

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017727.D
 Acq On : 20 Mar 2024 15:30
 Operator : SY/MD
 Sample : P1814-01
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Mar 21 03:15:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

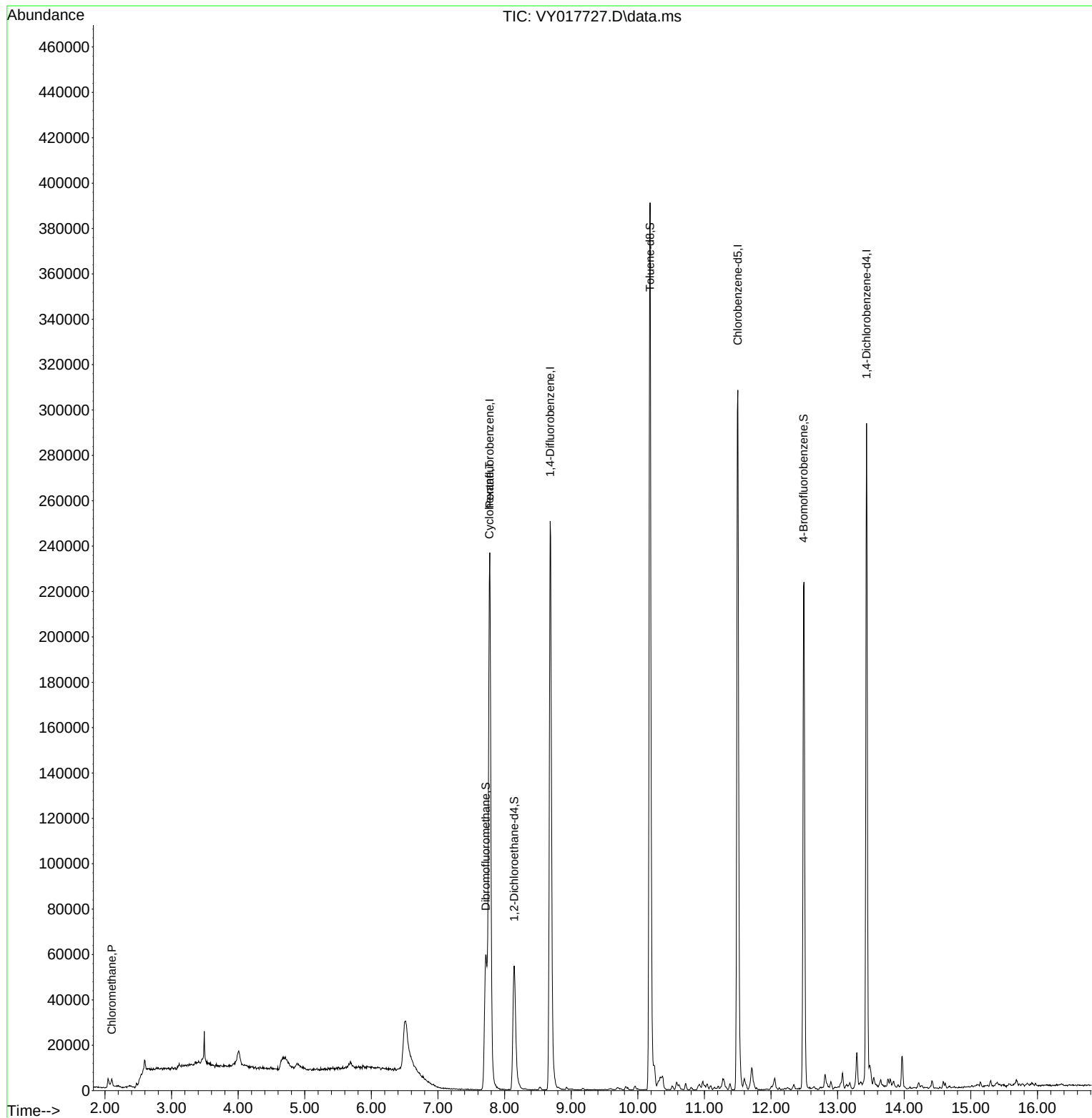
Internal Standards						
1) Pentafluorobenzene	7.777	168	192992	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.685	114	281709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	217177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55283	30.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	60.460%
35) Dibromofluoromethane	7.716	113	60139	30.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.280%
50) Toluene-d8	10.185	98	302915	44.134	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.260%
62) 4-Bromofluorobenzene	12.489	95	76138	35.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.600%
Target Compounds						
					Qvalue	
3) Chloromethane	2.101	50	3003	1.154	ug/l	96
31) Cyclohexane	7.771	56	18144	6.096	ug/l #	82

