

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006557.D
 Acq On : 01 Nov 2021 17:18
 Operator : SY/MD
 Sample : M4424-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2-B2-S

Quant Time: Nov 02 03:30:47 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	10821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	16181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	14457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6679	50.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.320%
35) Dibromofluoromethane	7.722	113	2761	30.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.220%
50) Toluene-d8	10.179	98	19927	52.121	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.477	95	6033	46.844	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.680%

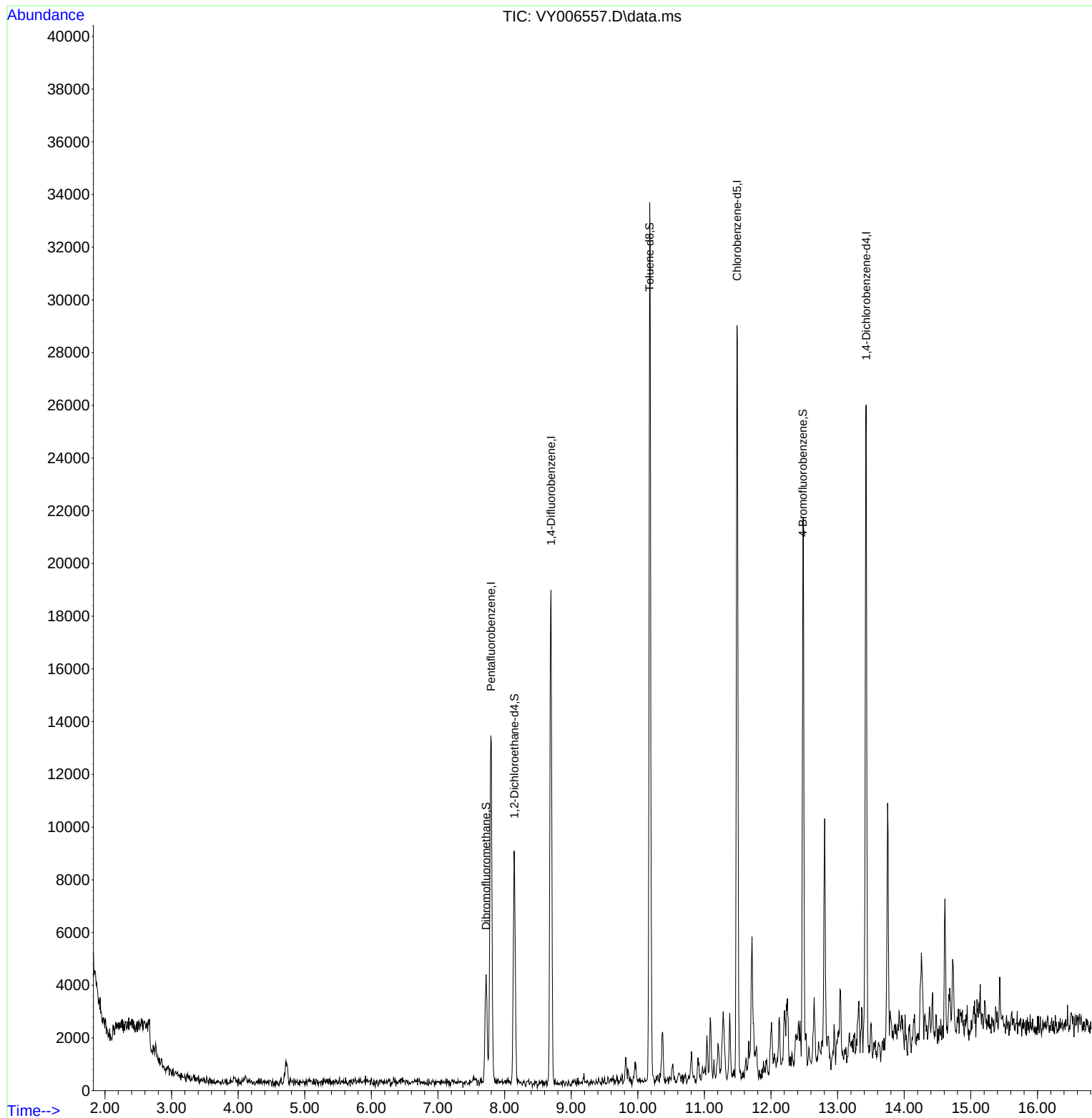
Target Compounds	Qvalue

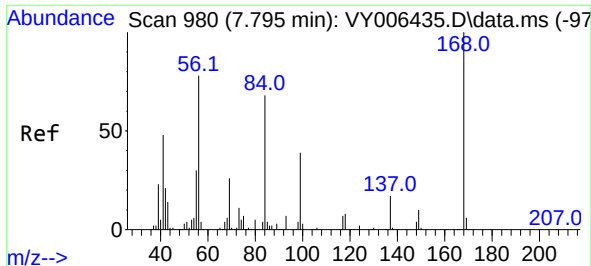
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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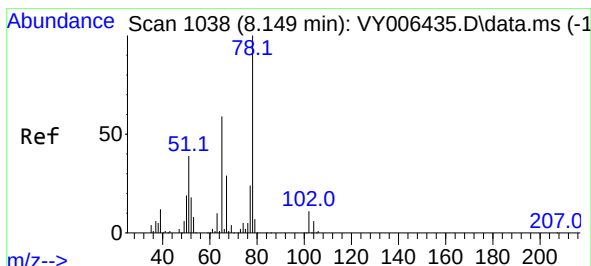
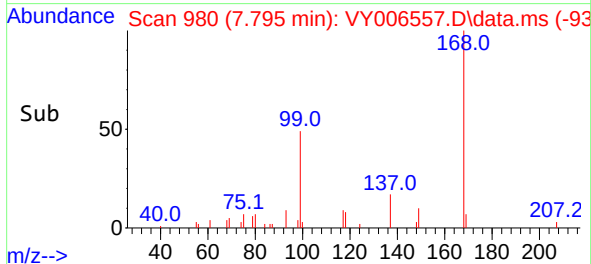
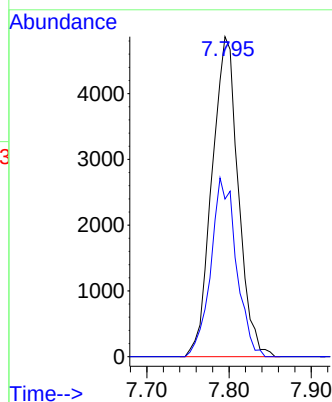
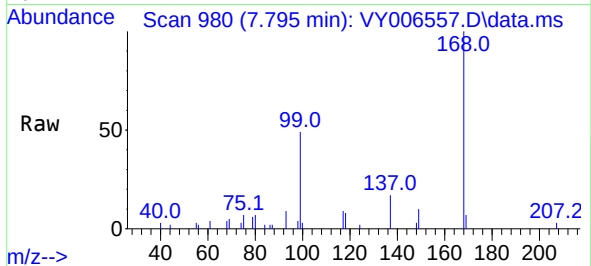




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006557.D
Acq: 01 Nov 2021 17:18

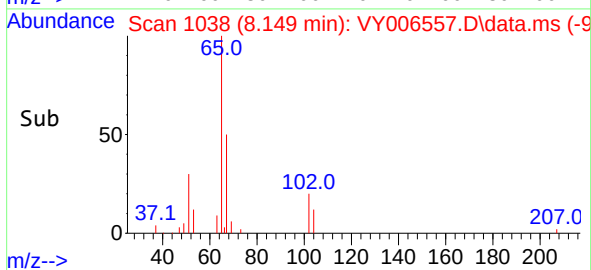
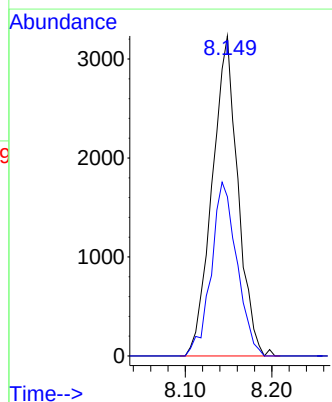
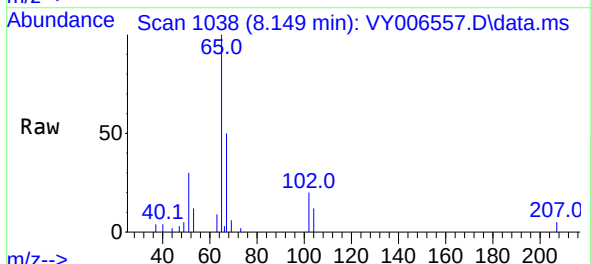
Instrument :
MSVOA_Y
ClientSampleId :
T2-B2-S

