

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
 Data File : VY004737.D
 Acq On : 11 May 2021 11:04
 Operator : SY/MD
 Sample : VY0511SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBL01

Quant Time: May 12 00:58:07 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	163057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	297843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	288066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113366	58.41	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.82%
35) Dibromofluoromethane	7.728	113	93523	57.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.72%
50) Toluene-d8	10.185	98	371540	50.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.88%
62) 4-Bromofluorobenzene	12.489	95	124750	50.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.36%

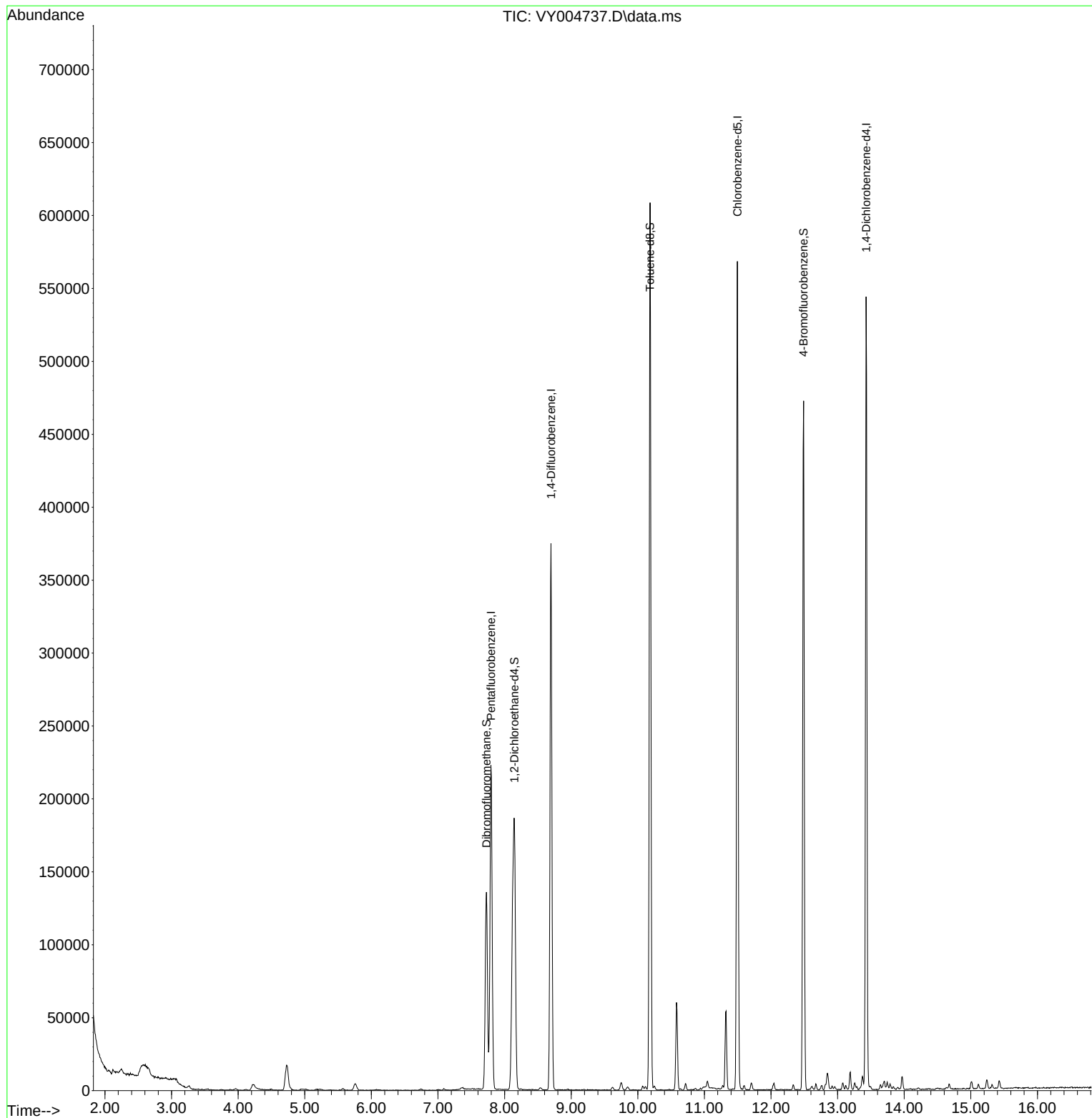
Target Compounds	Qvalue

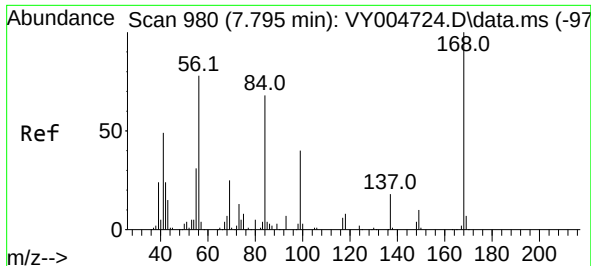
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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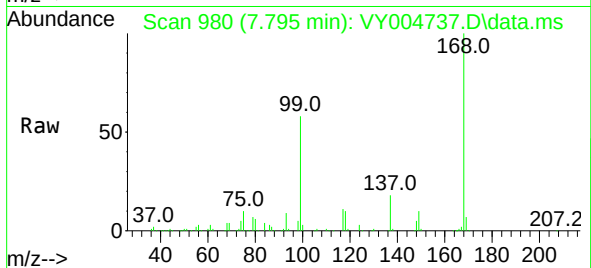
Quant Time: May 12 00:58:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
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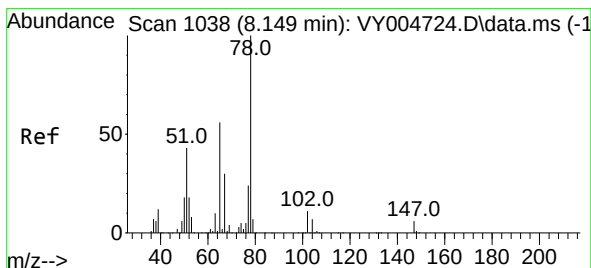
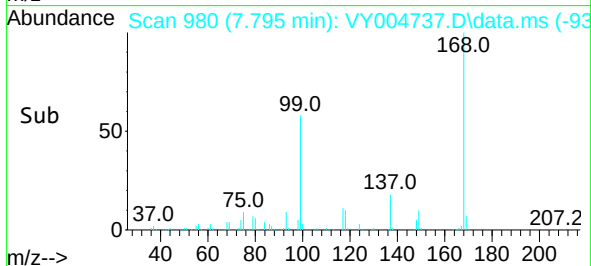
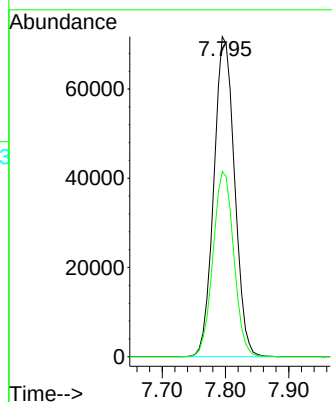


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

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MSVOA_Y
ClientSampleId :
VY0511SBL01

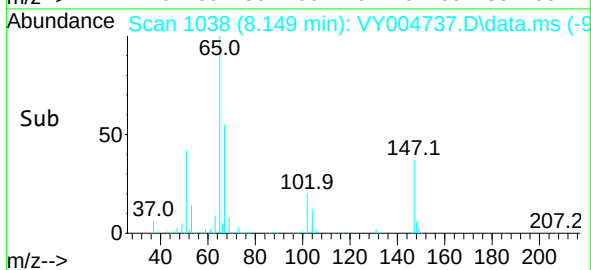
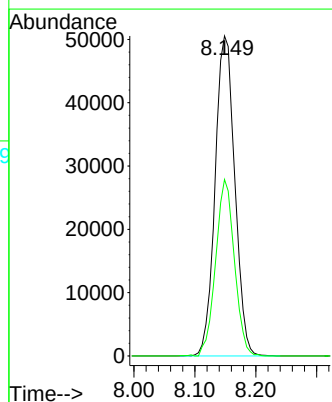
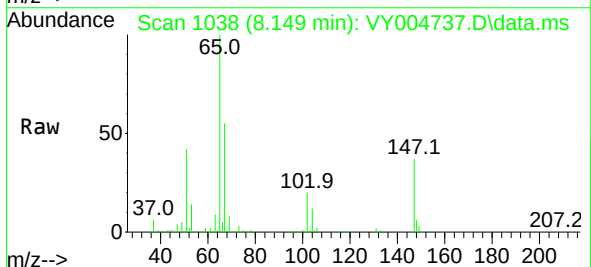


