

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006796.D
 Acq On : 17 Nov 2021 19:02
 Operator : SY/MD
 Sample : M4707-29
 Misc : 4.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3-COMP

Quant Time: Nov 18 03:03:33 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)

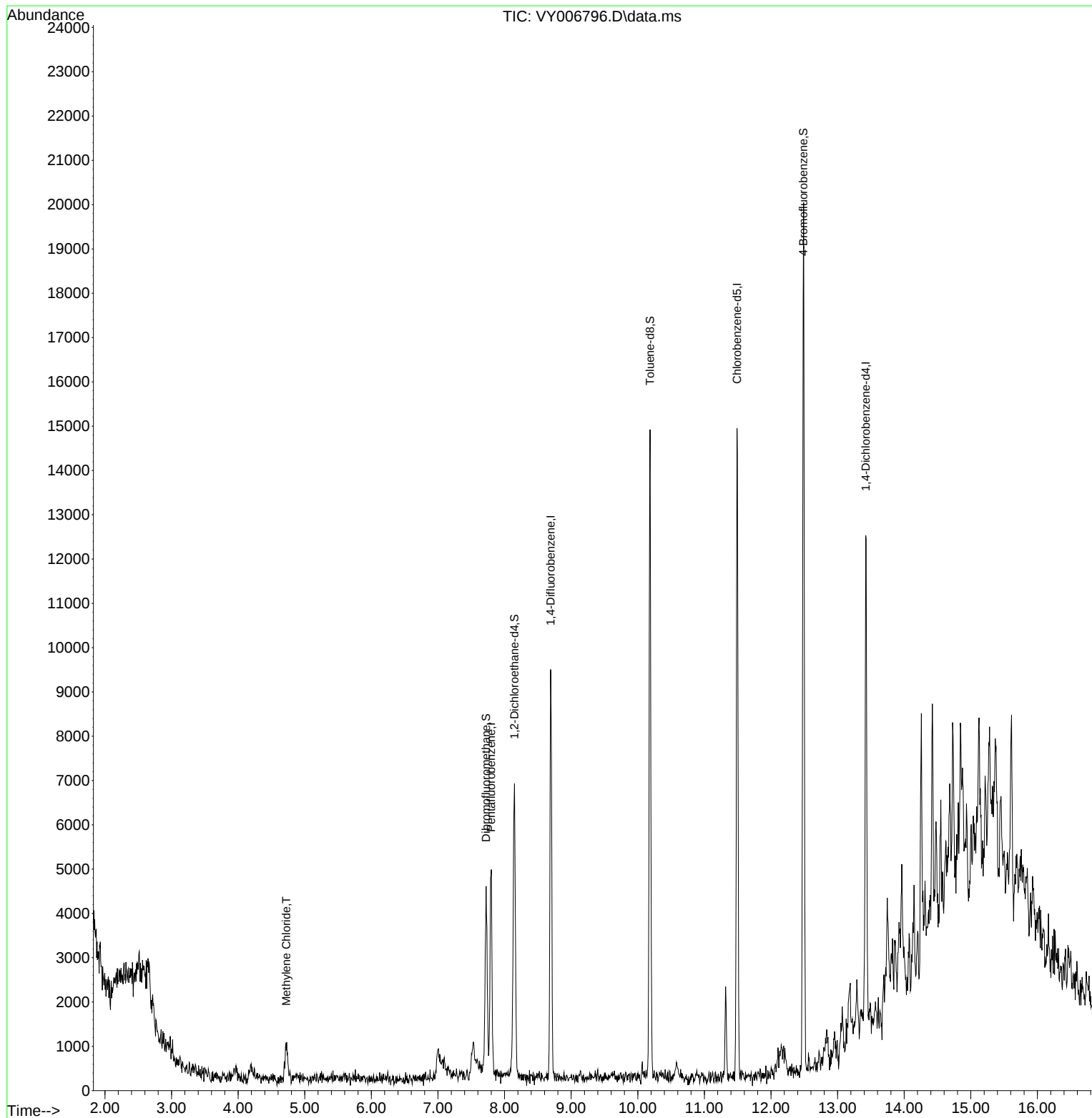
Internal Standards						
1) Pentafluorobenzene	7.795	168	3703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7091	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	8425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5155	106.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 212.440%#	
35) Dibromofluoromethane	7.722	113	2766	63.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.000%	
50) Toluene-d8	10.185	98	9002	49.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	12.483	95	3488	57.404	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.800%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.723	84	550	9.742	ug/l #	88

