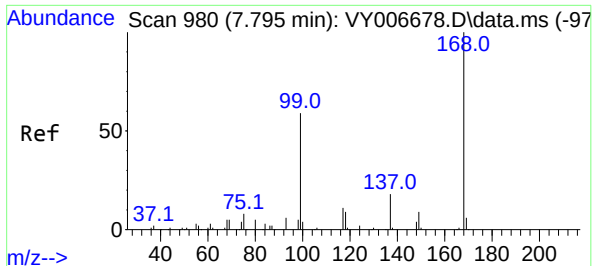
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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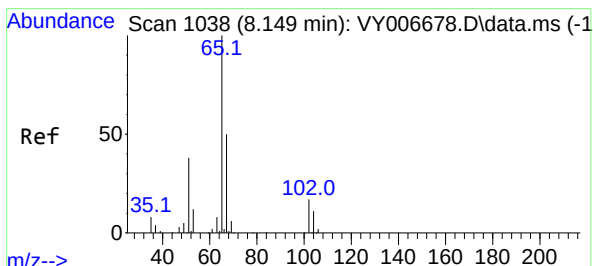
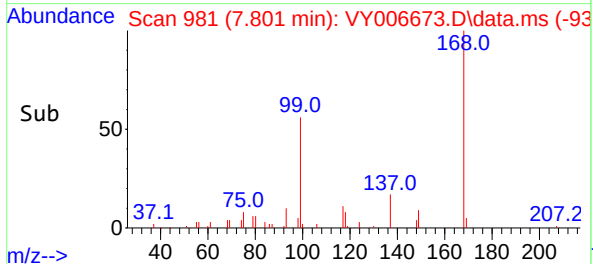
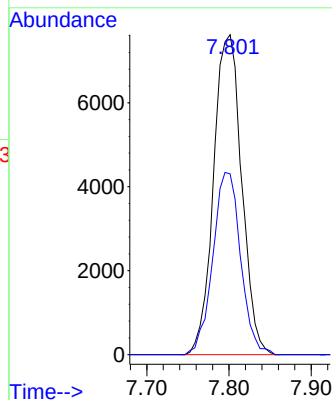
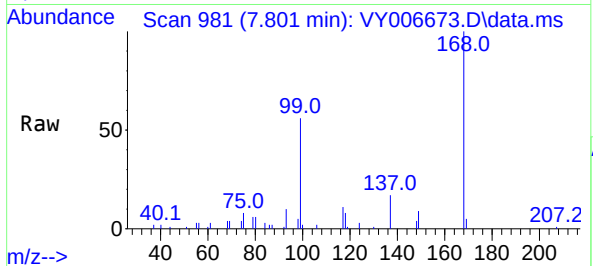




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006673.D
Acq: 08 Nov 2021 12:23

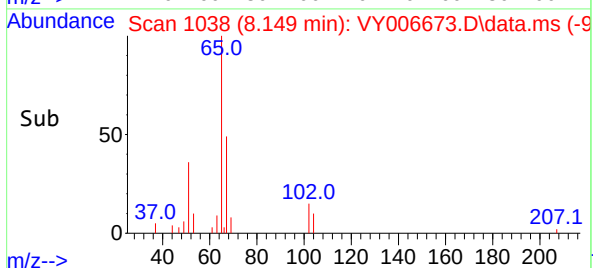
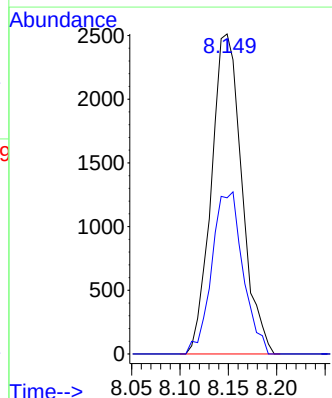
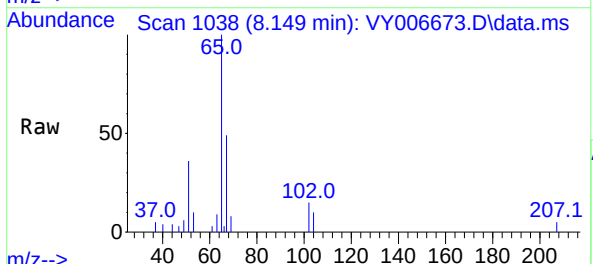
Instrument :
MSVOA_Y
ClientSampleId :
TR-4-110321

