

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016710.D
 Acq On : 19 Dec 2023 22:00
 Operator : SY/MD
 Sample : 05827-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-DUP01-121223

Quant Time: Dec 20 06:40:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

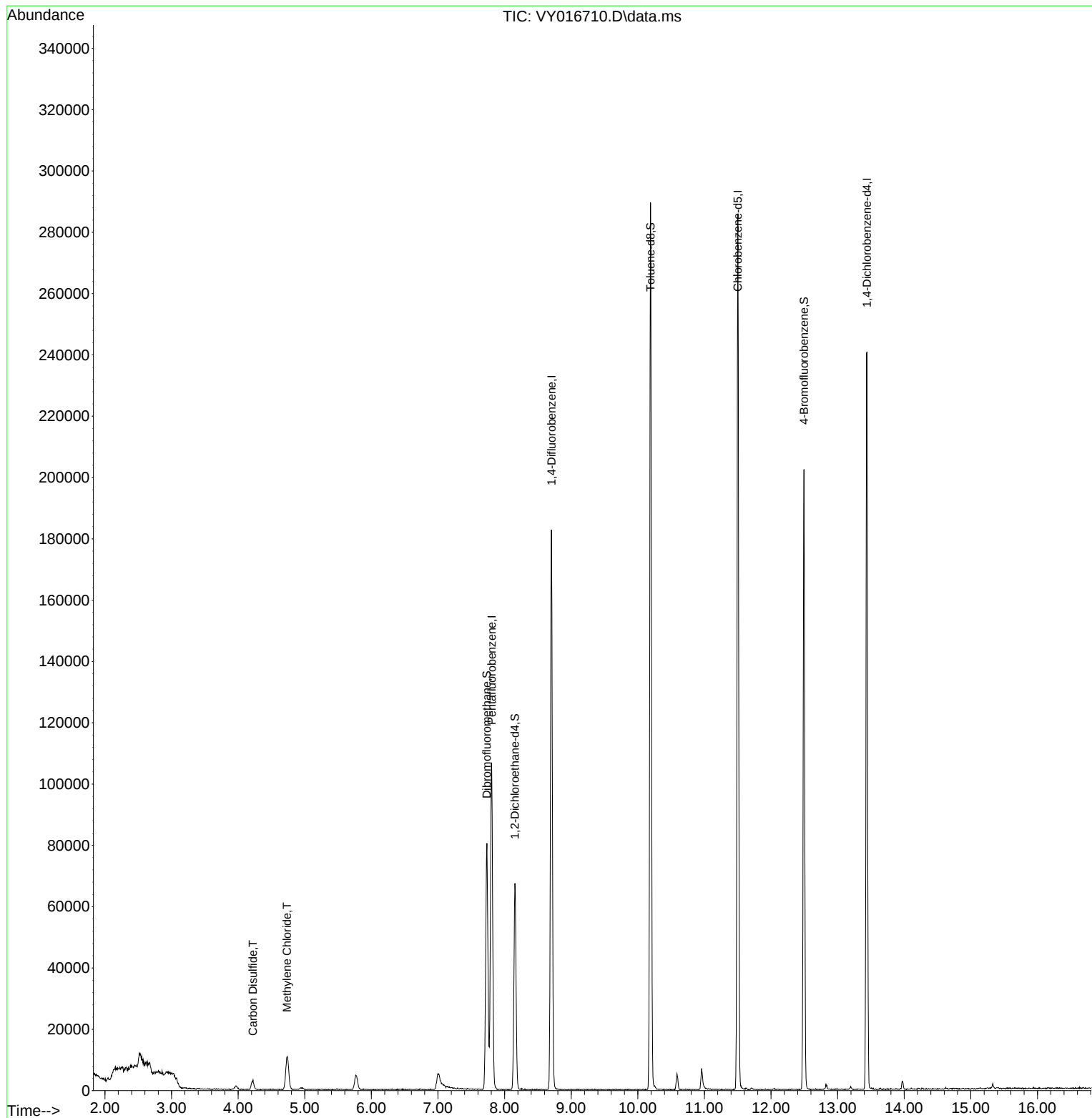
Internal Standards						
1) Pentafluorobenzene	7.807	168	88861	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	158514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	155344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	64816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	52416	71.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.620%	
35) Dibromofluoromethane	7.734	113	55077	58.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.980%	
50) Toluene-d8	10.191	98	190551	56.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.720%	
62) 4-Bromofluorobenzene	12.495	95	53066	55.200	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.400%	
Target Compounds						
						Qvalue
17) Carbon Disulfide	4.222	76	4671	2.358	ug/l	# 94
20) Methylene Chloride	4.734	84	8538	6.138	ug/l	90

