

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011617.D
 Acq On : 29 Nov 2022 13:13
 Operator : KP/MD
 Sample : N5793-03
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-40-SB02

Quant Time: Nov 30 04:42:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

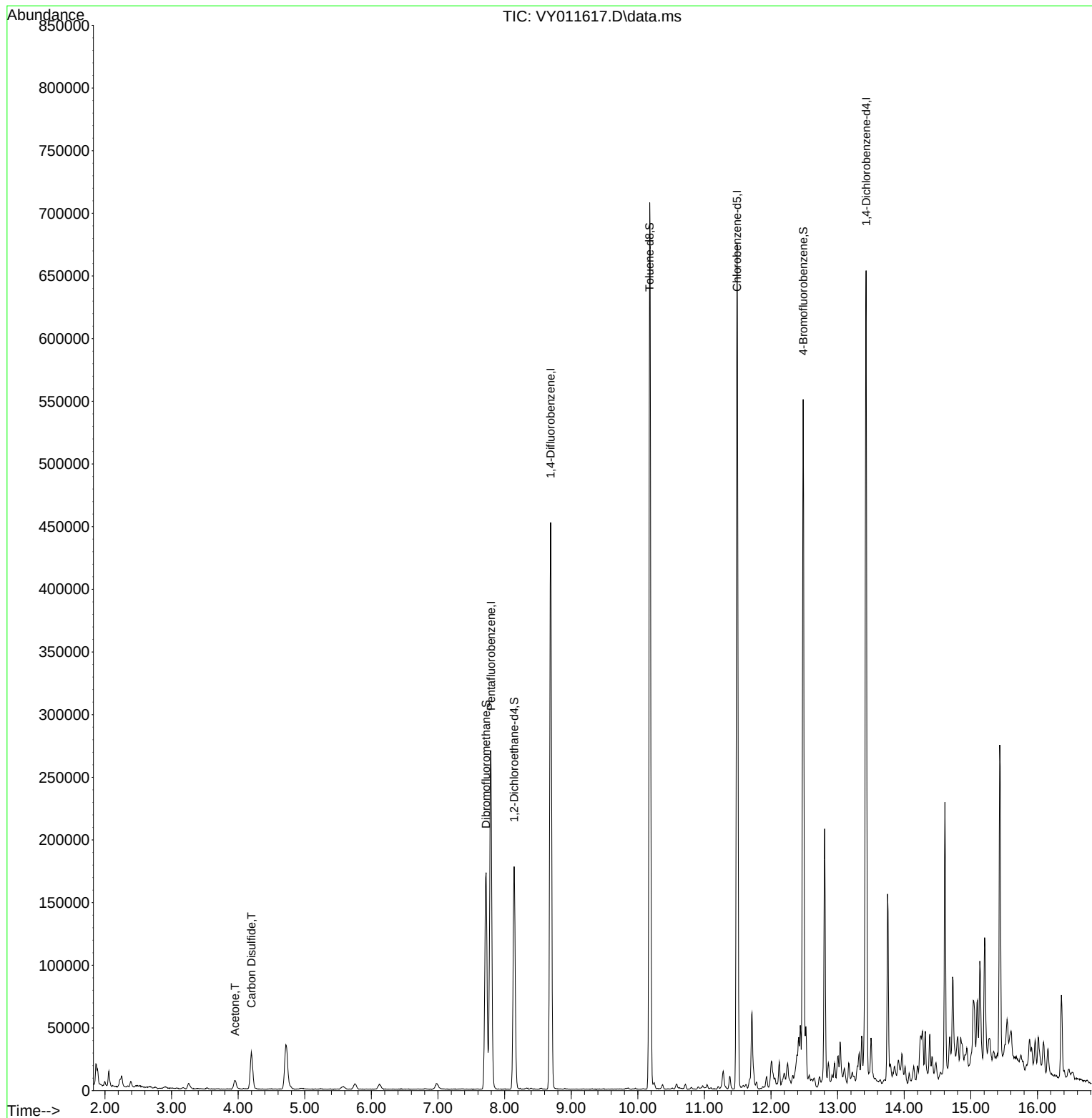
Internal Standards						
1) Pentafluorobenzene	7.795	168	205086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	139041	66.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.540%
35) Dibromofluoromethane	7.722	113	121937	52.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.520%
50) Toluene-d8	10.179	98	458310	54.054	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.100%
62) 4-Bromofluorobenzene	12.483	95	157766	50.326	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.660%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	12837	18.978	ug/l	# 88
17) Carbon Disulfide	4.198	76	58917	11.795	ug/l	97

