

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007087.D
 Acq On : 08 Jan 2022 18:38
 Operator : SY/MD
 Sample : N1071-01
 Misc : 6.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FM-E6-01-4.5

Quant Time: Jan 10 03:42:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	131727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	232274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	210846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87345	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88117	55.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.840%
35) Dibromofluoromethane	7.722	113	76316	49.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.185	98	281416	49.215	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.483	95	98960	47.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.980%

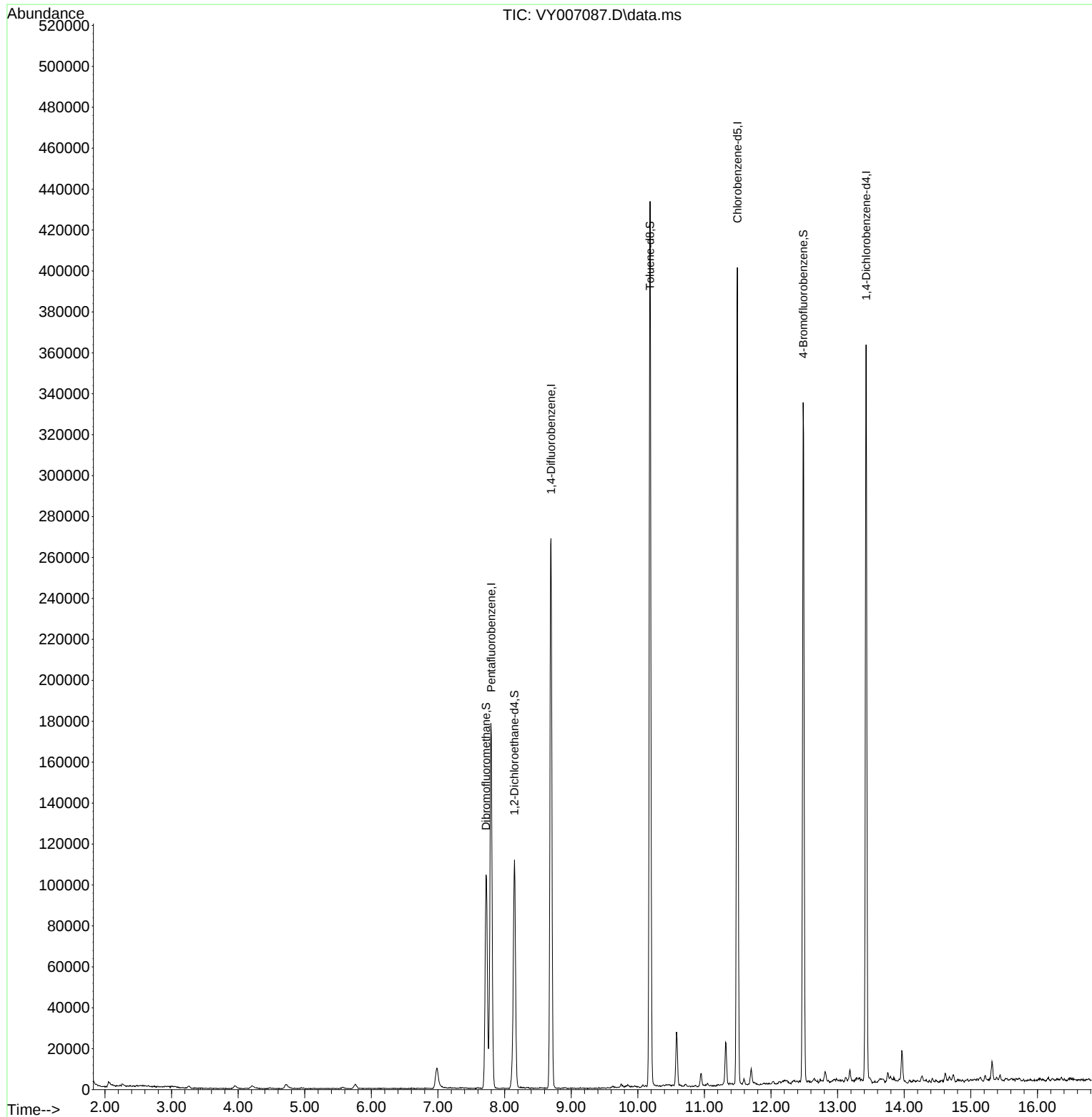
Target Compounds	Qvalue

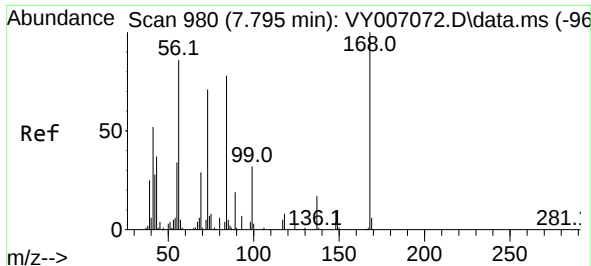
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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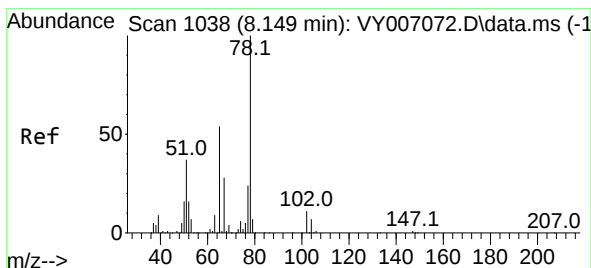
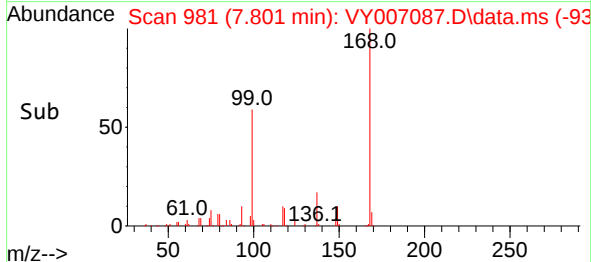
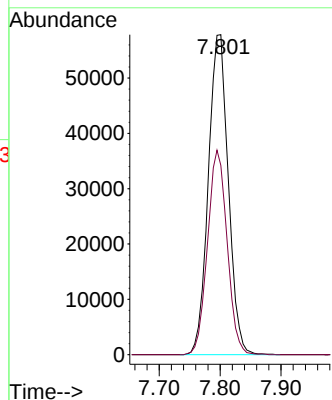
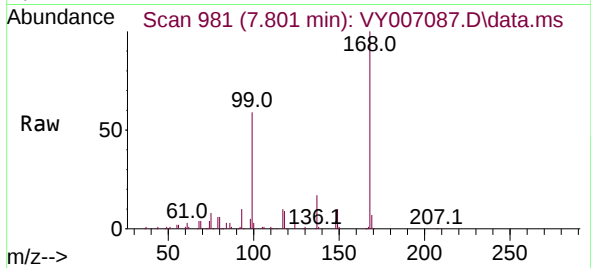




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

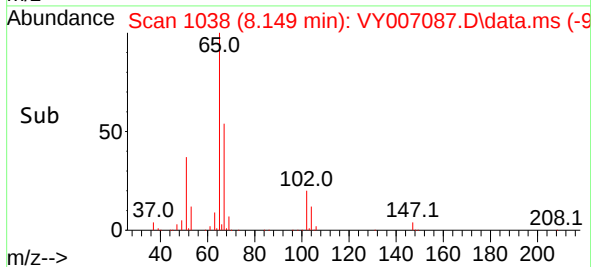
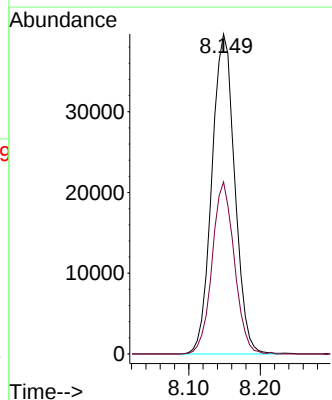
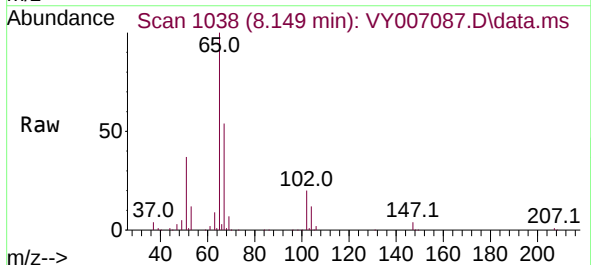
Instrument :
MSVOA_Y
ClientSampleId :
FM-E6-01-4.5