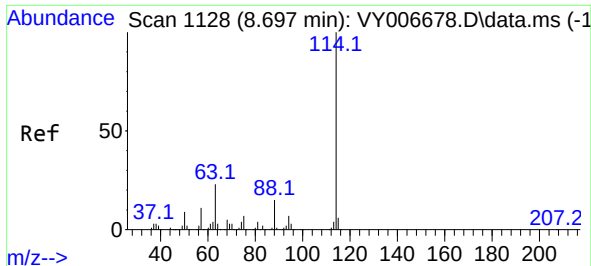
Tgt Ion:168 Resp: 18132
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 24.699 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006673.D
Acq: 08 Nov 2021 12:23

Tgt Ion: 65 Resp: 5511
Ion Ratio Lower Upper
65 100
67 51.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006673.D

Acq: 08 Nov 2021 12:23

Instrument :

MSVOA_Y

ClientSampleId :

TR-4-110321

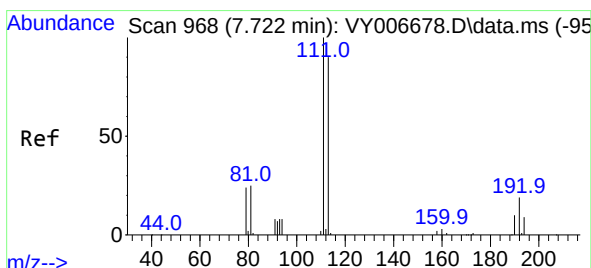
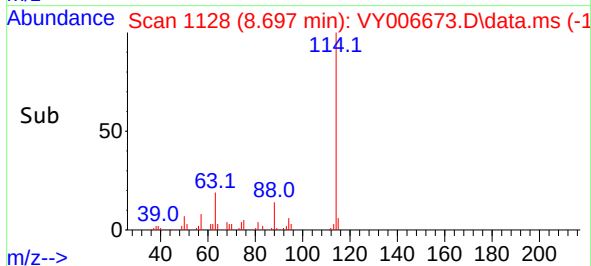
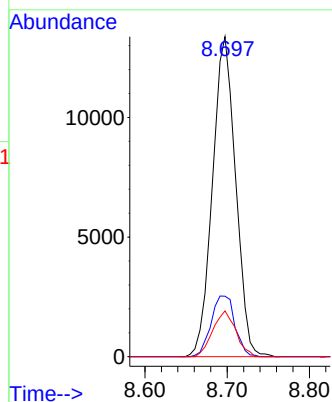
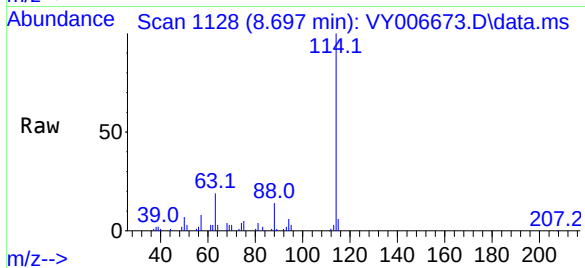
Tgt Ion:114 Resp: 26126

Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 17.422 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006673.D

Acq: 08 Nov 2021 12:23

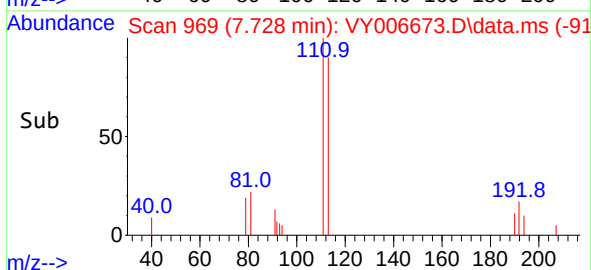
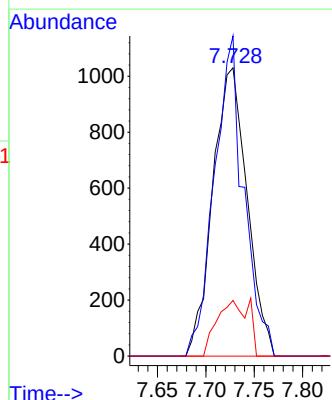
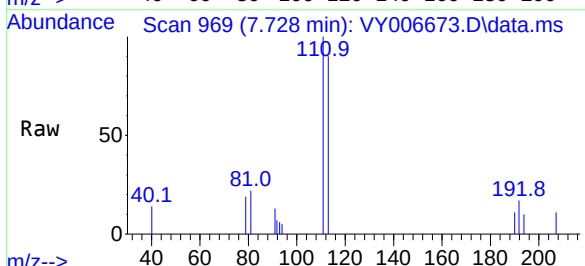
Tgt Ion:113 Resp: 2537

