

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006686.D
 Acq On : 08 Nov 2021 17:30
 Operator : SY/MD
 Sample : M4569-01
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-110521

Quant Time: Nov 09 13:06:31 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	7.795	168	21410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	32873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	28845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	14886	56.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.000%	
35) Dibromofluoromethane	7.728	113	10016	54.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.340%	
50) Toluene-d8	10.185	98	40894	52.650	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.483	95	10043	38.384	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.760%	

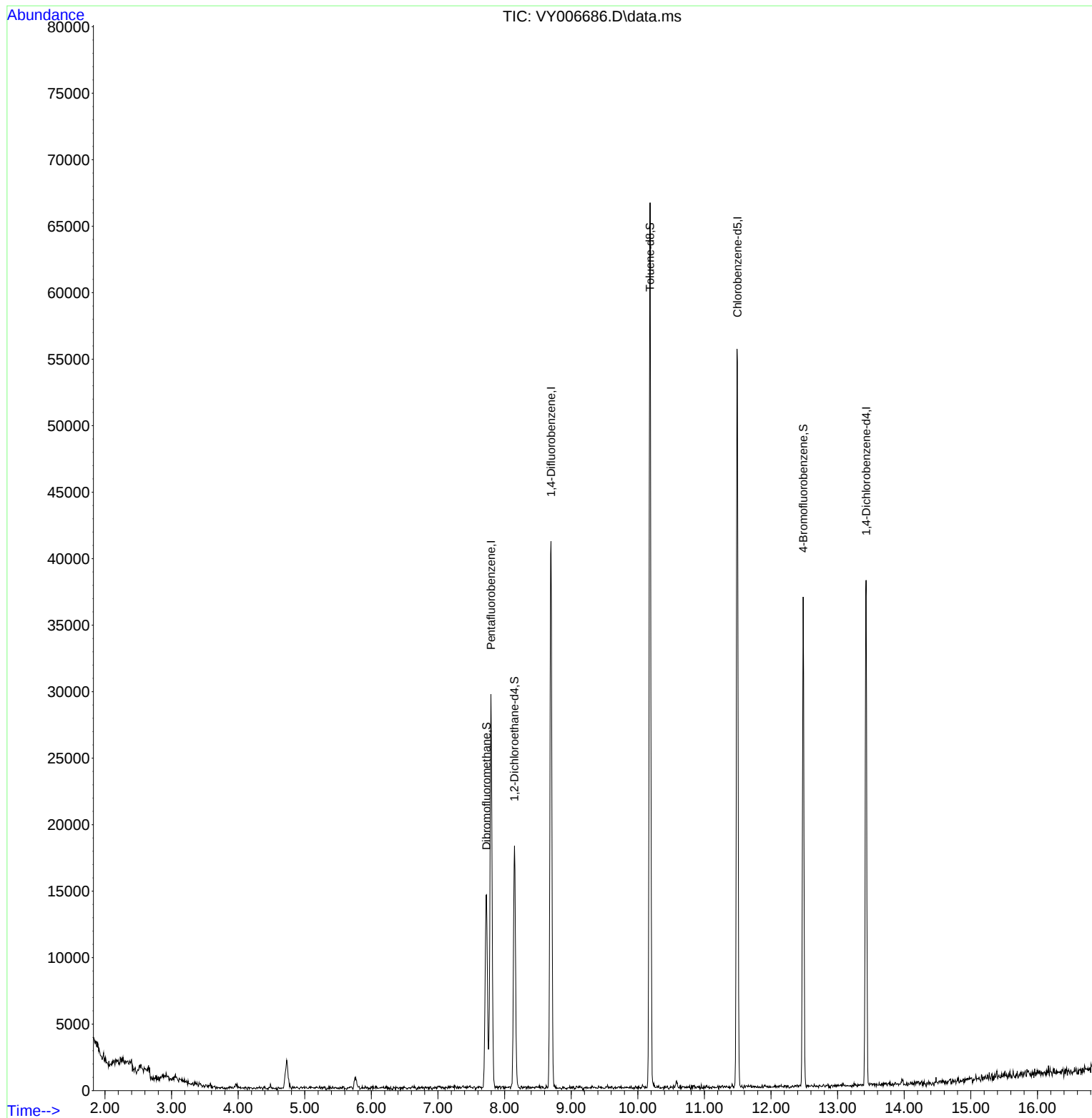
Target Compounds	Qvalue

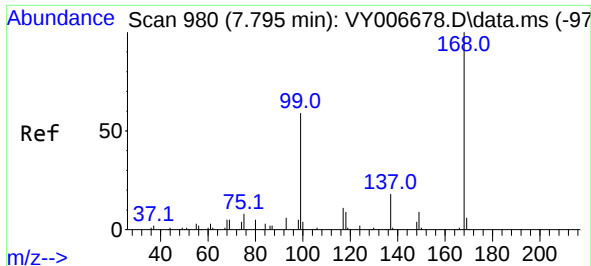
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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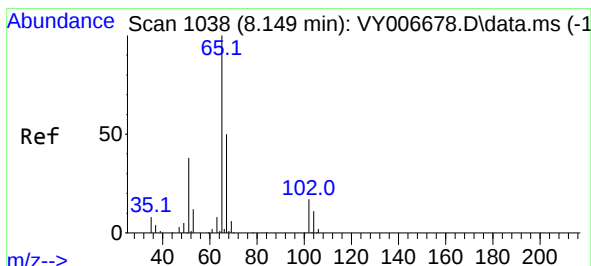
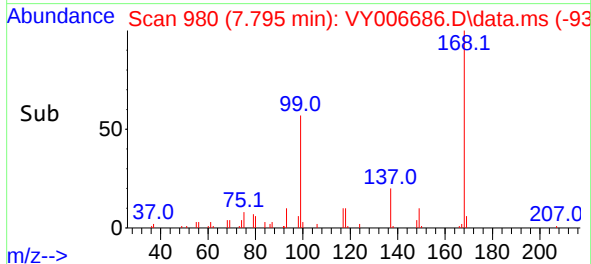
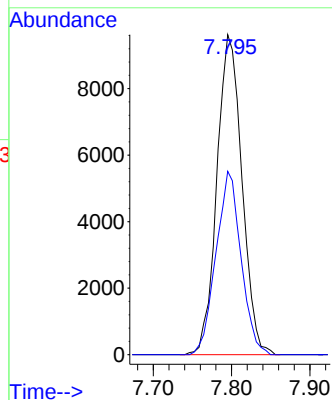
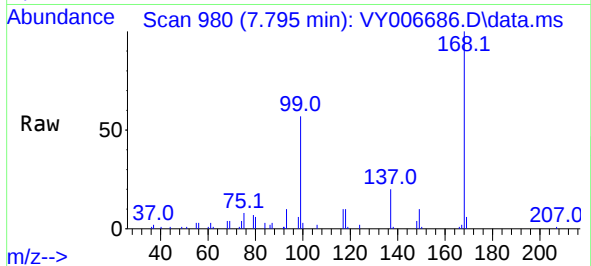




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

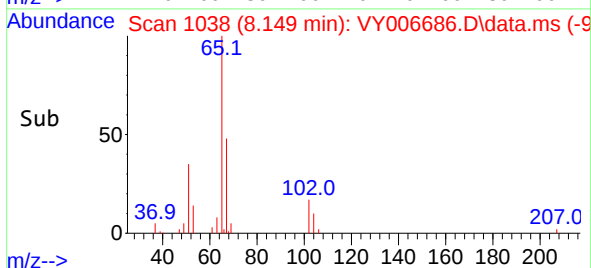
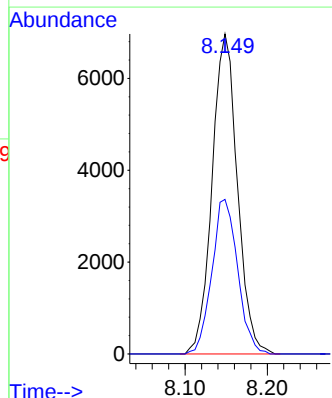
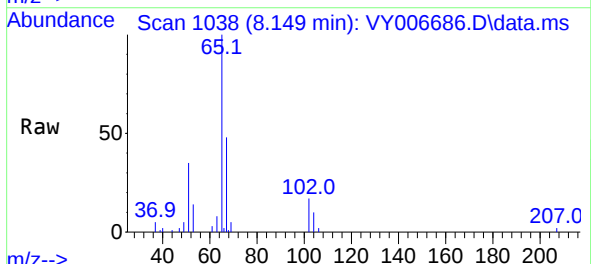
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-110521