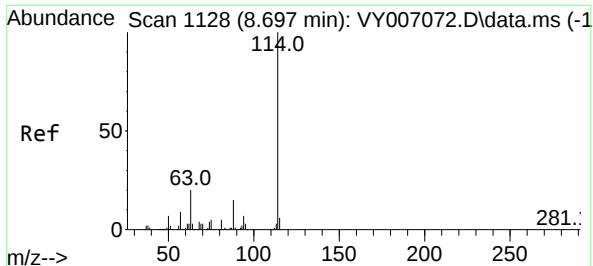
Tgt Ion:168 Resp: 131727
Ion Ratio Lower Upper
168 100
99 59.2 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 55.916 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

Tgt Ion: 65 Resp: 88117
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007087.D

Acq: 08 Jan 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

FM-E6-01-4.5

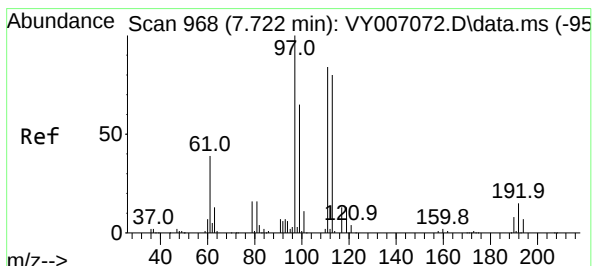
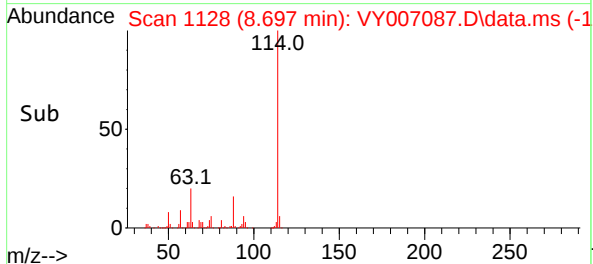
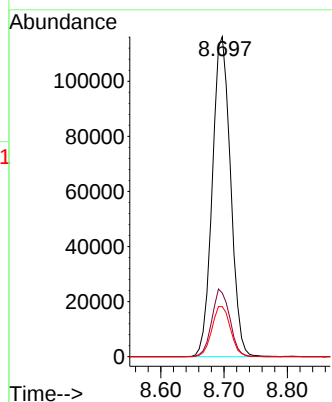
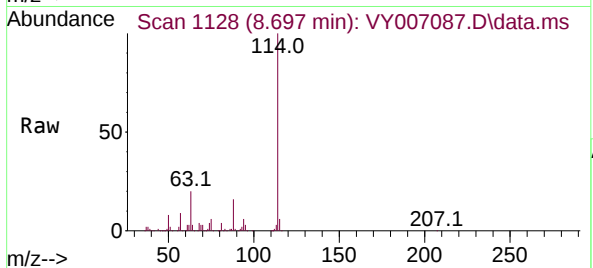
Tgt Ion:114 Resp: 232274

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 15.7 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.298 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007087.D