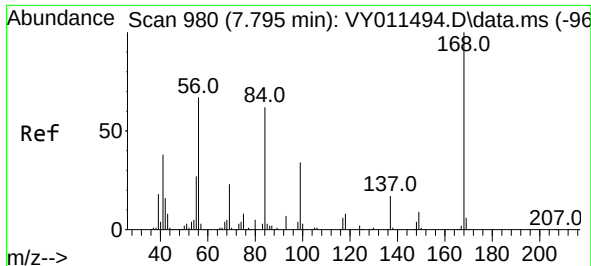
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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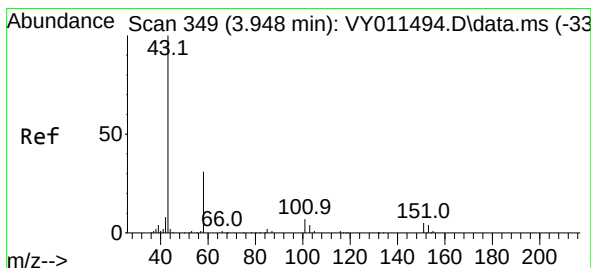
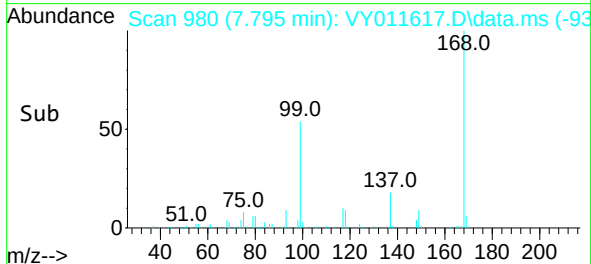
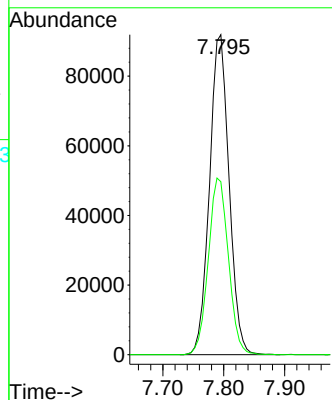
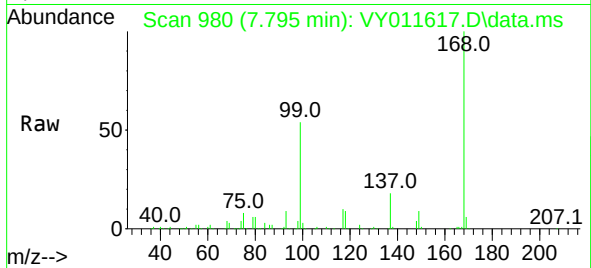




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011617.D
Acq: 29 Nov 2022 13:13

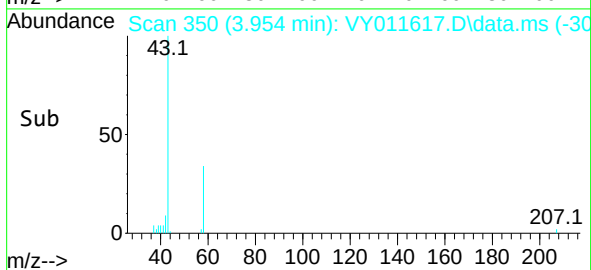
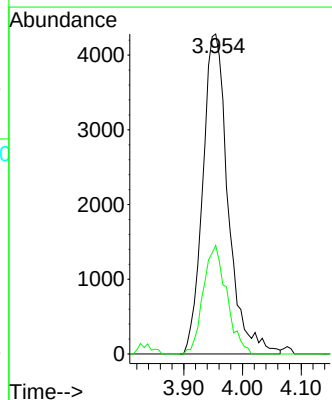
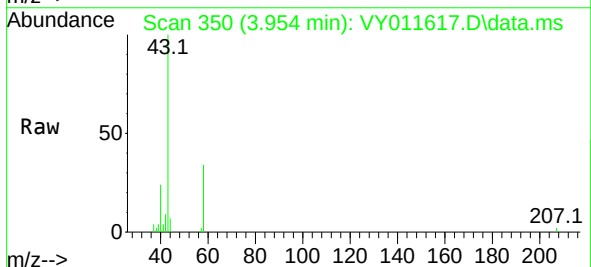
Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB02