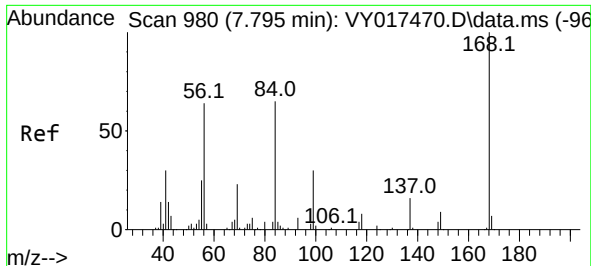
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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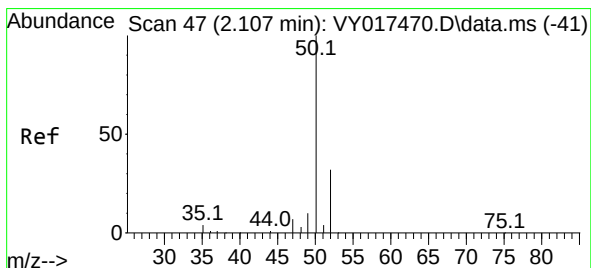
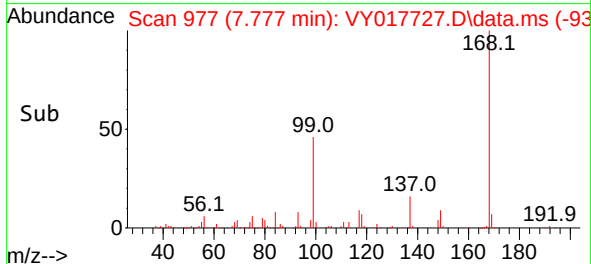
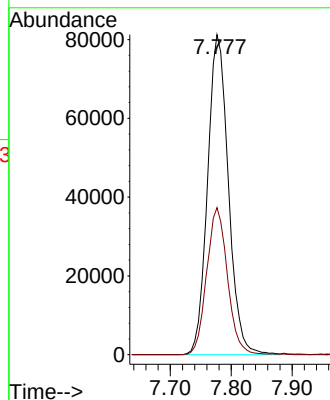
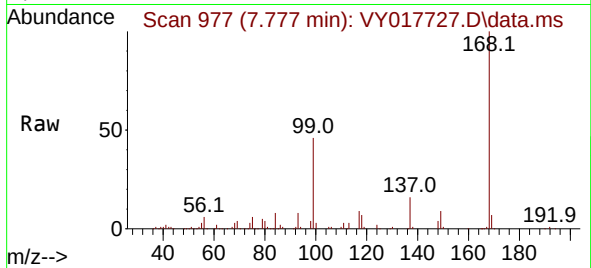




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017727.D
Acq: 20 Mar 2024 15:30

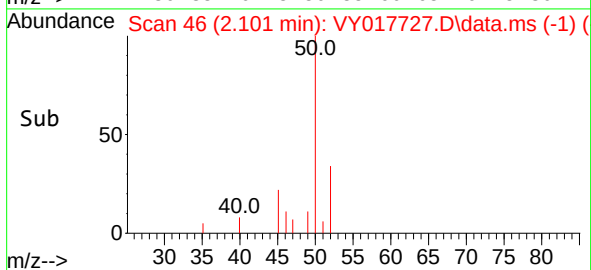
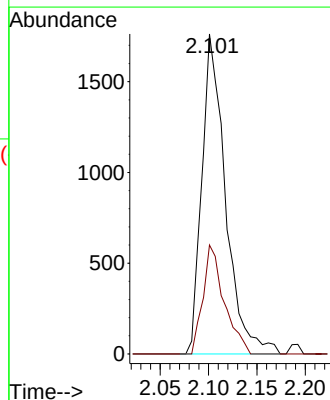
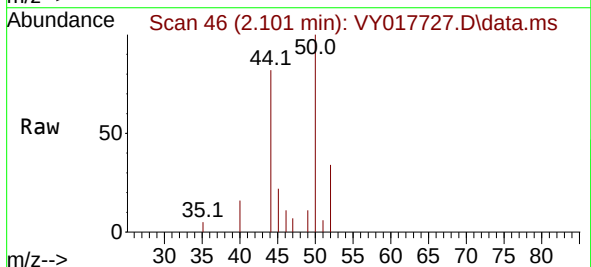
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