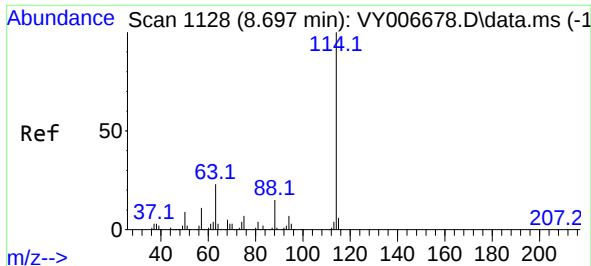
Tgt Ion:168 Resp: 21410
Ion Ratio Lower Upper
168 100
99 57.3 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 56.501 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

Tgt Ion: 65 Resp: 14886
Ion Ratio Lower Upper
65 100
67 49.2 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: VY006686.D

Acq: 08 Nov 2021 17:30

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-110521

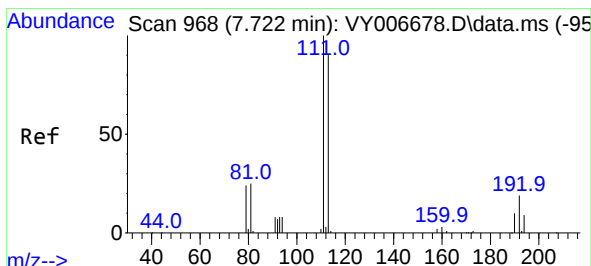
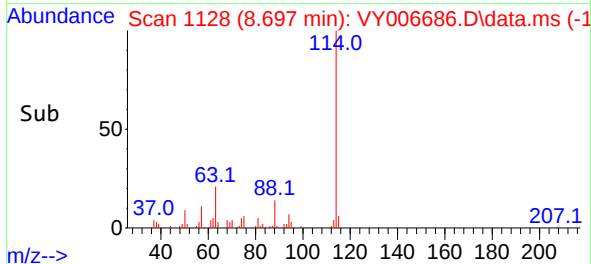
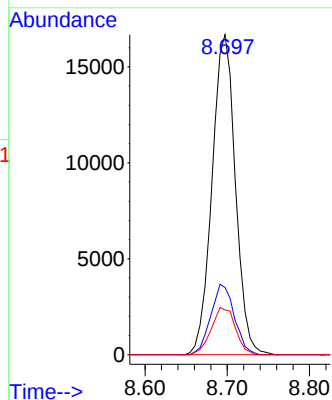
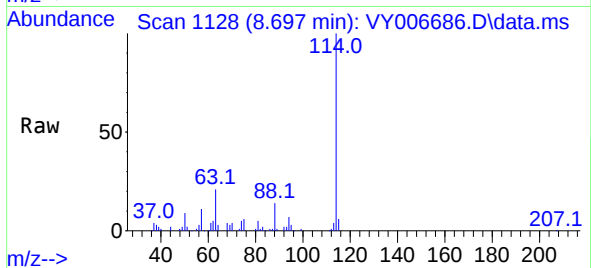
Tgt Ion:114 Resp: 32873

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.665 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006686.D

Acq: 08 Nov 2021 17:30

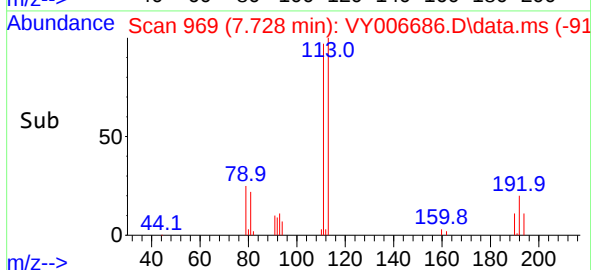
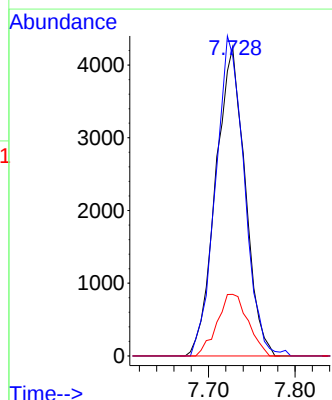
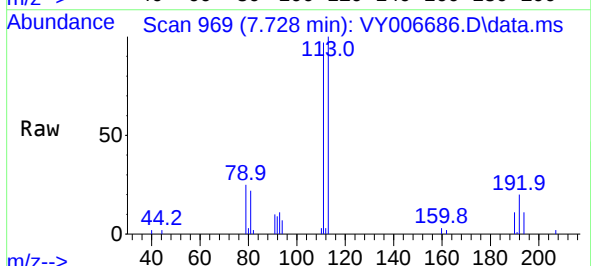
Tgt Ion:113 Resp: 10016