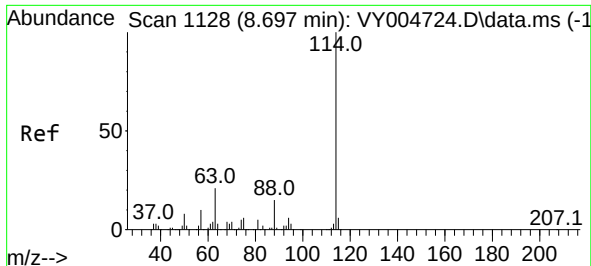
Tgt Ion:168 Resp: 163057
Ion Ratio Lower Upper
168 100
99 57.9 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 58.41 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

Tgt Ion: 65 Resp: 113366
Ion Ratio Lower Upper
65 100
67 52.6 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: VY004737.D

Acq: 11 May 2021 11:04

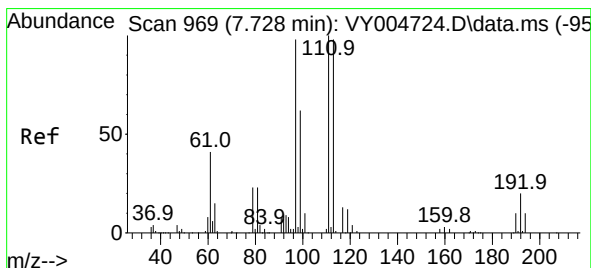
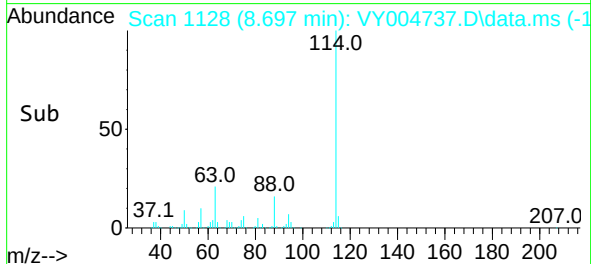
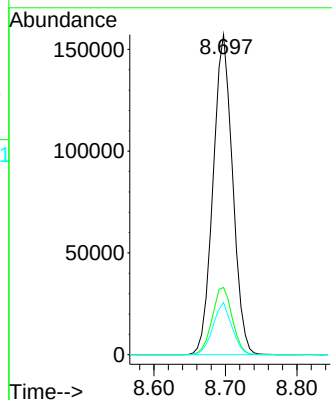
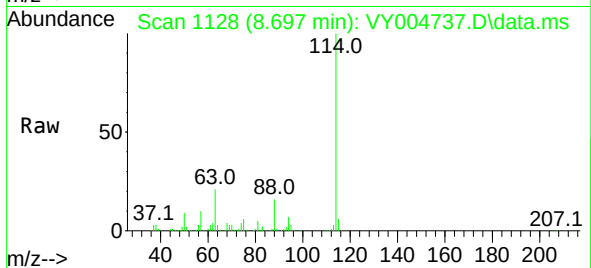
Tgt Ion:114 Resp: 297843