Acq: 08 Jan 2022 18:38

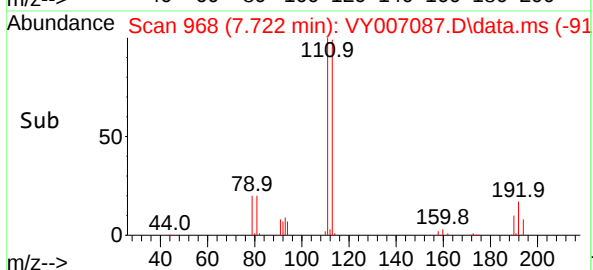
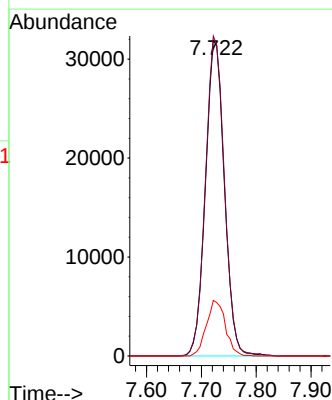
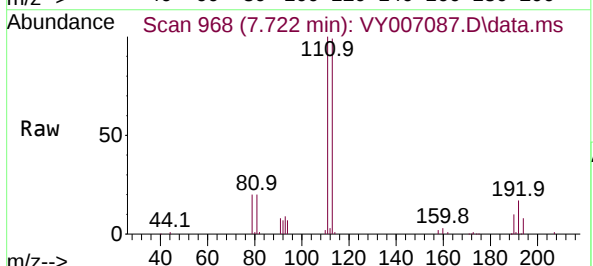
Tgt Ion:113 Resp: 76316

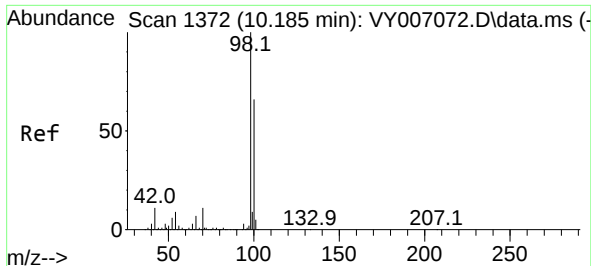
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 17.7 14.2 21.4

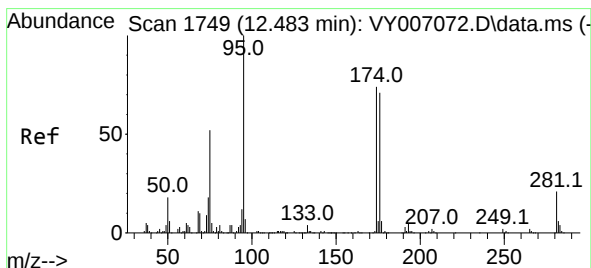
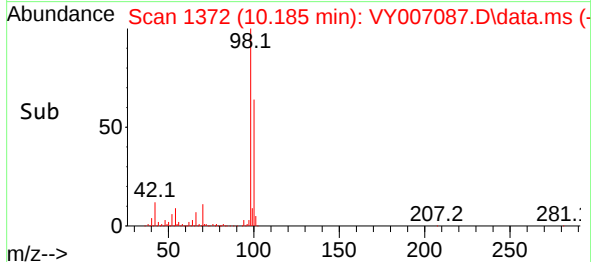
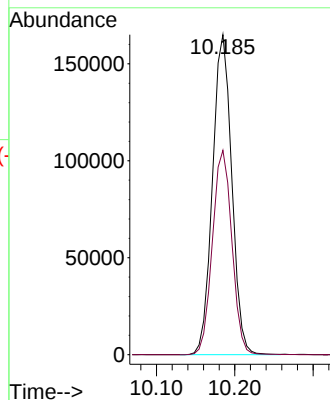
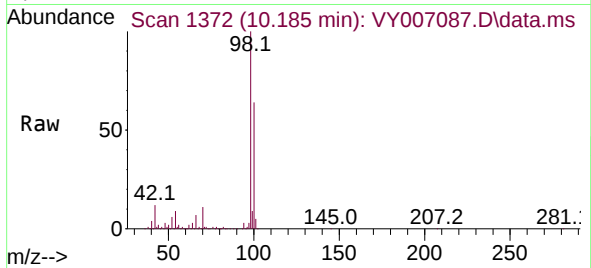




#50
Toluene-d8
Concen: 49.215 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