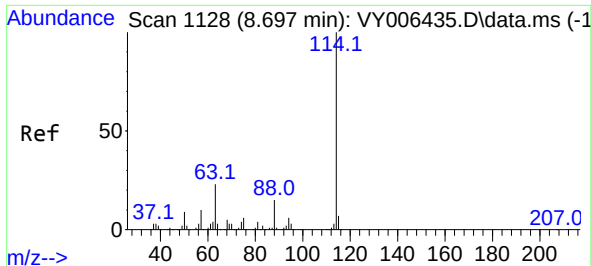
Tgt Ion:168 Resp: 10821
Ion Ratio Lower Upper
168 100
99 49.2 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 50.158 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006557.D
Acq: 01 Nov 2021 17:18

Tgt Ion: 65 Resp: 6679
Ion Ratio Lower Upper
65 100
67 54.1 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: VY006557.D

Acq: 01 Nov 2021 17:18

Instrument :

MSVOA_Y

ClientSampleId :

T2-B2-S

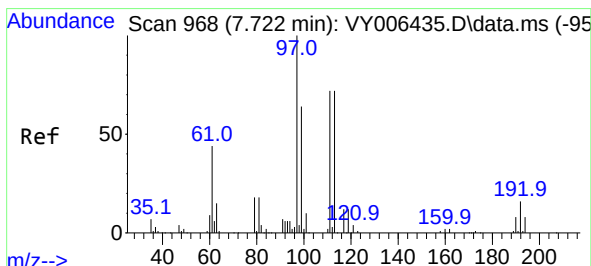
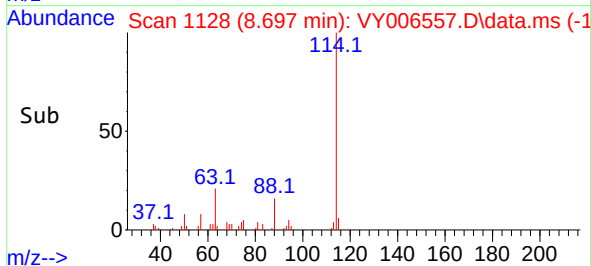
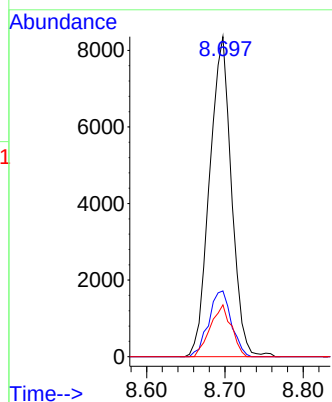
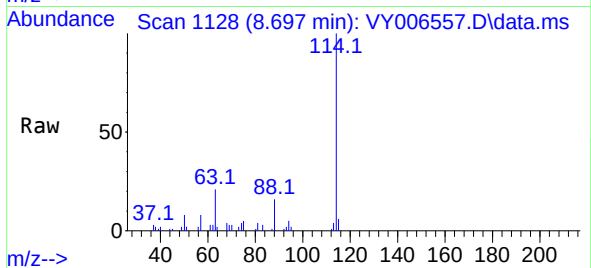
Tgt Ion:114 Resp: 16181

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 30.614 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006557.D

Acq: 01 Nov 2021 17:18

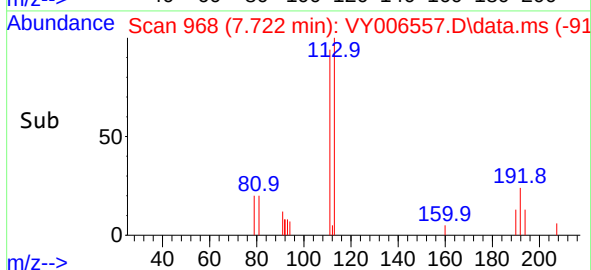
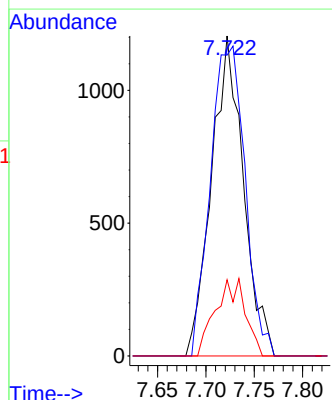
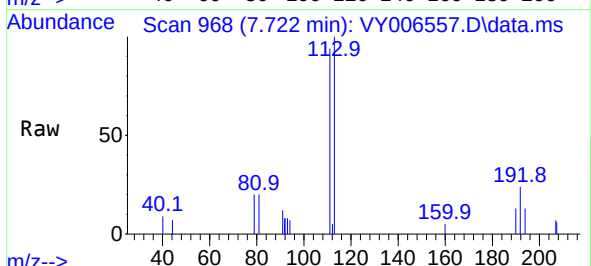
Tgt Ion:113 Resp: 2761