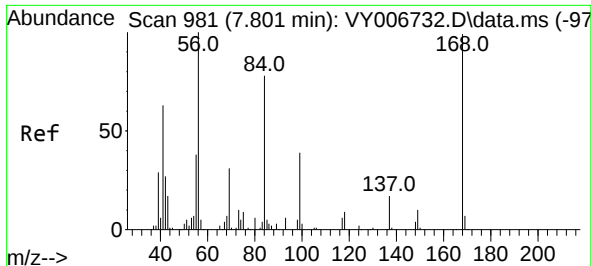
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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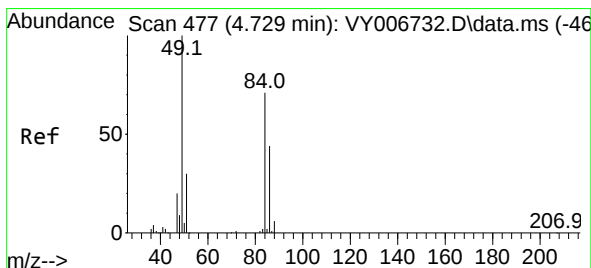
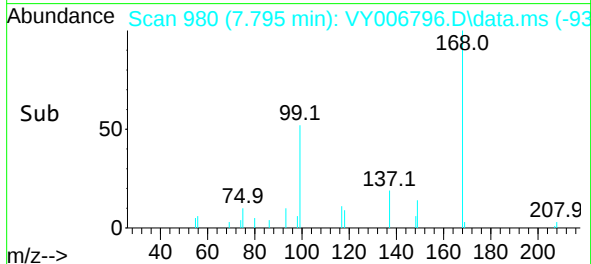
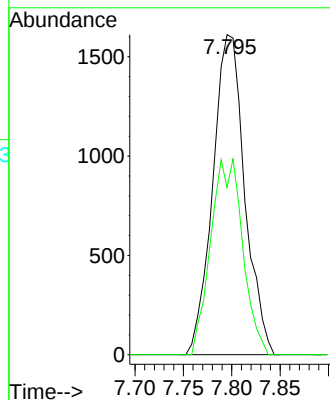
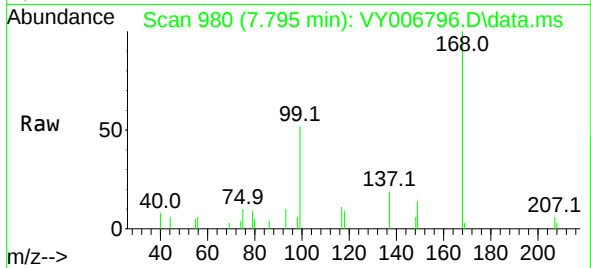




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

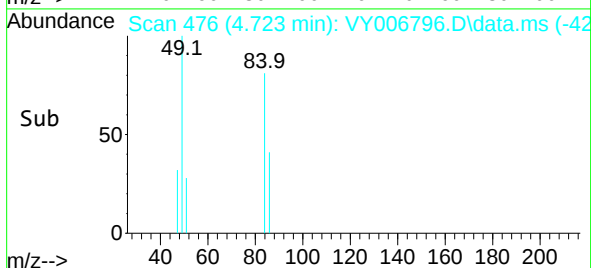
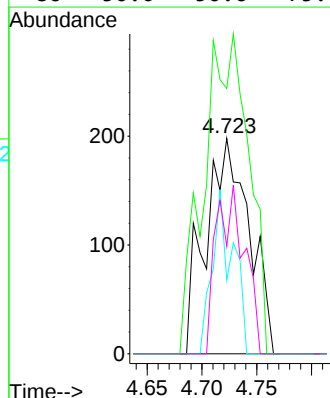
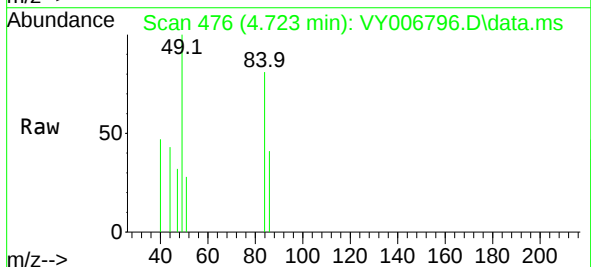
Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