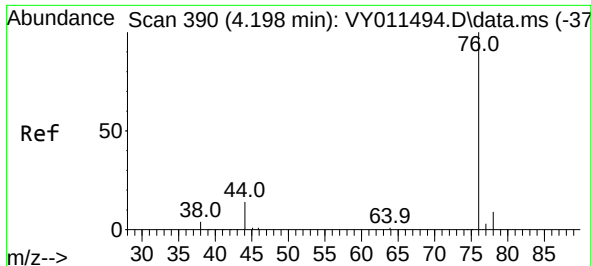
Tgt Ion:168 Resp: 205086
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#16
Acetone
Concen: 18.978 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011617.D
Acq: 29 Nov 2022 13:13

Tgt Ion: 43 Resp: 12837
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#

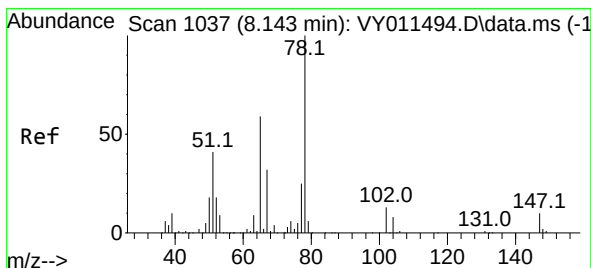
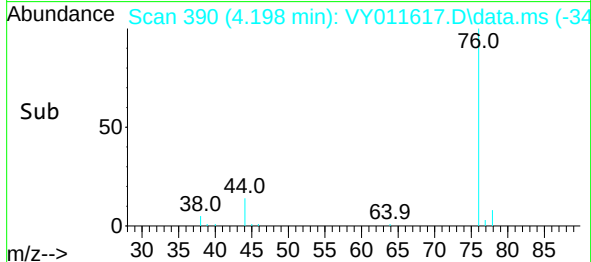
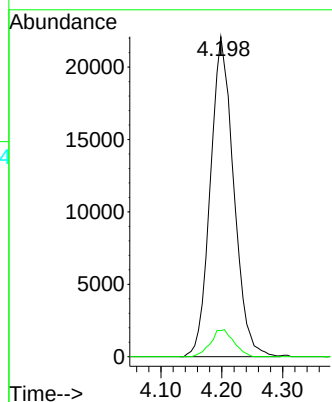
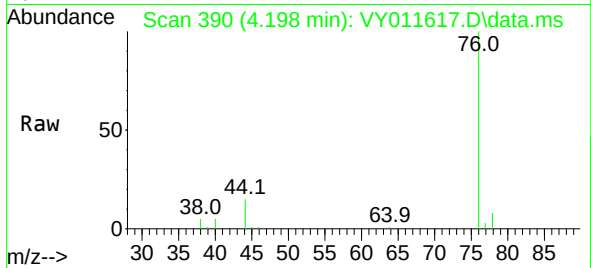




#17
Carbon Disulfide
Concen: 11.795 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011617.D
Acq: 29 Nov 2022 13:13

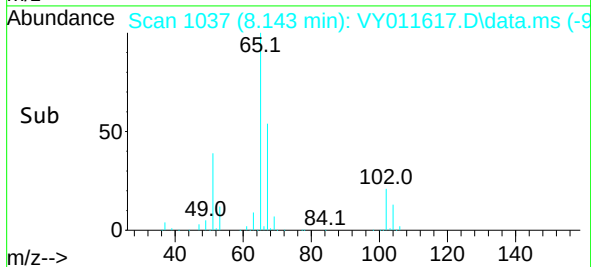
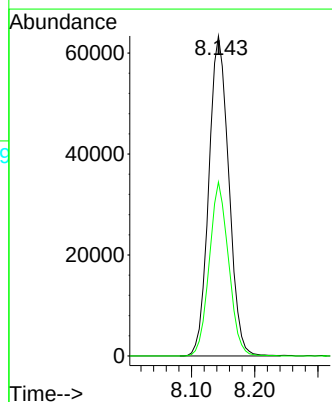
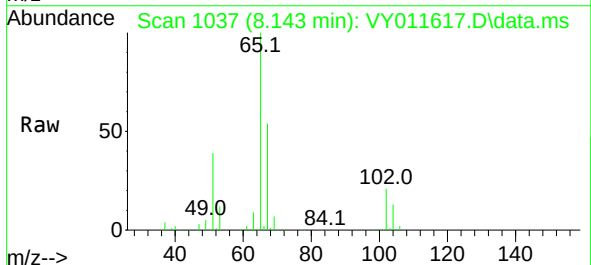
Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB02