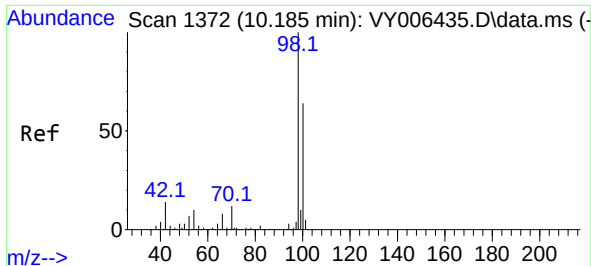
Ion Ratio Lower Upper

113 100

111 105.5 82.3 123.5

192 22.5 17.4 26.2

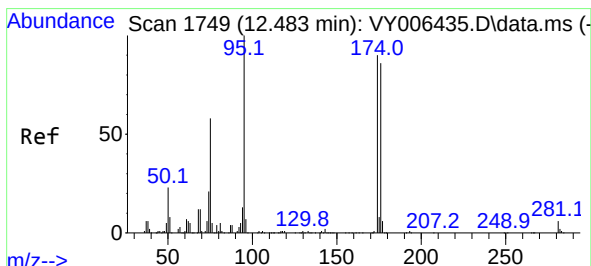
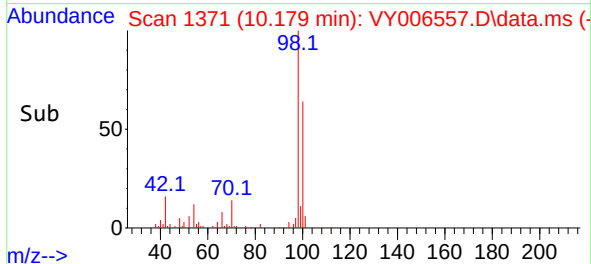
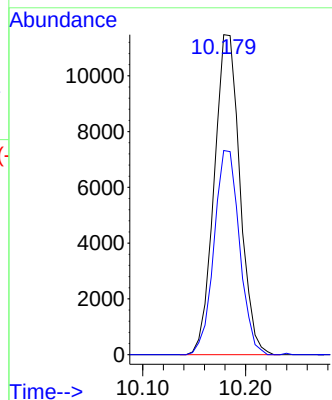
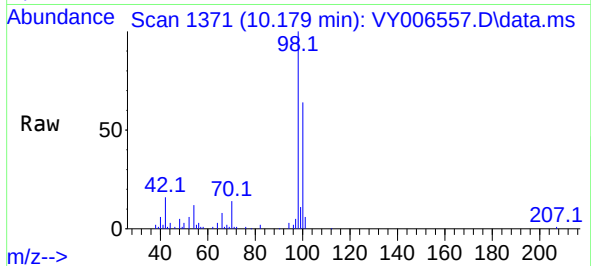




#50
Toluene-d8
Concen: 52.121 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006557.D
Acq: 01 Nov 2021 17:18