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 16.3 0.0 31.0



#35

Dibromofluoromethane

Concen: 57.36 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004737.D

Acq: 11 May 2021 11:04

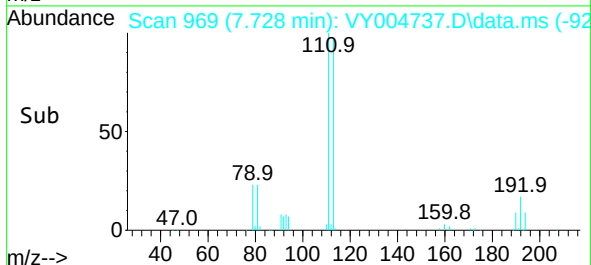
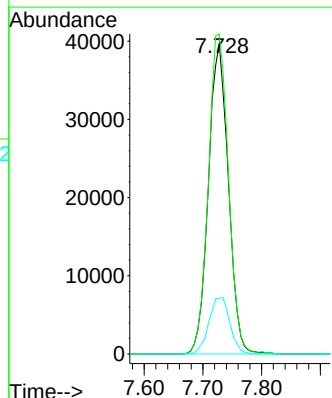
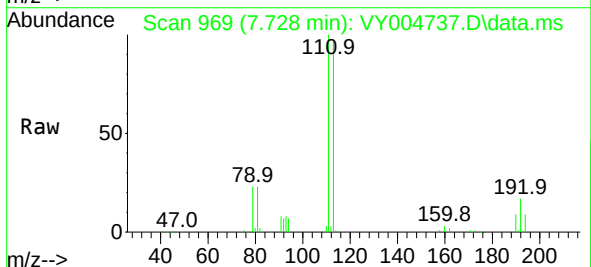
Tgt Ion:113 Resp: 93523

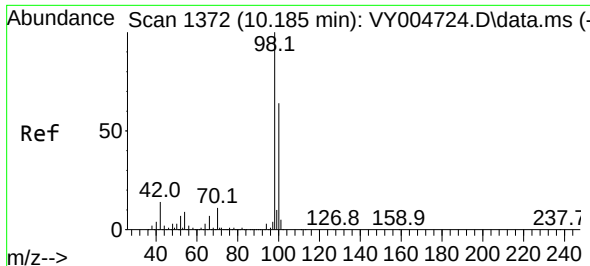
Ion Ratio Lower Upper

113 100

111 104.5 80.5 120.7

192 19.2 15.0 22.6

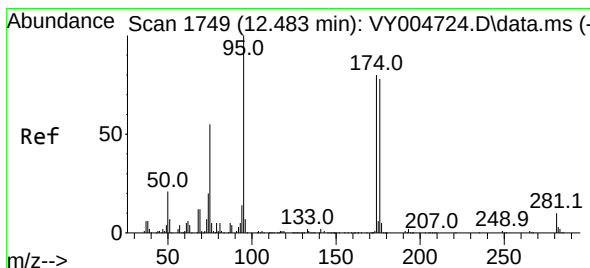
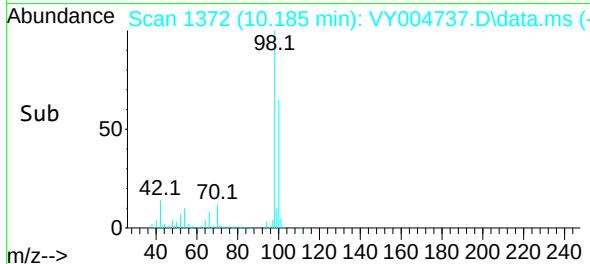
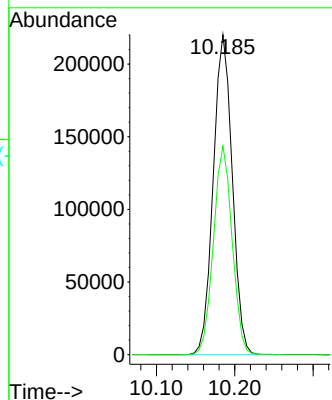
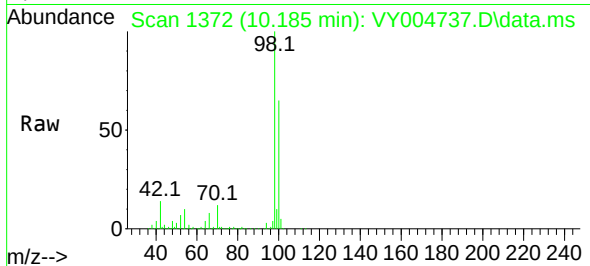