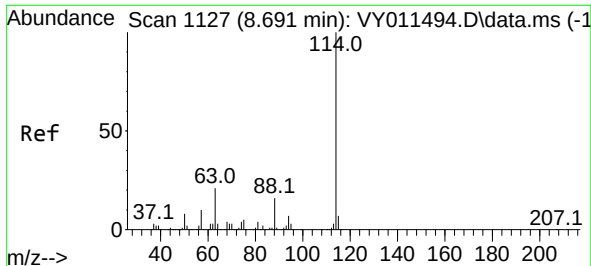
Tgt Ion: 76 Resp: 58917
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 66.768 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011617.D
Acq: 29 Nov 2022 13:13

Tgt Ion: 65 Resp: 139041
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011617.D

Acq: 29 Nov 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

B-40-SB02

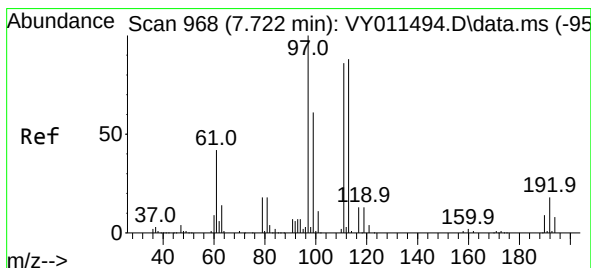
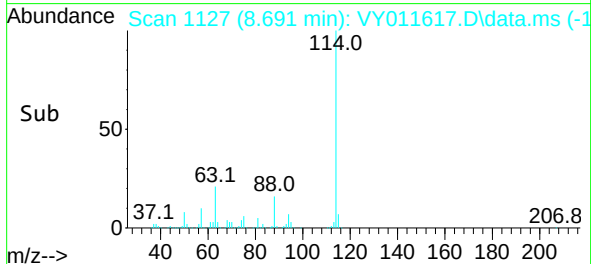
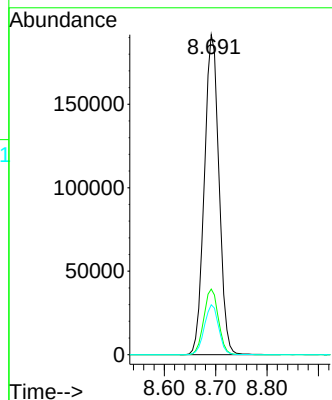
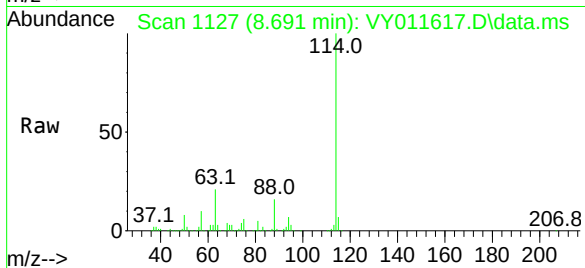
Tgt Ion:114 Resp: 379022

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.261 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011617.D