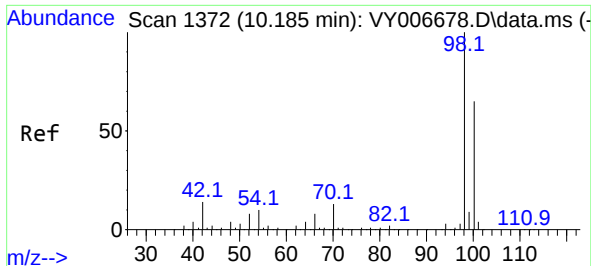
Ion Ratio Lower Upper

113 100

111 101.1 82.3 123.5

192 21.0 17.4 26.2

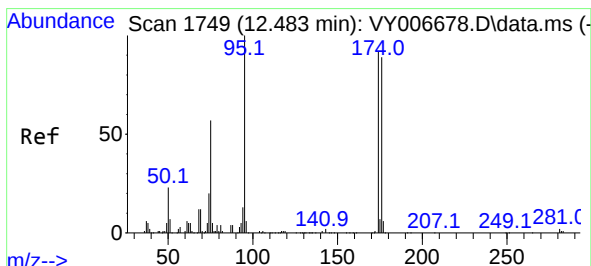
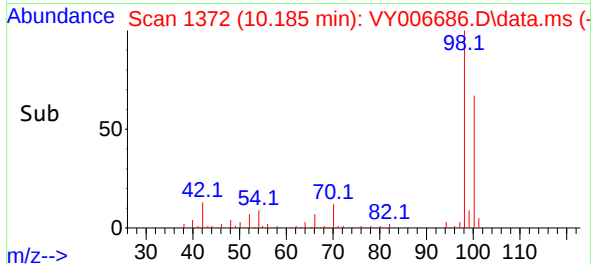
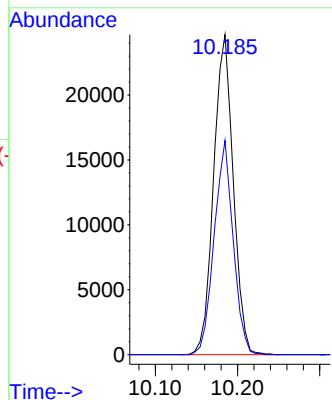
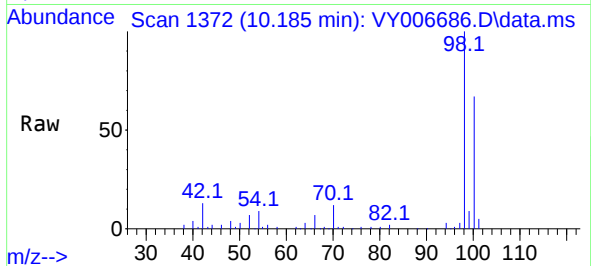




#50
Toluene-d8
Concen: 52.650 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