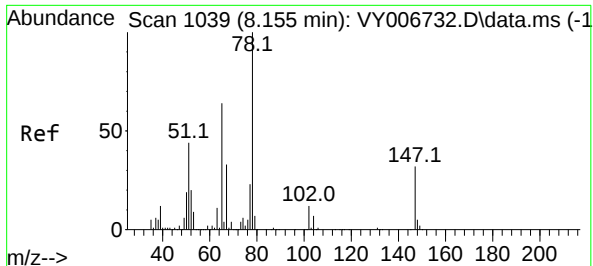
Tgt Ion:168 Resp: 3703
Ion Ratio Lower Upper
168 100
99 52.2 44.8 67.2



#20
Methylene Chloride
Concen: 9.742 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006796.D
Acq: 17 Nov 2021 19:02

Tgt Ion: 84 Resp: 550
Ion Ratio Lower Upper
84 100
49 123.2 107.8 161.8
51 34.3 32.8 49.2
86 50.0 50.6 75.8#

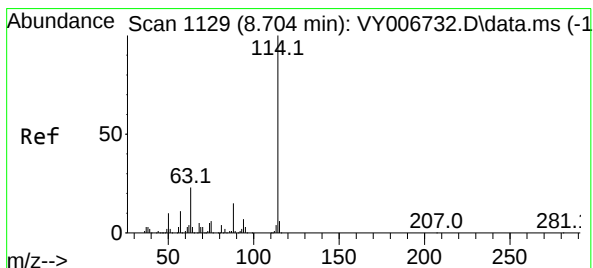
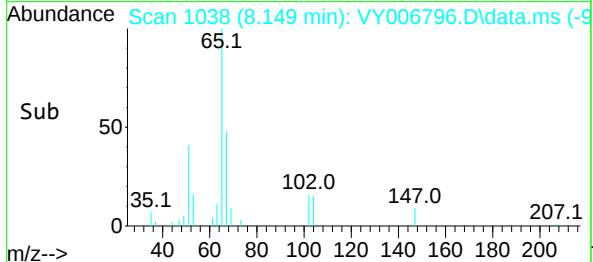
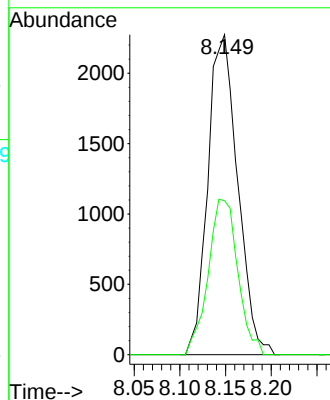
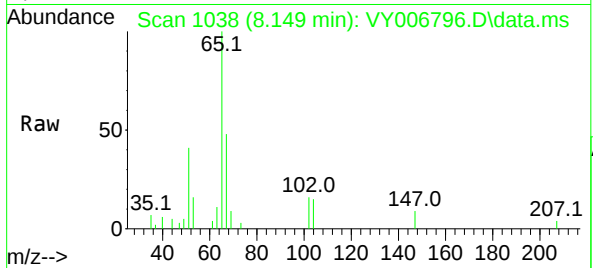




#33
 1,2-Dichloroethane-d4
 Concen: 106.218 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY006796.D
 Acq: 17 Nov 2021 19:02