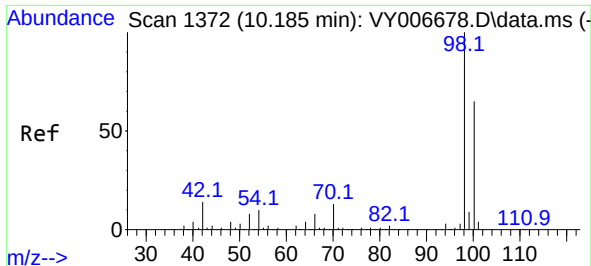
Ion Ratio Lower Upper

113 100

111 95.2 82.3 123.5

192 17.8 17.4 26.2

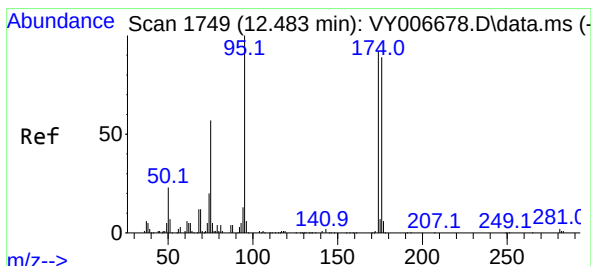
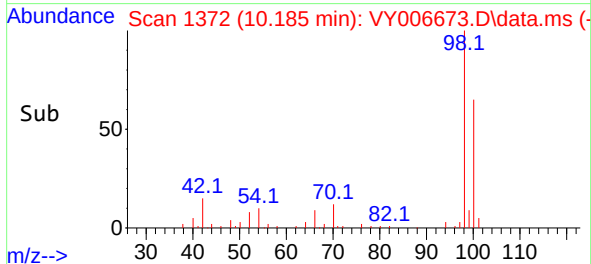
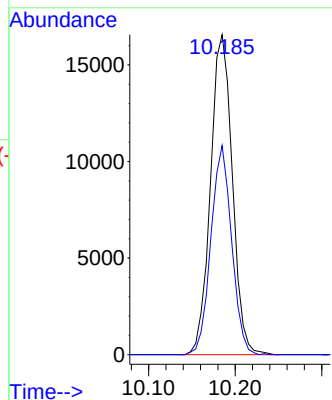
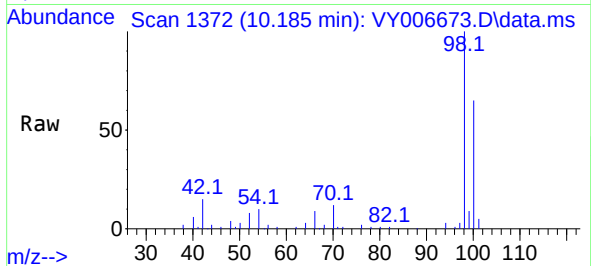




#50
Toluene-d8
Concen: 46.979 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006673.D
Acq: 08 Nov 2021 12:23