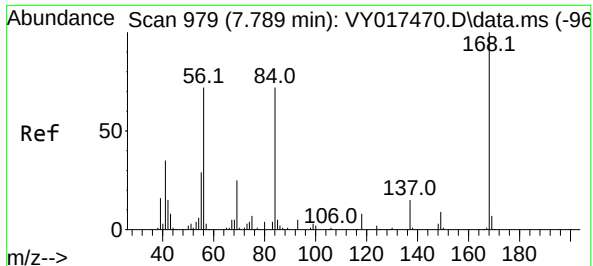
Tgt Ion:168 Resp: 192992
Ion Ratio Lower Upper
168 100
99 45.9 39.1 58.7



#3
Chloromethane
Concen: 1.154 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.006 min
Lab File: VY017727.D
Acq: 20 Mar 2024 15:30

Tgt Ion: 50 Resp: 3003
Ion Ratio Lower Upper
50 100
52 34.0 25.6 38.4

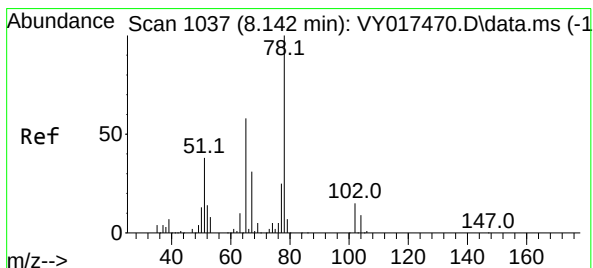
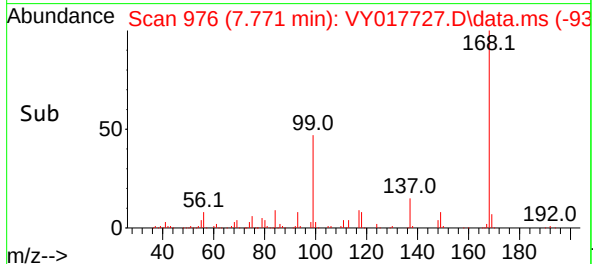
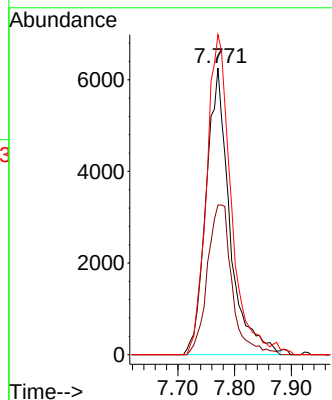
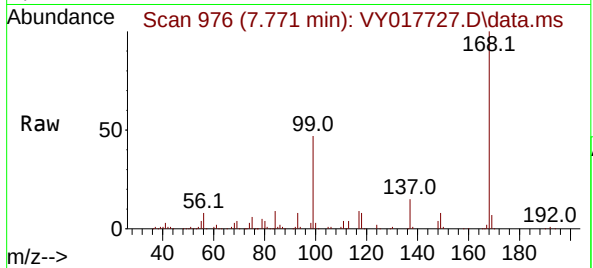




#31
Cyclohexane
Concen: 6.096 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017727.D
Acq: 20 Mar 2024 15:30

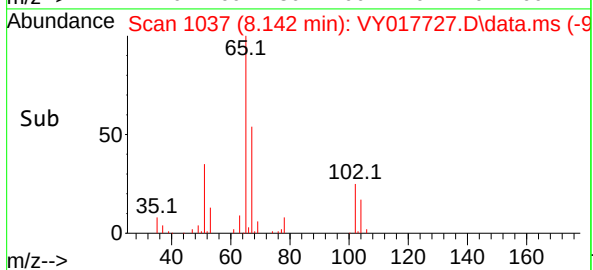
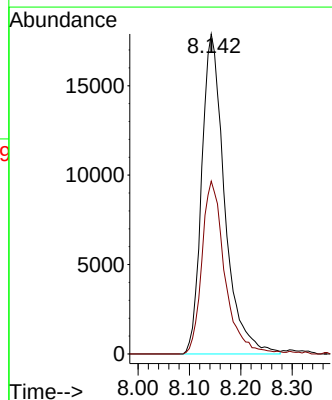
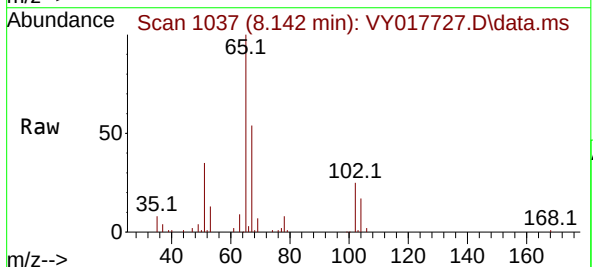
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