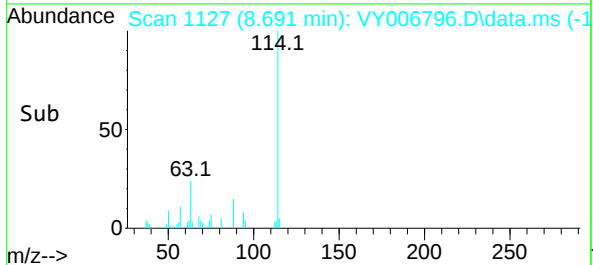
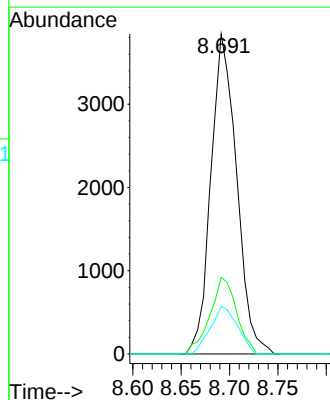
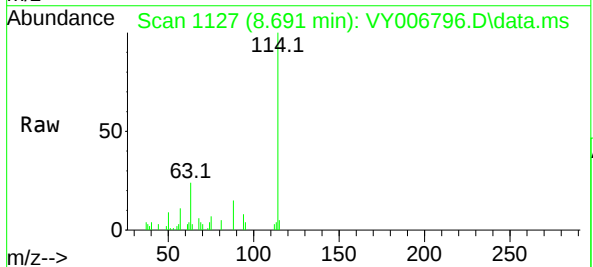
Instrument :
 MSVOA_Y
 ClientSampleId :
 3-COMP

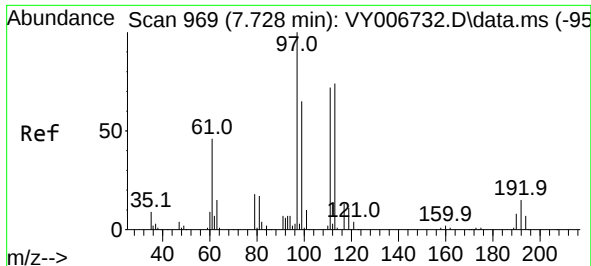
Tgt Ion: 65 Resp: 5155
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY006796.D
 Acq: 17 Nov 2021 19:02

Tgt Ion: 114 Resp: 7091
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 45.0
 88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 63.505 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY006796.D

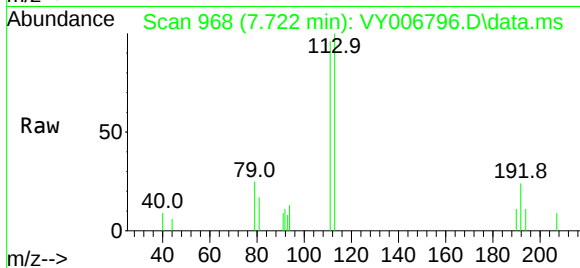
Acq: 17 Nov 2021 19:02

Instrument :

MSVOA_Y

ClientSampleId :

3-COMP



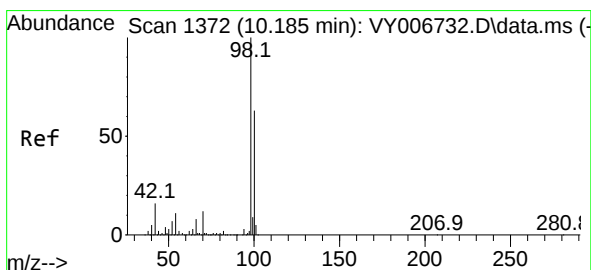
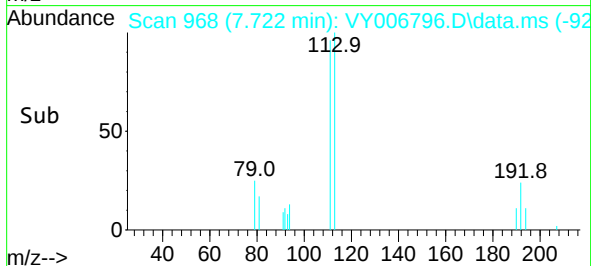
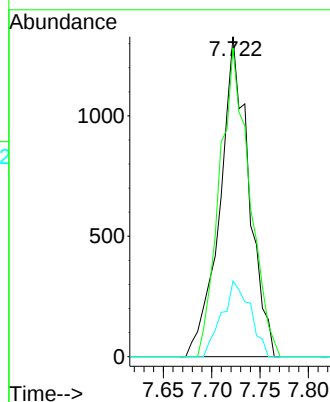
Tgt Ion:113 Resp: 2766

