

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006797.D
 Acq On : 17 Nov 2021 19:26
 Operator : SY/MD
 Sample : M4707-39
 Misc : 4.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4-COMP

Quant Time: Nov 18 03:03:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

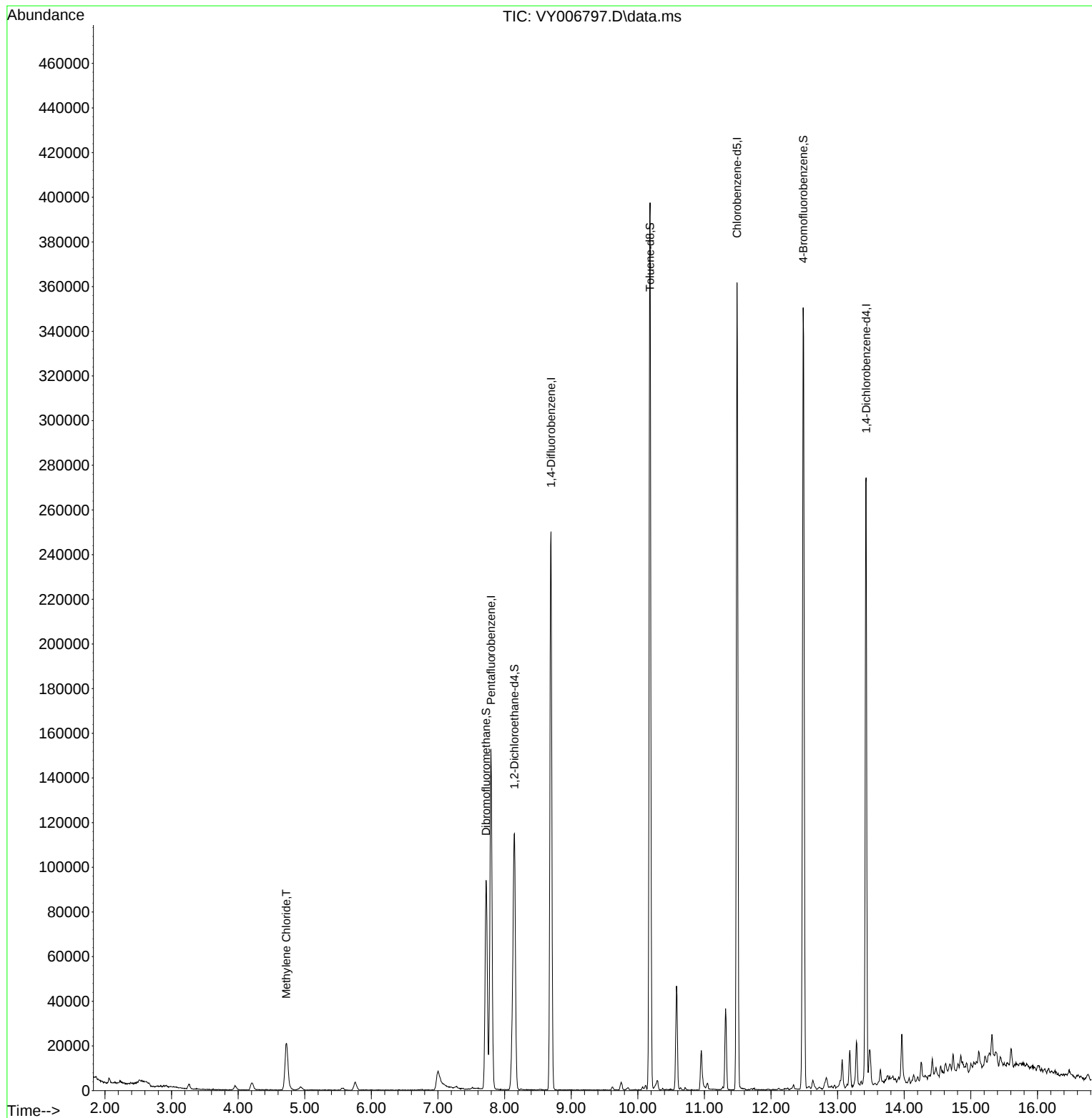
Internal Standards						
1) Pentafluorobenzene	7.795	168	112203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	196056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	176936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83244	56.607	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.220%
35) Dibromofluoromethane	7.722	113	64113	53.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.480%
50) Toluene-d8	10.185	98	248435	49.853	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.483	95	73588	43.802	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.600%
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	14705	8.163	ug/l	90