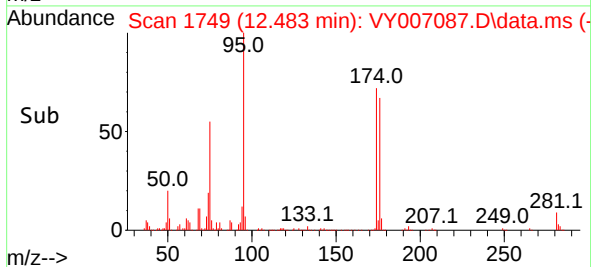
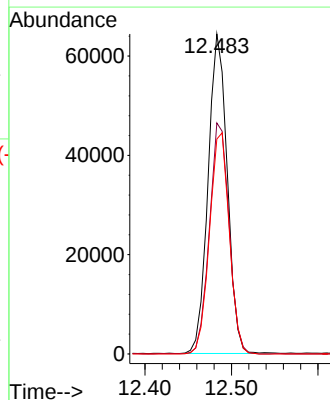
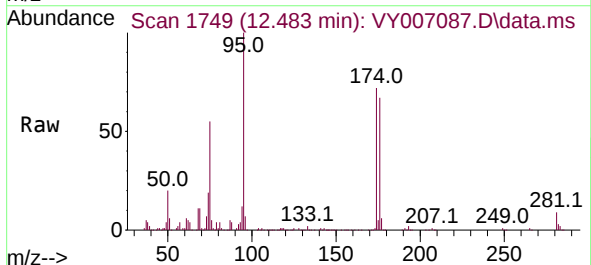
Instrument :
MSVOA_Y
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FM-E6-01-4.5

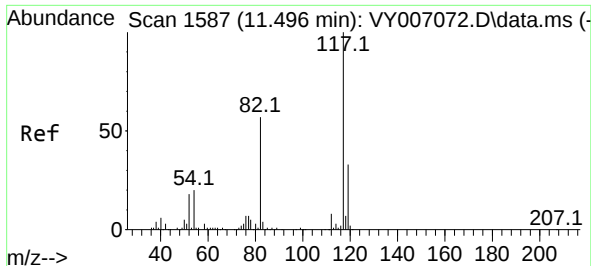
Tgt Ion: 98 Resp: 281416
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.986 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

Tgt Ion: 95 Resp: 98960
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.4
176 71.2 0.0 146.6

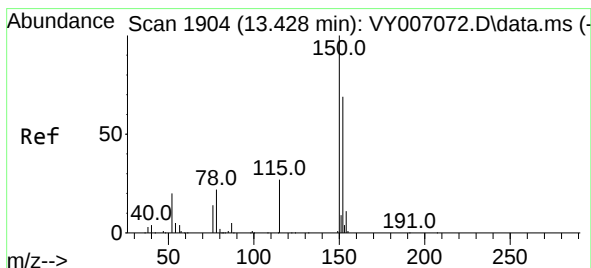
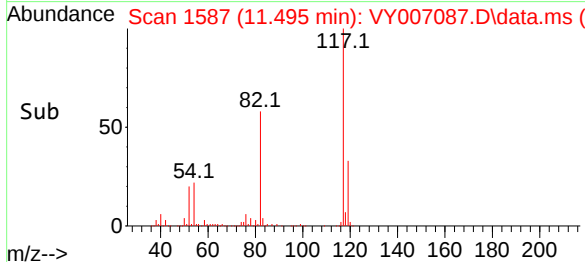
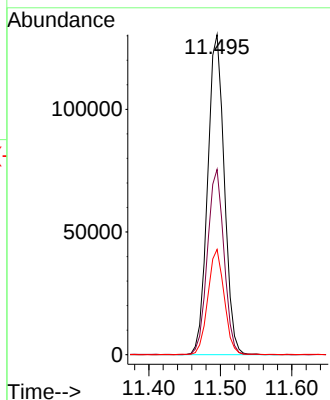
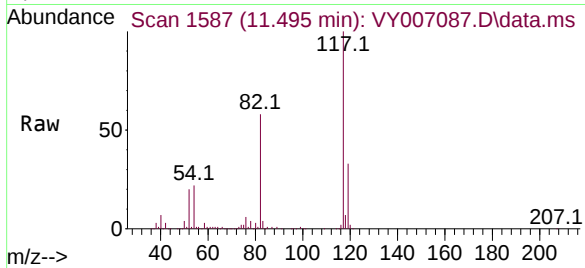




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

Instrument :
MSVOA_Y
ClientSampleId :
FM-E6-01-4.5

Tgt Ion:117 Resp: 210846
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.0
119 32.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

Tgt Ion:152 Resp: 87345
Ion Ratio Lower Upper
152 100
115 64.2 31.4 94.0
150 157.6 0.0 348.4