Ion Ratio Lower Upper

113 100

111 100.2 82.3 123.5

192 23.1 17.4 26.2



#50

Toluene-d8

Concen: 49.945 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY006796.D

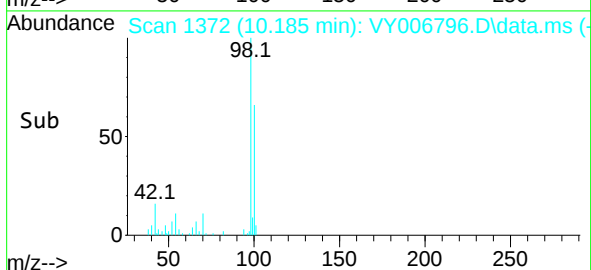
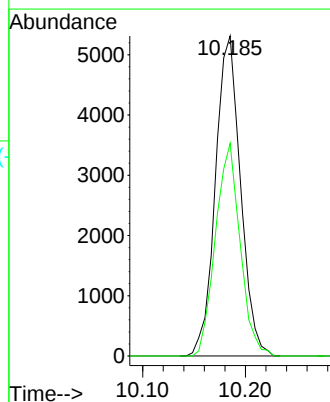
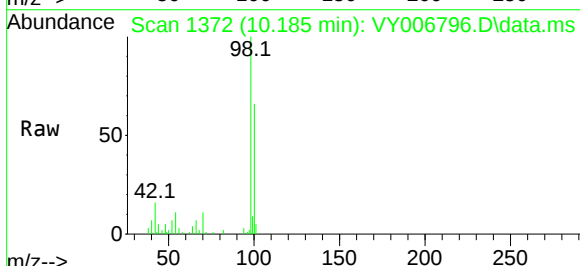
Acq: 17 Nov 2021 19:02

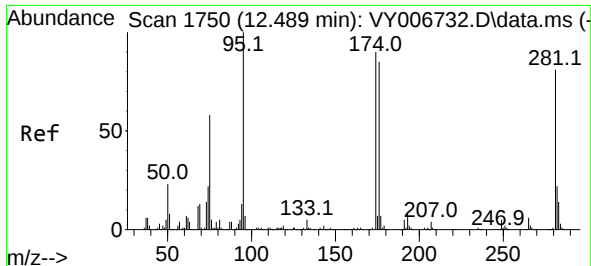
Tgt Ion: 98 Resp: 9002

Ion Ratio Lower Upper

98 100

100 65.2 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 57.404 ug/l

RT: 12.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006796.D

Acq: 17 Nov 2021 19:02

Instrument :

MSVOA_Y

ClientSampleId :

3-COMP

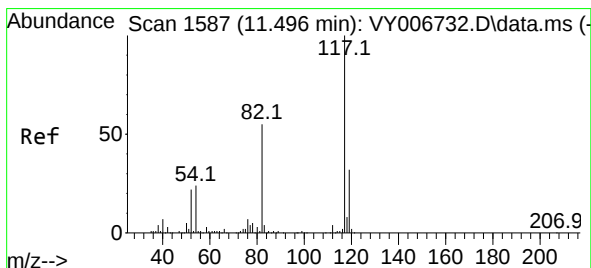
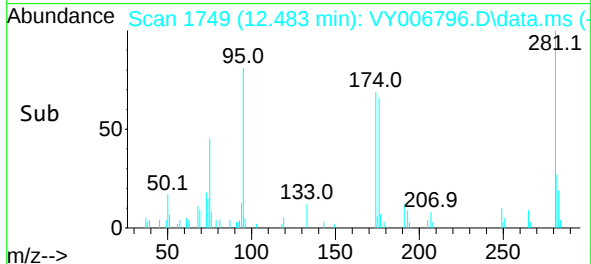
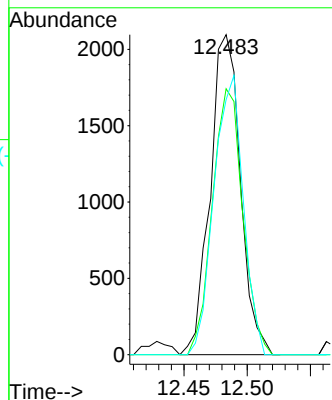
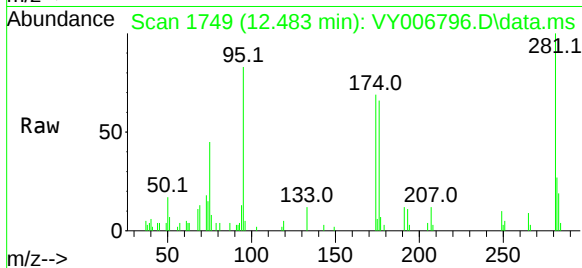
Tgt Ion: 95 Resp: 3488