#50
Toluene-d8
Concen: 50.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

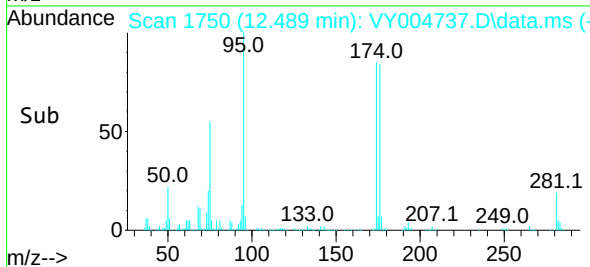
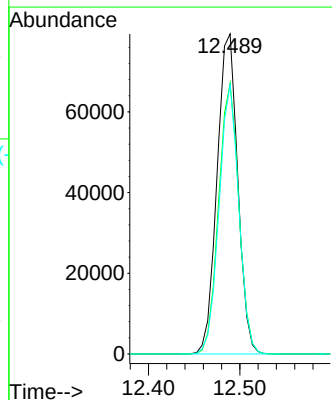
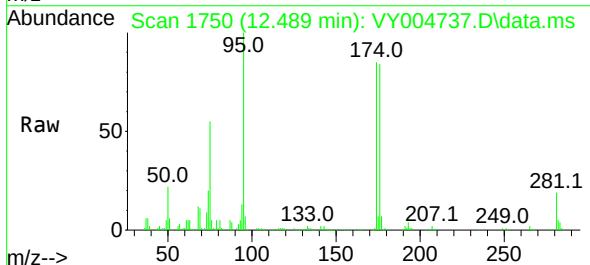
Instrument :
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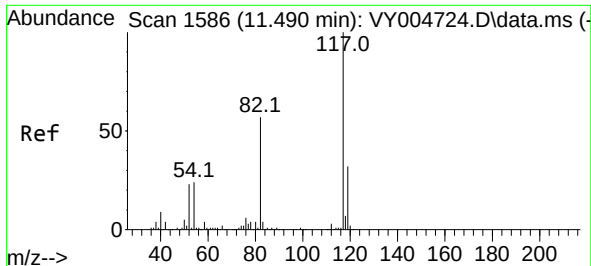
Tgt Ion: 98 Resp: 371540
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.18 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

Tgt Ion: 95 Resp: 124750
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.2
176 80.2 0.0 159.0

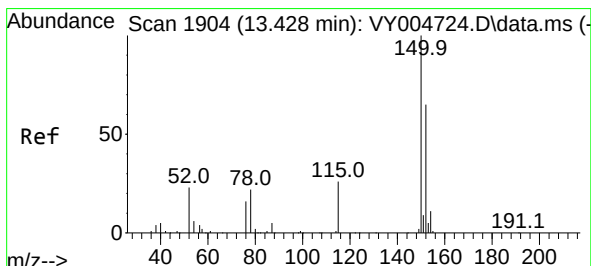
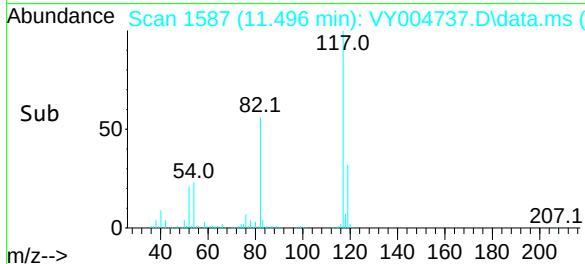
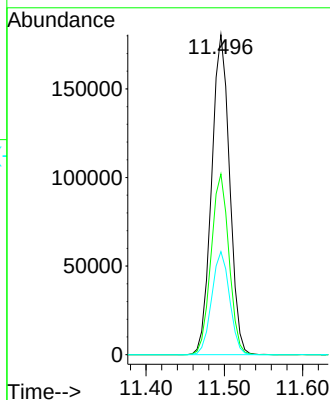
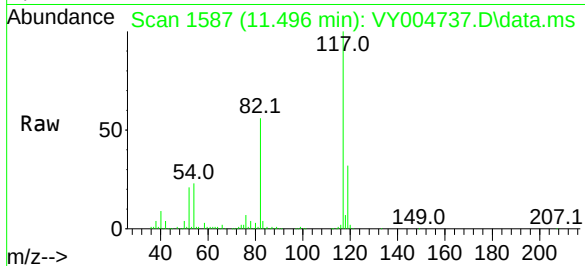




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

Tgt Ion:	117	Resp:	288066
Ion Ratio	Lower	Upper	
117	100		
82	56.5	45.4	68.2
119	32.2	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: VY004737.D
Acq: 11 May 2021 11:04

Tgt Ion:	152	Resp:	129229
Ion Ratio	Lower	Upper	
152	100		
115	59.4	29.4	88.3
150	157.5	0.0	349.8