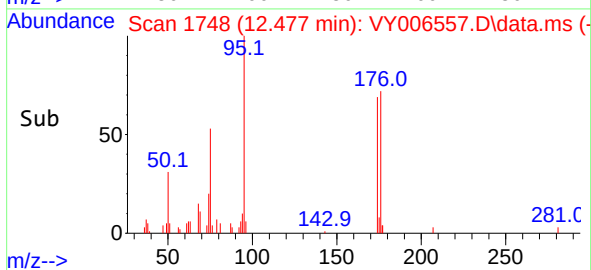
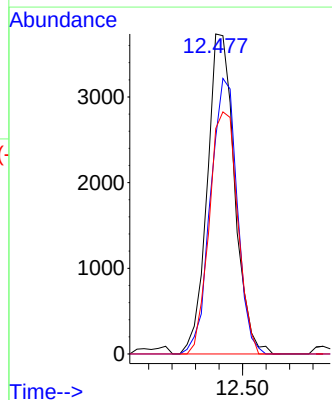
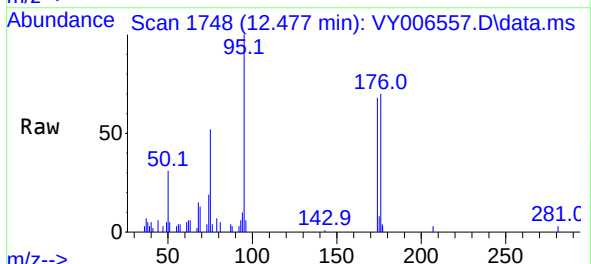
Instrument :
MSVOA_Y
ClientSampleId :
T2-B2-S

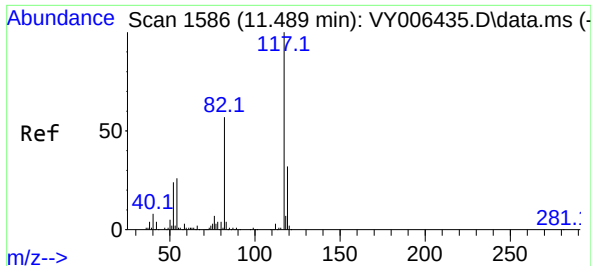
Tgt Ion: 98 Resp: 19927
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.844 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY006557.D
Acq: 01 Nov 2021 17:18

Tgt Ion: 95 Resp: 6033
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 78.5 0.0 169.4

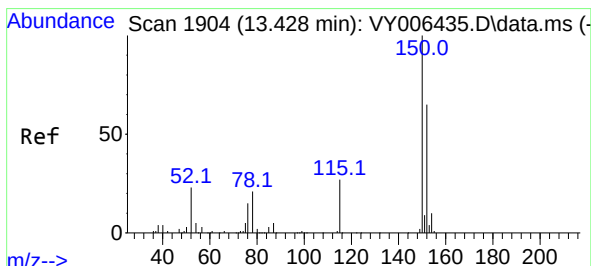
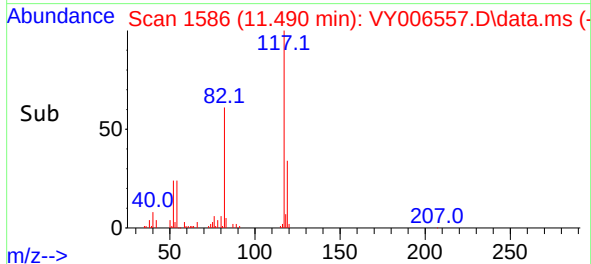
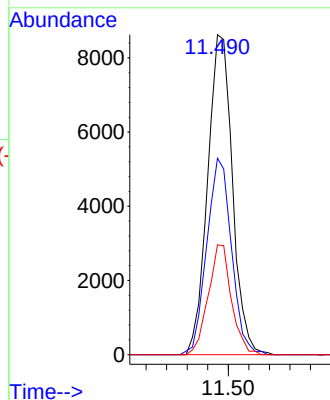
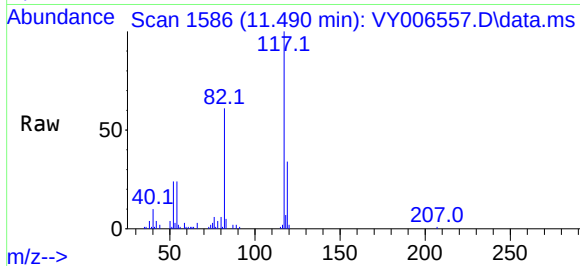




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006557.D
Acq: 01 Nov 2021 17:18

Instrument :
MSVOA_Y
ClientSampleId :
T2-B2-S

Tgt Ion:	117	Resp:	14457
Ion	Ratio	Lower	Upper
117	100		
82	61.4	45.7	68.5
119	34.3	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: VY006557.D
Acq: 01 Nov 2021 17:18

Tgt Ion:	152	Resp:	5757
Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.5	85.5
150	151.3	0.0	348.2