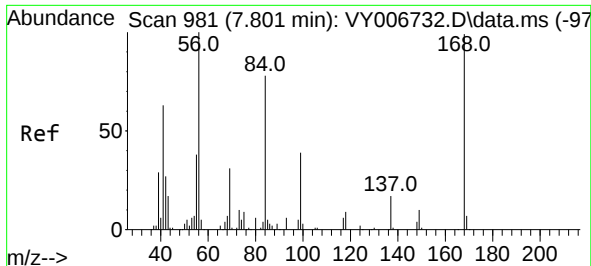
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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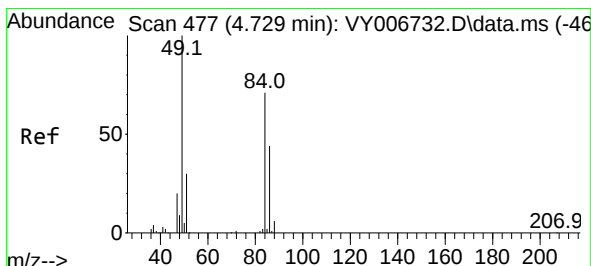
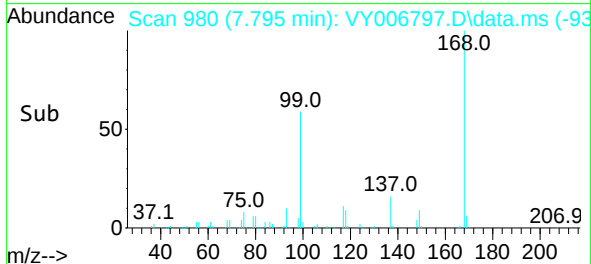
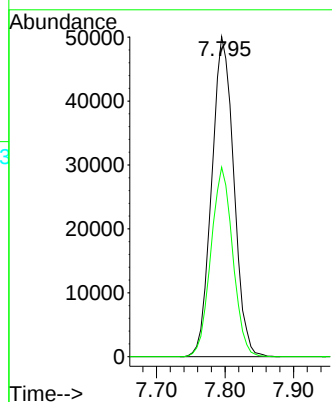
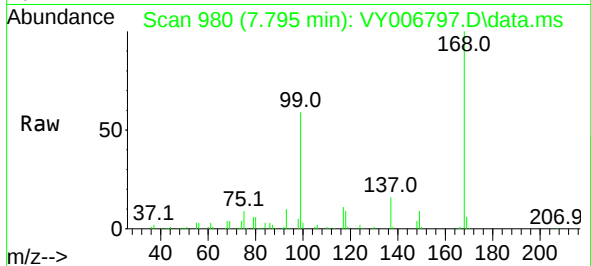




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

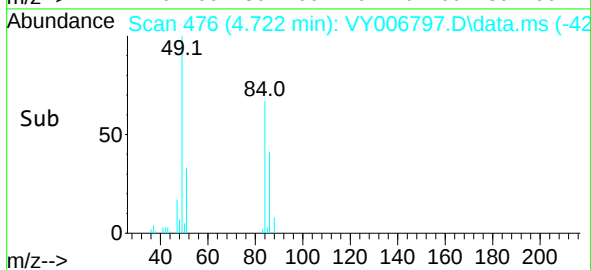
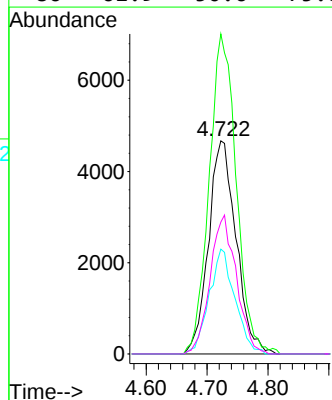
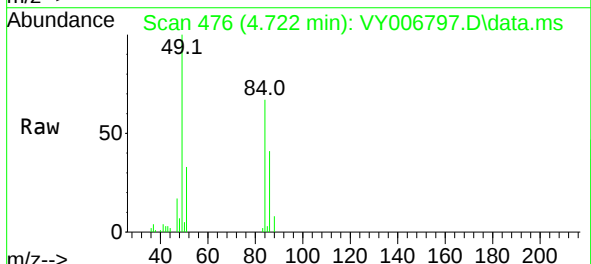
Instrument :
MSVOA_Y
ClientSampleId :
4-COMP