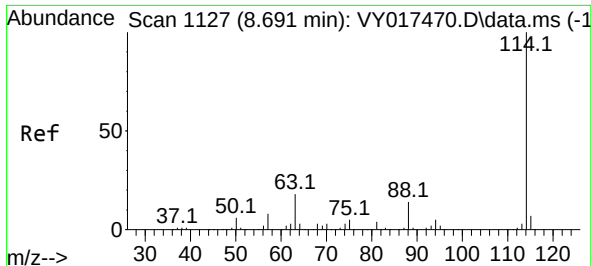
Tgt Ion: 56 Resp: 18144
Ion Ratio Lower Upper
56 100
69 52.2 28.7 43.1#
84 111.6 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 30.225 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017727.D
Acq: 20 Mar 2024 15:30

Tgt Ion: 65 Resp: 55283
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017727.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

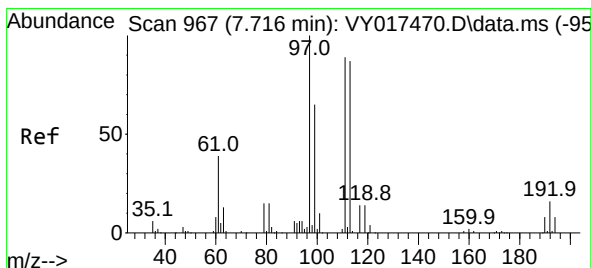
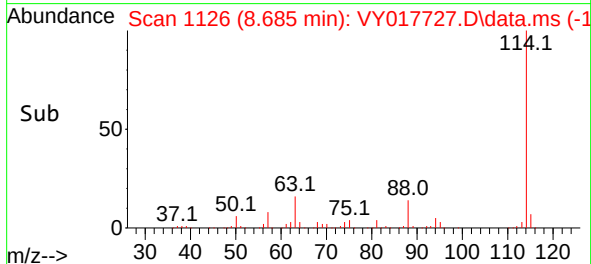
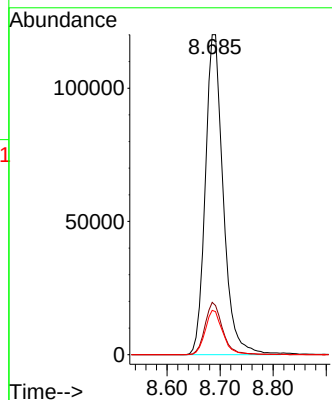
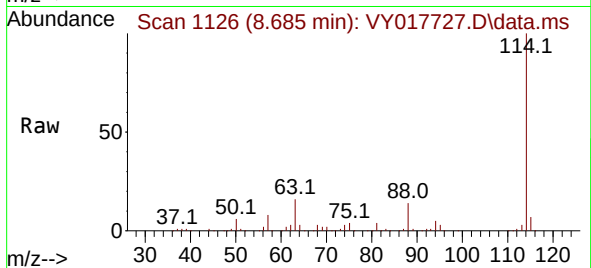
Tgt Ion:114 Resp: 281709

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 30.636 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017727.D