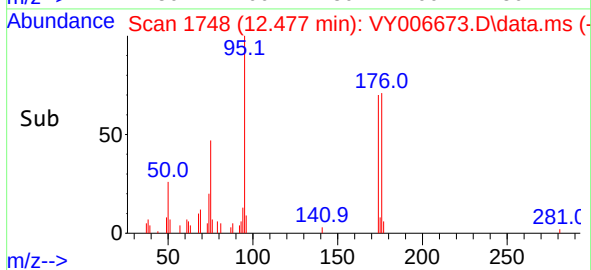
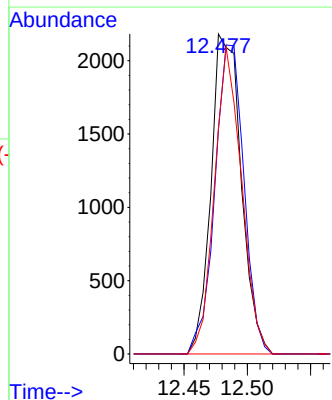
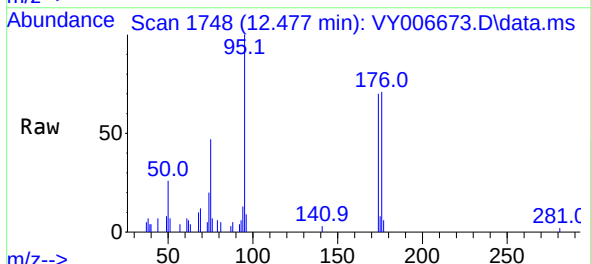
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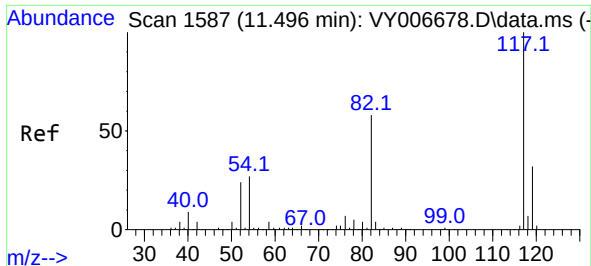
Tgt Ion: 98 Resp: 29000
Ion Ratio Lower Upper
98 100
100 62.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 17.356 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY006673.D
Acq: 08 Nov 2021 12:23

Tgt Ion: 95 Resp: 3609
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 86.2 0.0 169.4

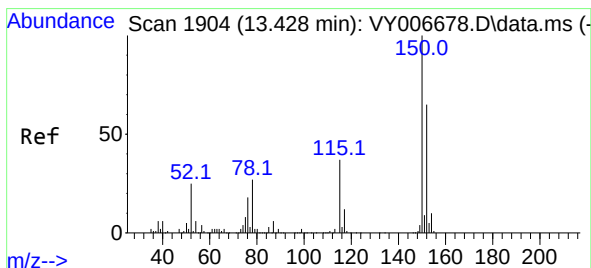
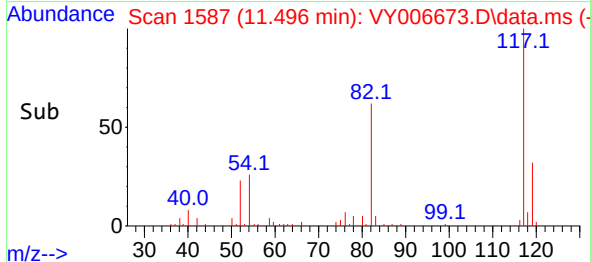
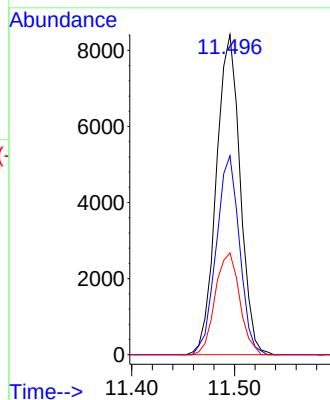
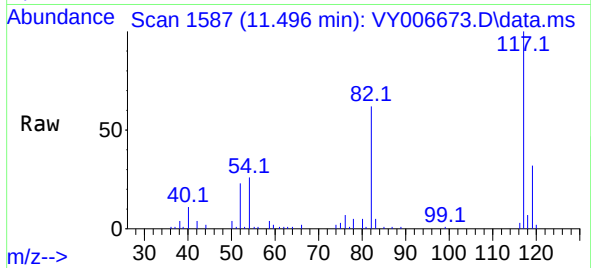




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006673.D
Acq: 08 Nov 2021 12:23

Instrument :
MSVOA_Y
ClientSampleId :
TR-4-110321

Tgt Ion:117 Resp: 13541
Ion Ratio Lower Upper
117 100
82 62.2 45.7 68.5
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006673.D
Acq: 08 Nov 2021 12:23

Tgt Ion:152 Resp: 2689
Ion Ratio Lower Upper
152 100
115 54.2 28.5 85.5
150 148.5 0.0 348.2