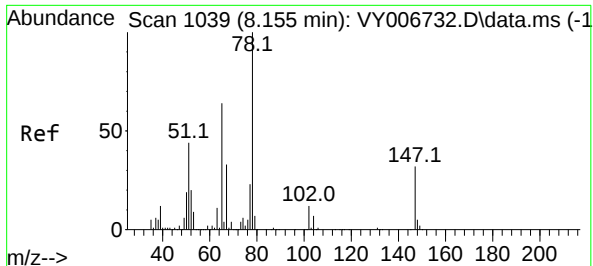
Tgt Ion:168 Resp: 112203
Ion Ratio Lower Upper
168 100
99 59.2 44.8 67.2



#20
Methylene Chloride
Concen: 8.163 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

Tgt Ion: 84 Resp: 14705
Ion Ratio Lower Upper
84 100
49 150.2 107.8 161.8
51 49.2 32.8 49.2
86 61.9 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 56.607 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006797.D

Acq: 17 Nov 2021 19:26

Instrument :

MSVOA_Y

ClientSampleId :

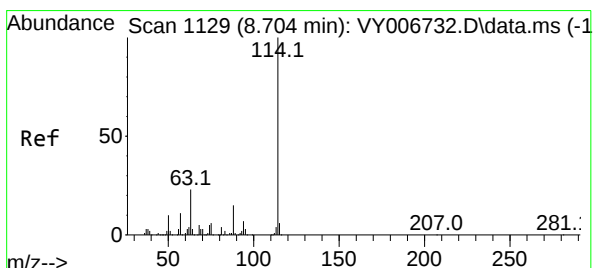
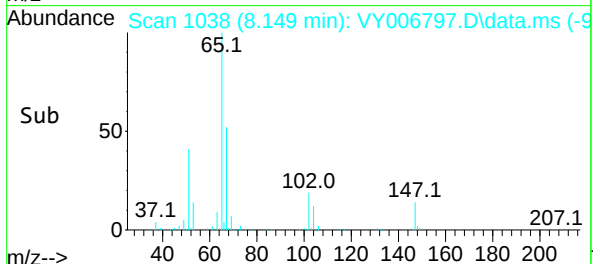
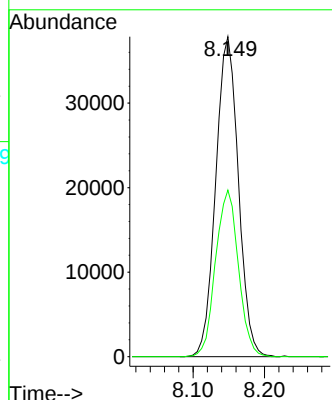
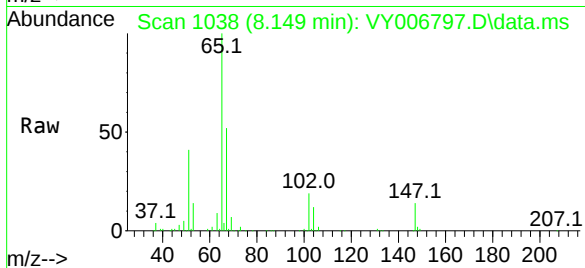
4-COMP