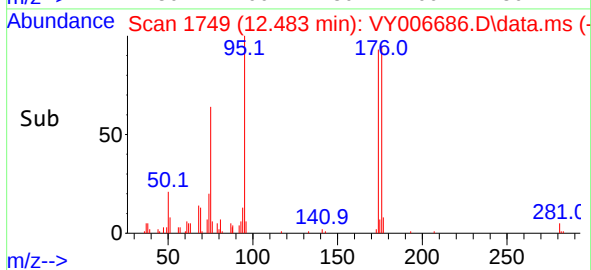
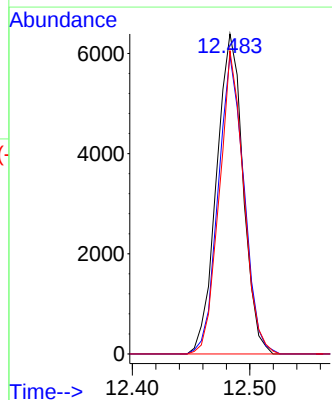
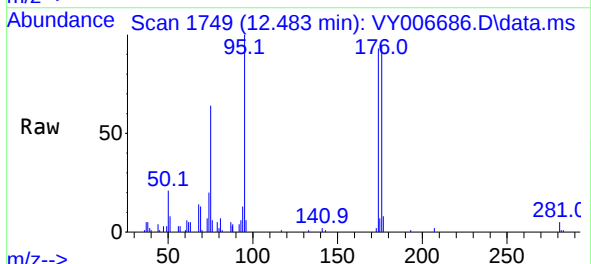
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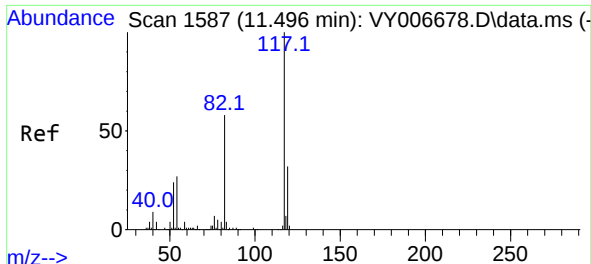
Tgt Ion: 98 Resp: 40894
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 38.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

Tgt Ion: 95 Resp: 10043
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 86.5 0.0 169.4

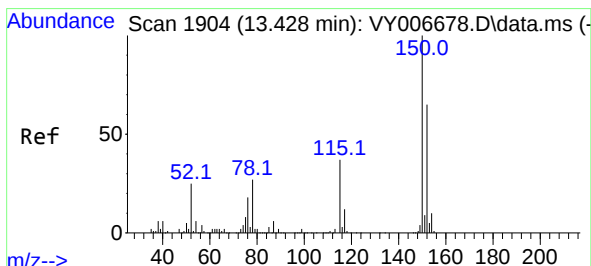
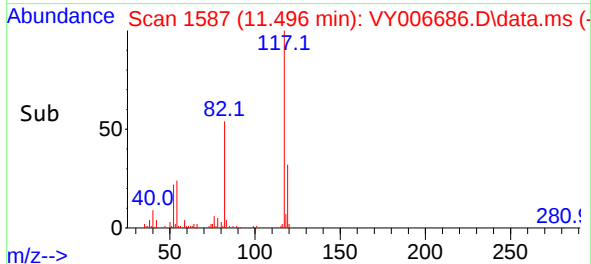
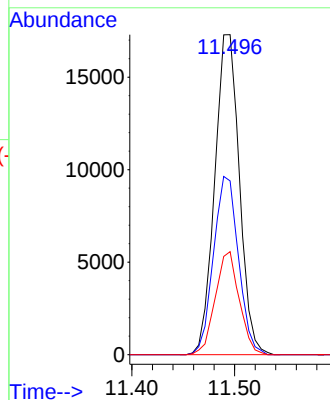
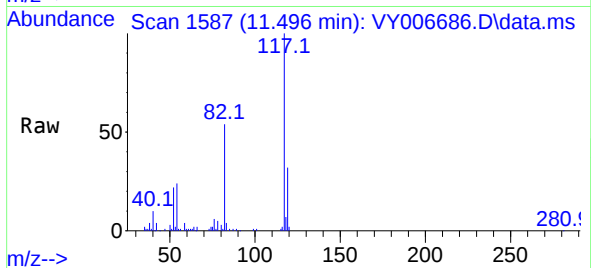




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY006686.D
Acq: 08 Nov 2021 17:30

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-110521

Tgt Ion:	117	Resp:	28845
Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.7	68.5
119	32.2	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: VY006686.D
Acq: 08 Nov 2021 17:30

Tgt Ion:	152	Resp:	9514
Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.5	85.5
150	157.2	0.0	348.2