Acq: 29 Nov 2022 13:13

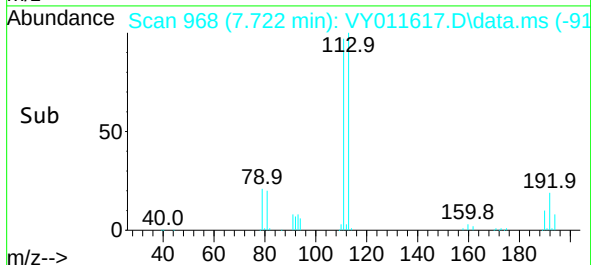
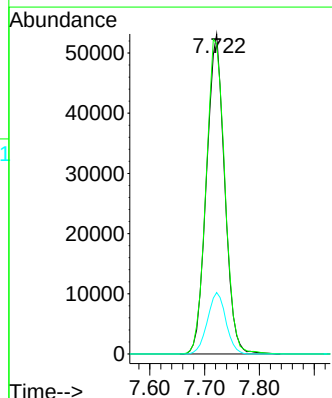
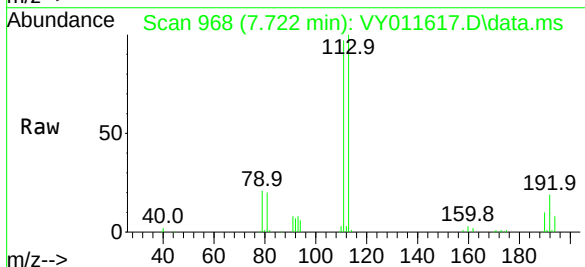
Tgt Ion:113 Resp: 121937

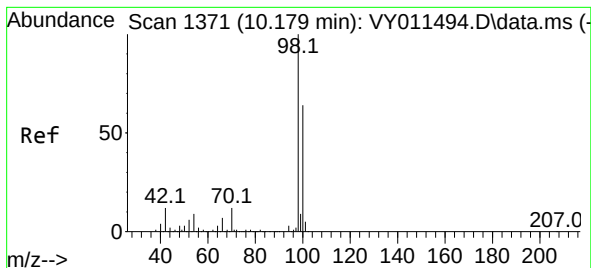
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 19.5 17.6 26.4

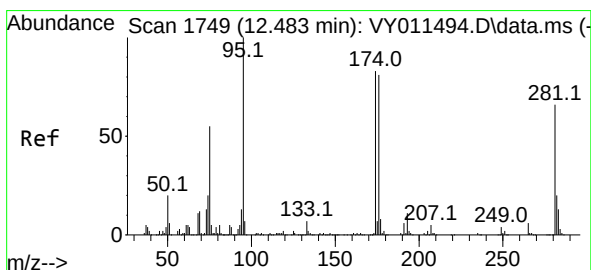
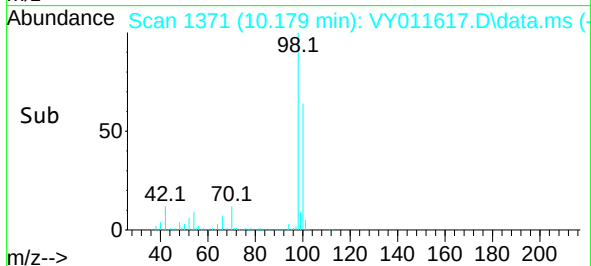
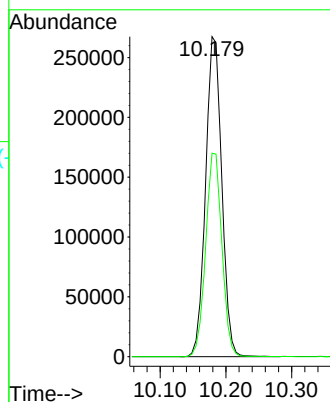
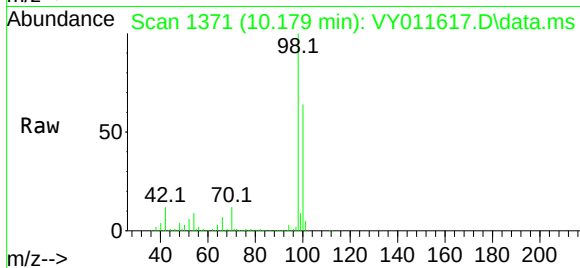




#50
Toluene-d8
Concen: 54.054 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011617.D
Acq: 29 Nov 2022 13:13