Tgt Ion: 65 Resp: 83244

Ion Ratio Lower Upper

65 100

67 52.6 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006797.D

Acq: 17 Nov 2021 19:26

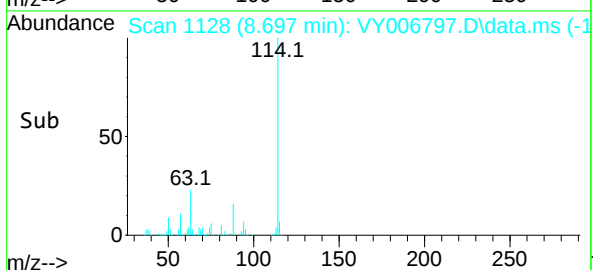
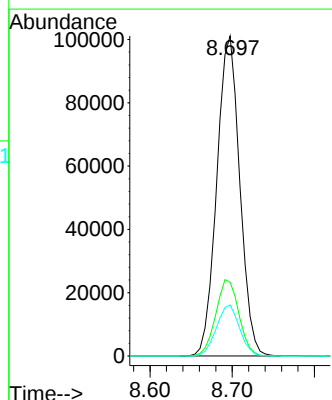
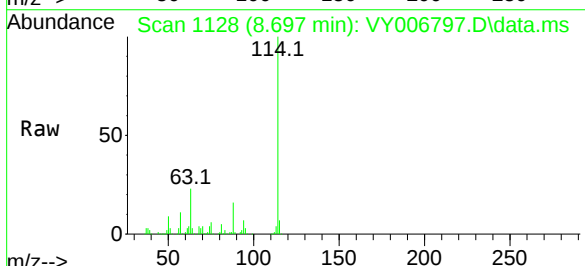
Tgt Ion: 114 Resp: 196056

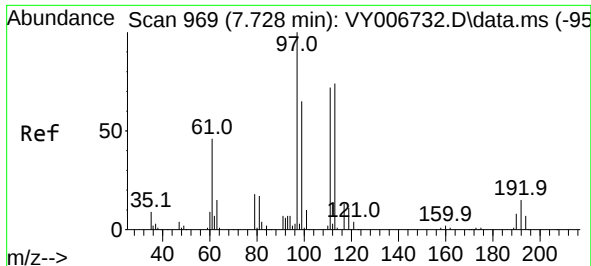
Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

88 15.9 0.0 30.6

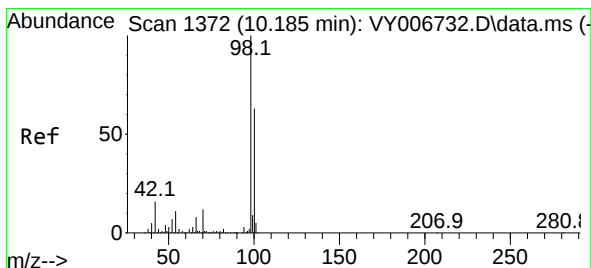
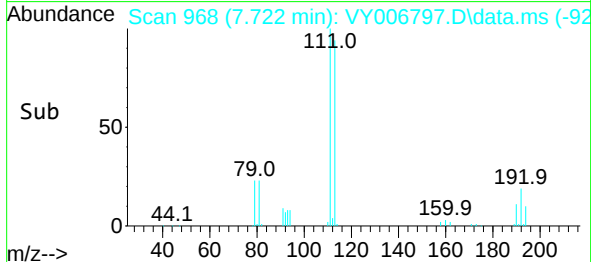
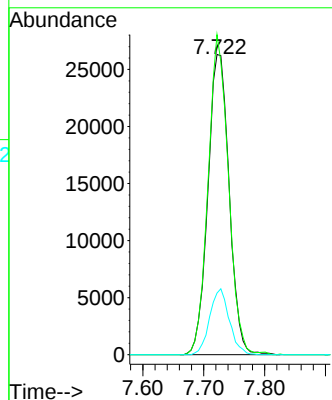
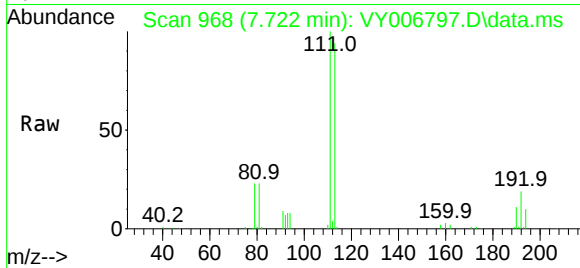