Acq: 20 Mar 2024 15:30

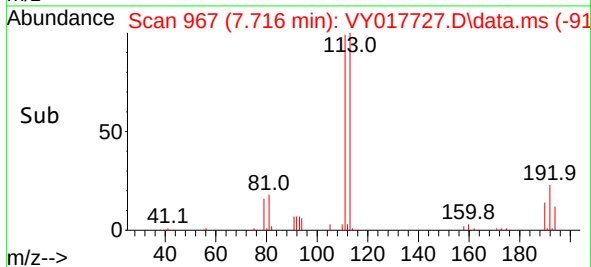
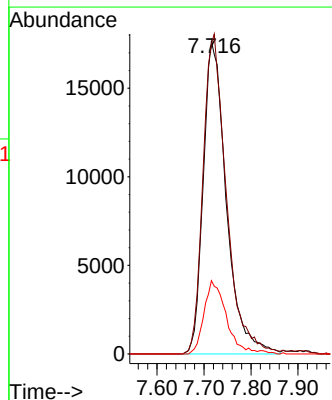
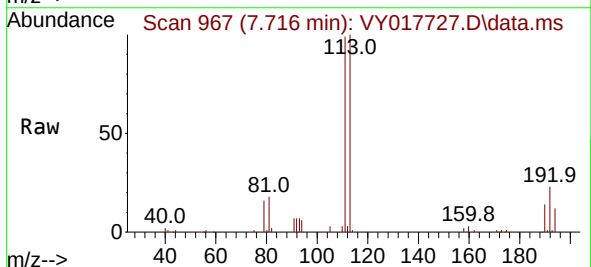
Tgt Ion:113 Resp: 60139

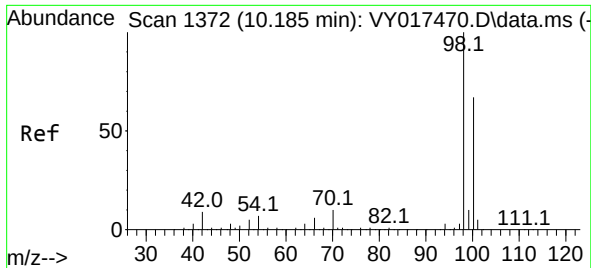
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 22.4 15.9 23.9

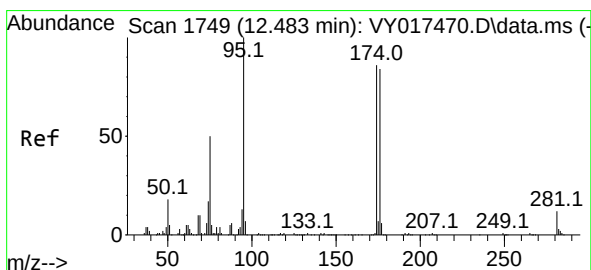
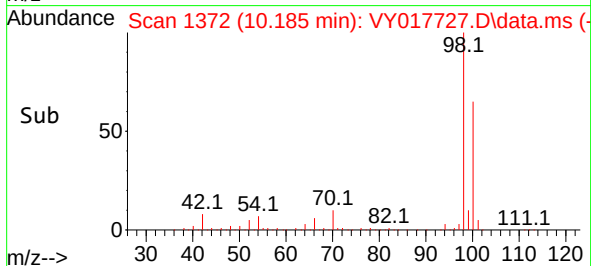
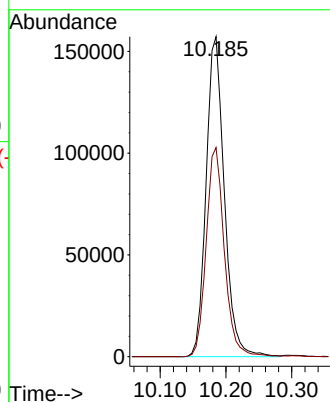
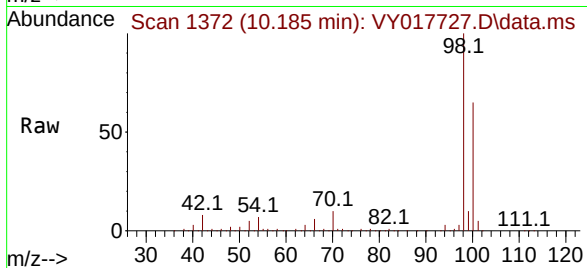




#50
Toluene-d8
Concen: 44.134 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017727.D
Acq: 20 Mar 2024 15:30