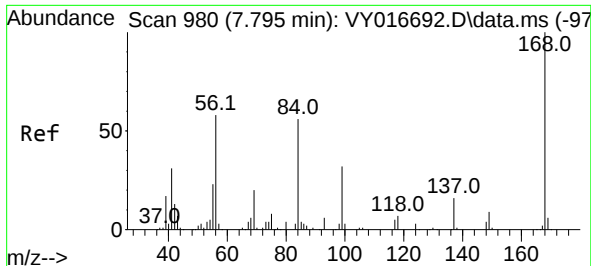
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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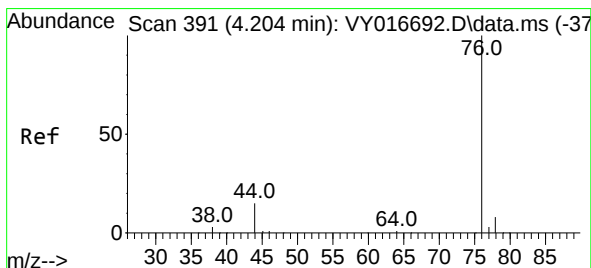
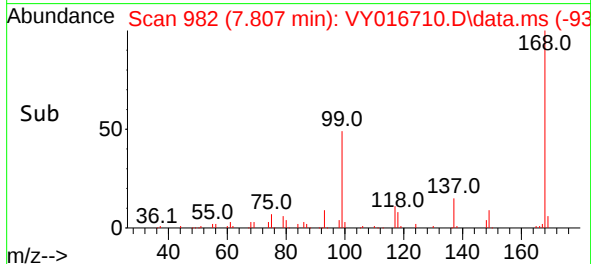
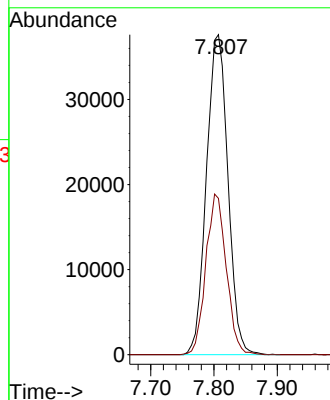
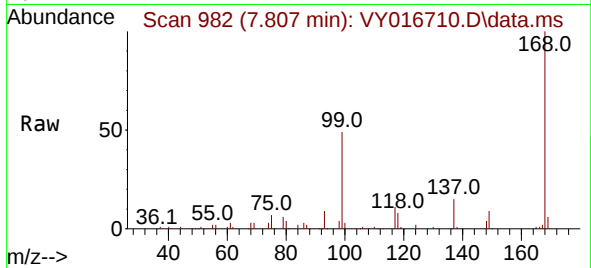




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

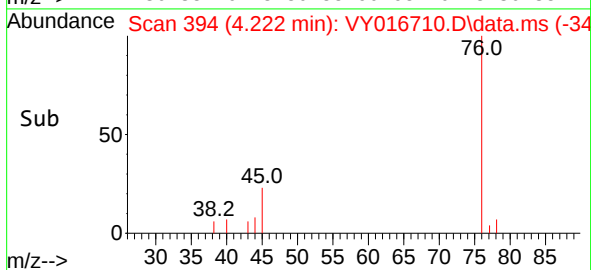
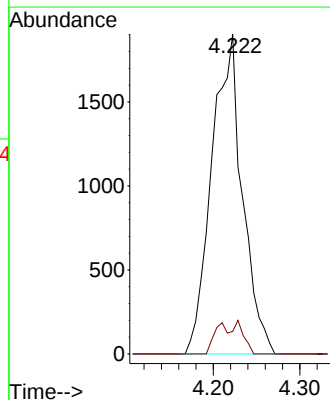
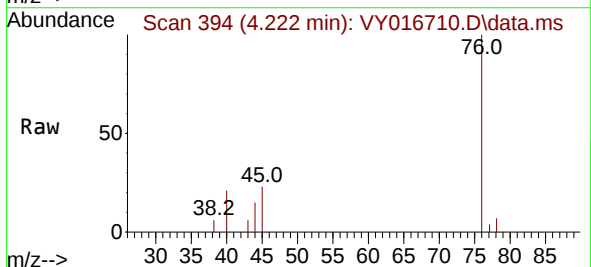
Instrument :
MSVOA_Y
ClientSampleId :
RT-DUP01-121223

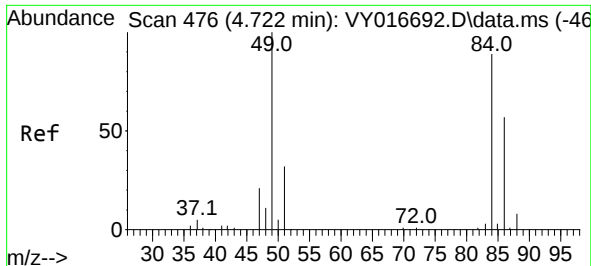
Tgt Ion:168 Resp: 88861
Ion Ratio Lower Upper
168 100
99 48.8 40.2 60.4