#35
Dibromofluoromethane
Concen: 53.239 ug/l
RT: 7.722 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

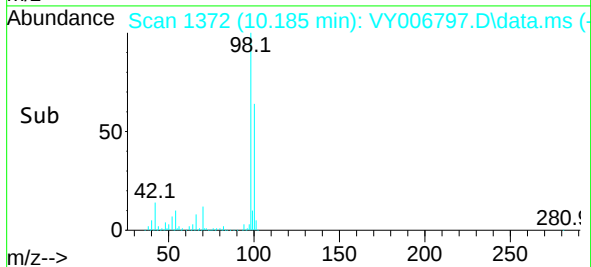
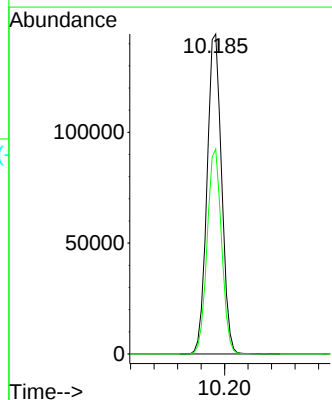
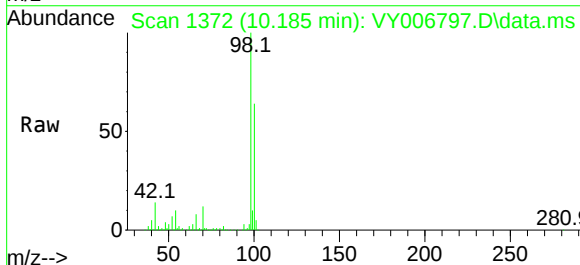
Instrument :
MSVOA_Y
ClientSampleId :
4-COMP

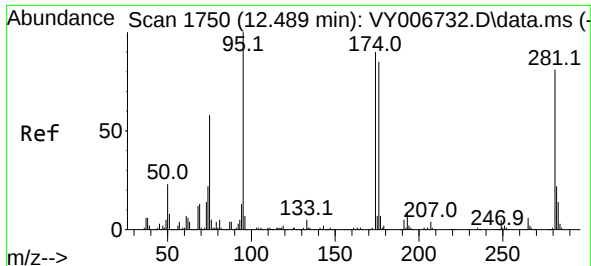
Tgt Ion:113 Resp: 64113
Ion Ratio Lower Upper
113 100
111 101.5 82.3 123.5
192 20.2 17.4 26.2



#50
Toluene-d8
Concen: 49.853 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

Tgt Ion: 98 Resp: 248435
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

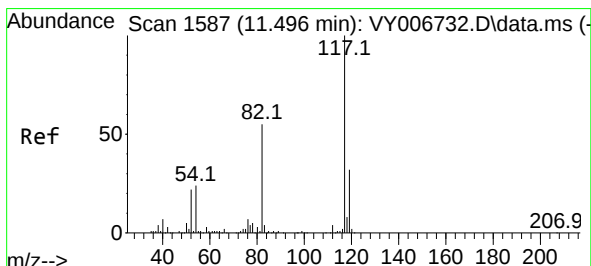
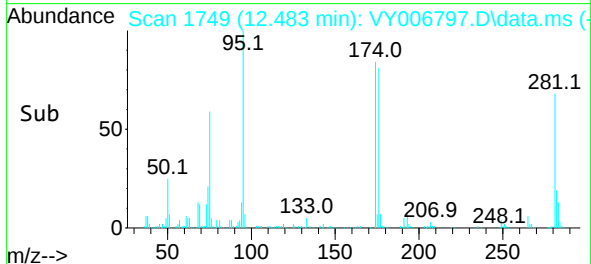
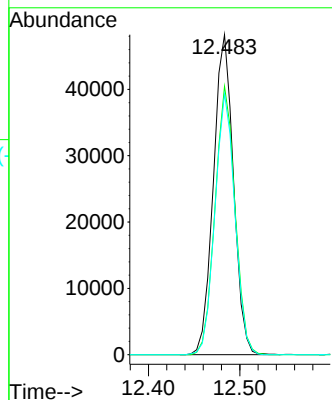
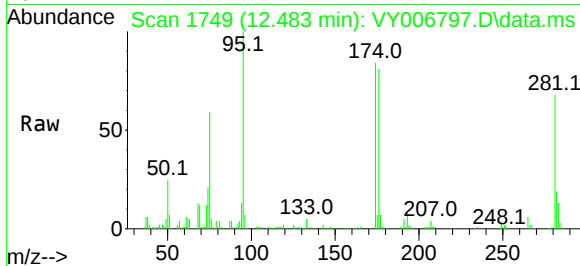