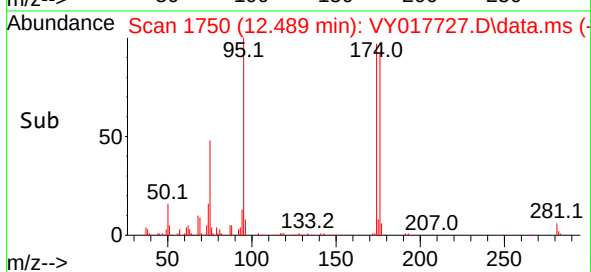
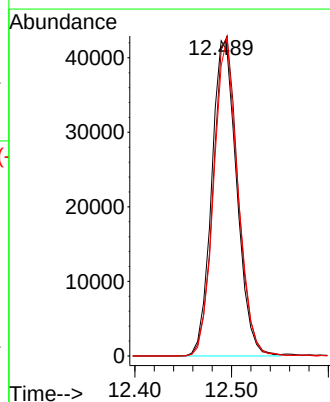
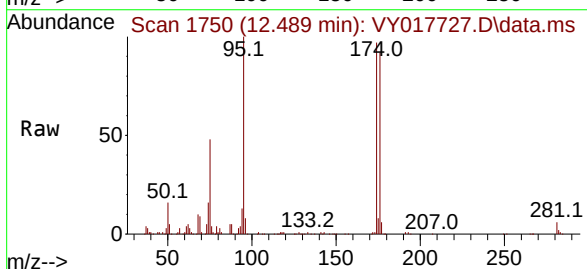
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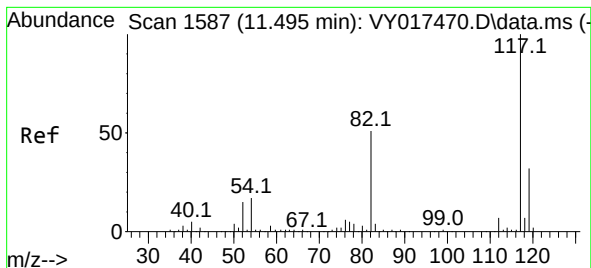
Tgt Ion: 98 Resp: 302915
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.298 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017727.D
Acq: 20 Mar 2024 15:30

Tgt Ion: 95 Resp: 76138
Ion Ratio Lower Upper
95 100
174 99.6 0.0 175.6
176 96.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017727.D

Acq: 20 Mar 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

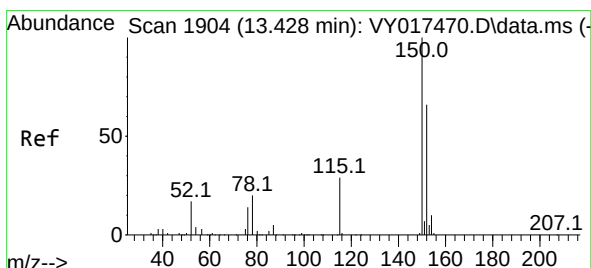
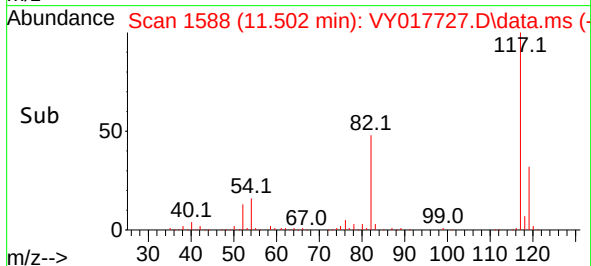
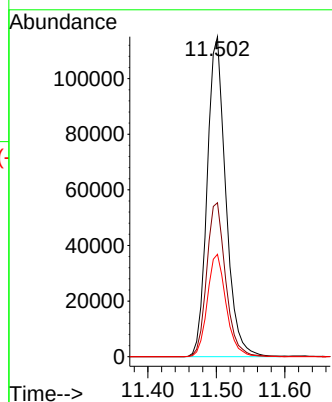
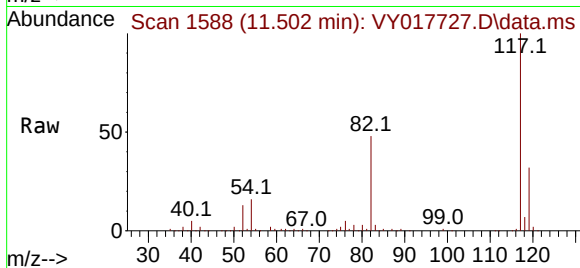
Tgt Ion:117 Resp: 217177

Ion Ratio Lower Upper

117 100

82 48.1 42.4 63.6

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017727.D

Acq: 20 Mar 2024 15:30

Tgt Ion:152 Resp: 86025

Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 155.5 0.0 345.6