#17
Carbon Disulfide
Concen: 2.358 ug/l
RT: 4.222 min Scan# 394
Delta R.T. 0.018 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

Tgt Ion: 76 Resp: 4671
Ion Ratio Lower Upper
76 100
78 7.0 7.3 10.9#

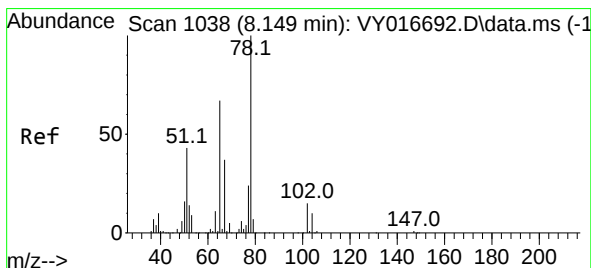
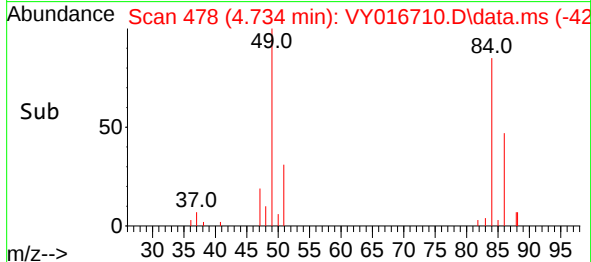
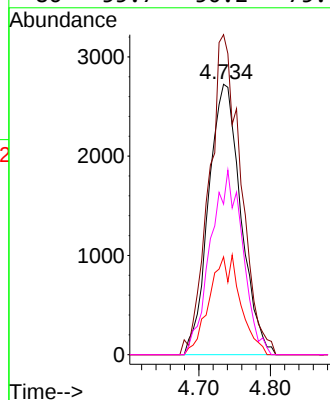
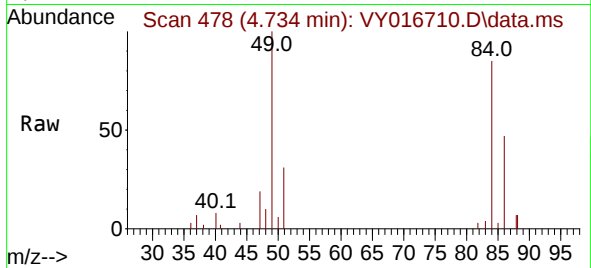




#20
Methylene Chloride
Concen: 6.138 ug/l
RT: 4.734 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

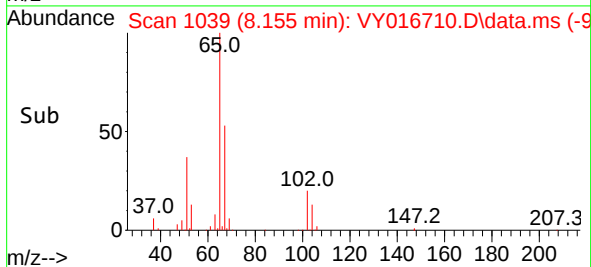
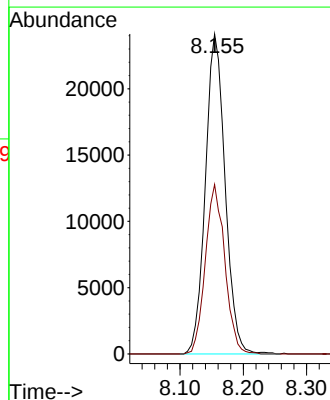
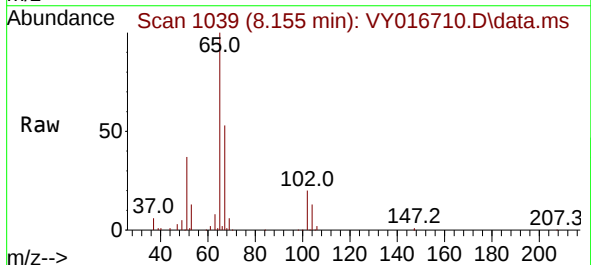
Instrument :
MSVOA_Y
ClientSampleId :
RT-DUP01-121223