#62
4-Bromofluorobenzene
Concen: 43.802 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

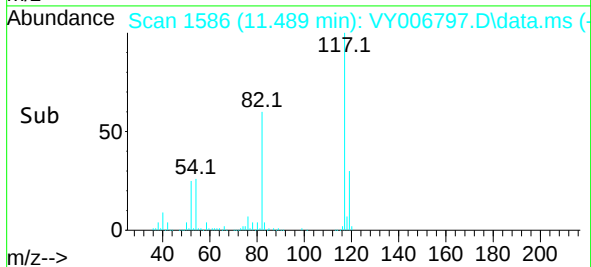
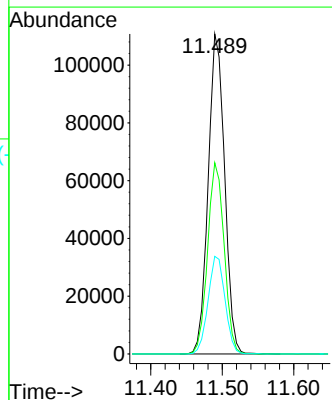
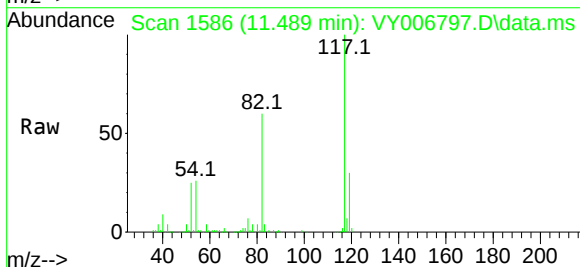
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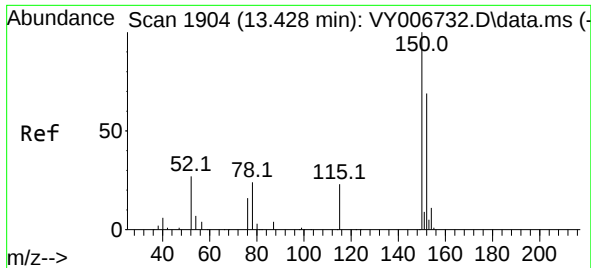
Tgt Ion: 95 Resp: 73588
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 81.1 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006797.D
Acq: 17 Nov 2021 19:26

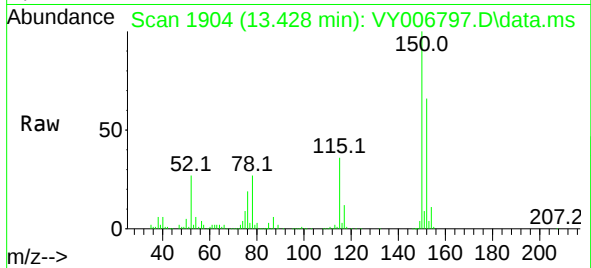
Tgt Ion: 117 Resp: 176936
Ion Ratio Lower Upper
117 100
82 59.7 45.7 68.5
119 30.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006797.D
 Acq: 17 Nov 2021 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 4-COMP



Tgt Ion:152 Resp: 65454
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.5 85.5
 150 156.1 0.0 348.2