Ion Ratio Lower Upper

95 100

174 83.4 0.0 177.0

176 84.1 0.0 169.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.006 min

Lab File: VY006796.D

Acq: 17 Nov 2021 19:02

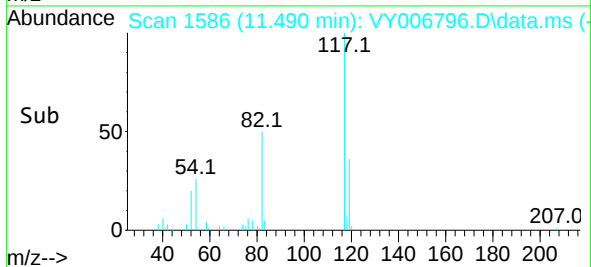
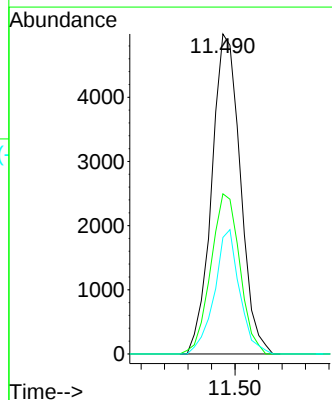
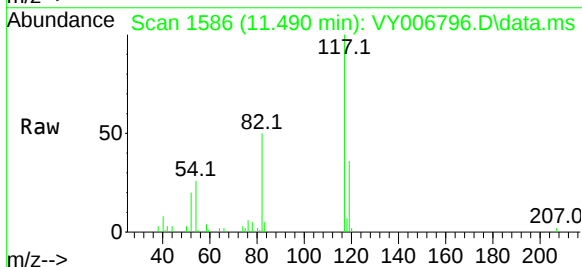
Tgt Ion: 117 Resp: 8425

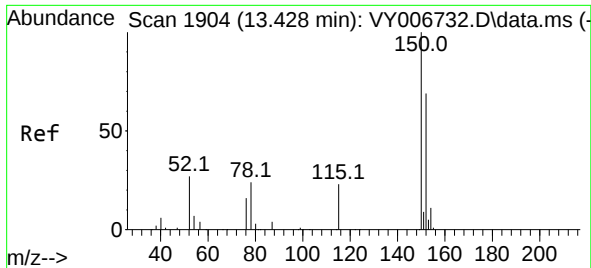
Ion Ratio Lower Upper

117 100

82 50.1 45.7 68.5

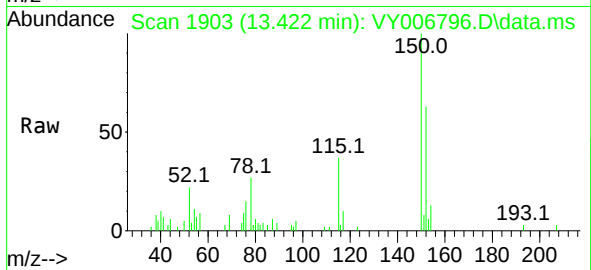
119 36.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY006796.D
 Acq: 17 Nov 2021 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 2658

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.5	85.5
150	157.9	0.0	348.2