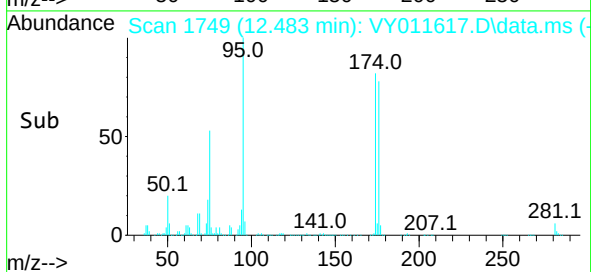
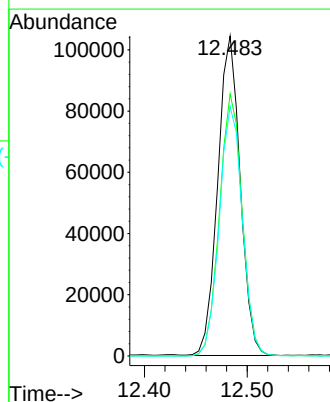
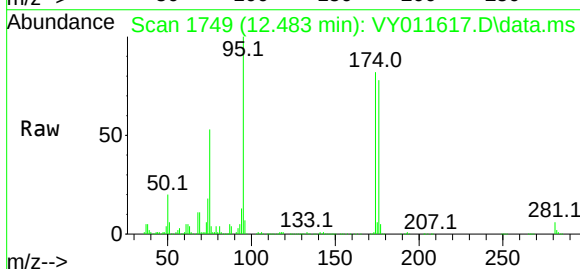
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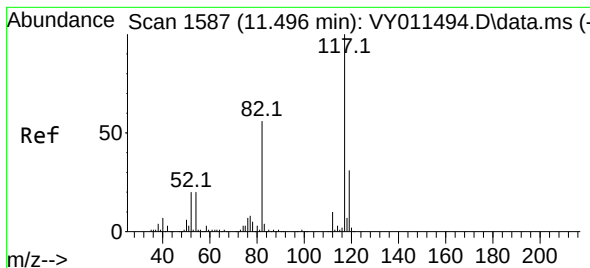
Tgt Ion: 98 Resp: 458310
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.326 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011617.D
Acq: 29 Nov 2022 13:13

Tgt Ion: 95 Resp: 157766
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 80.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011617.D

Acq: 29 Nov 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

B-40-SB02

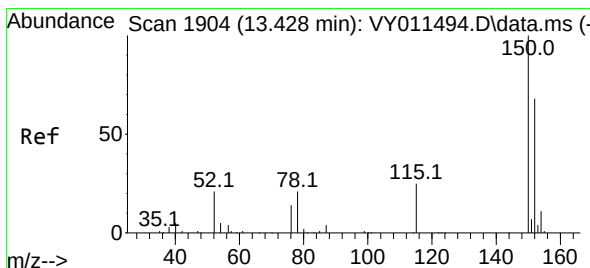
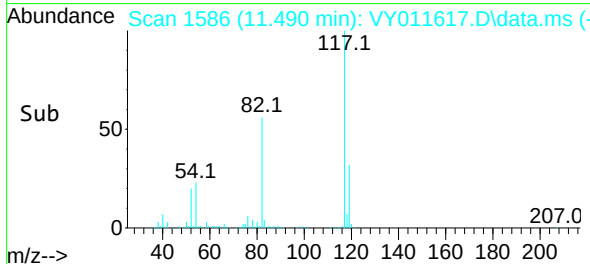
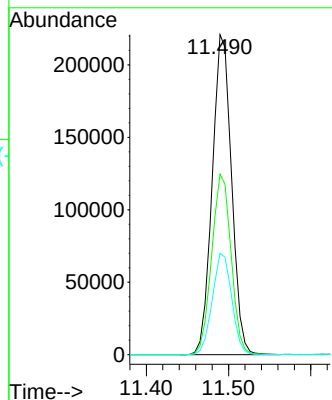
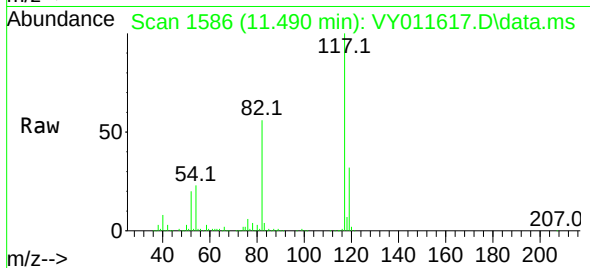
Tgt Ion:117 Resp: 360942

Ion Ratio Lower Upper

117 100

82 56.4 43.0 64.4

119 31.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011617.D

Acq: 29 Nov 2022 13:13

Tgt Ion:152 Resp: 156768

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 157.5 0.0 347.6