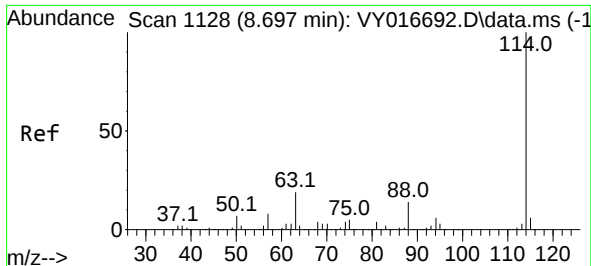
Tgt Ion:	84	Resp:	8538
Ion	Ratio	Lower	Upper
84	100		
49	118.3	83.8	125.8
51	36.1	27.2	40.8
86	55.7	50.2	75.4



#33
1,2-Dichloroethane-d4
Concen: 71.314 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016710.D
Acq: 19 Dec 2023 22:00

Tgt Ion:	65	Resp:	52416
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016710.D

Acq: 19 Dec 2023 22:00

Instrument :

MSVOA_Y

ClientSampleId :

RT-DUP01-121223

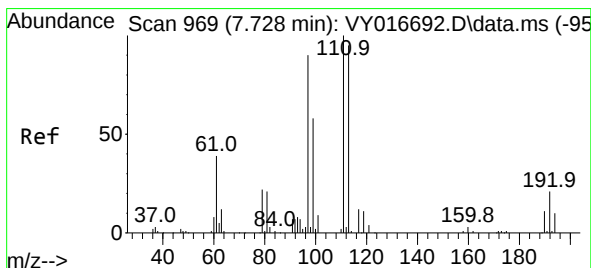
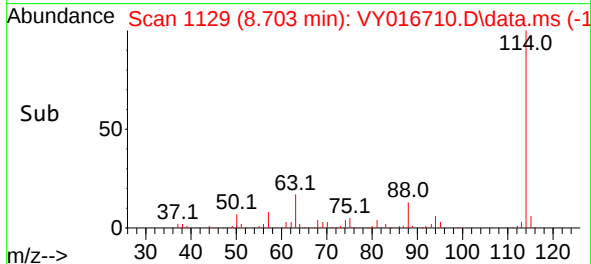
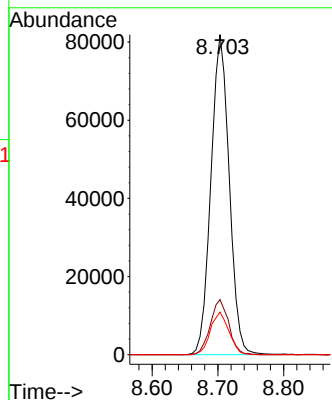
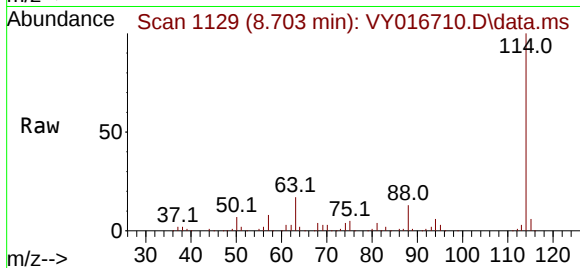
Tgt Ion:114 Resp: 158514

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.0

88 13.3 0.0 29.2



#35

Dibromofluoromethane

Concen: 58.995 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016710.D

Acq: 19 Dec 2023 22:00

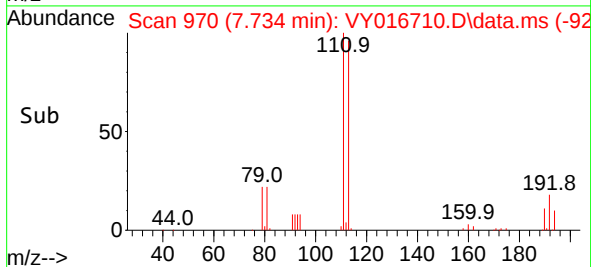
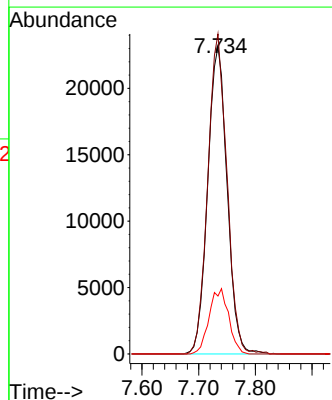
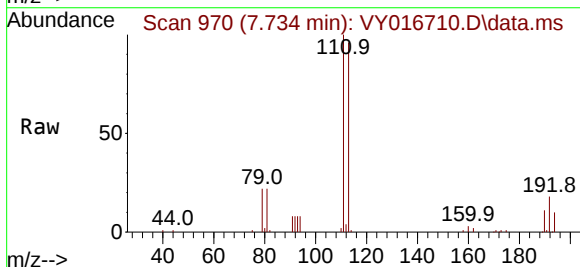
Tgt Ion:113 Resp: 55077

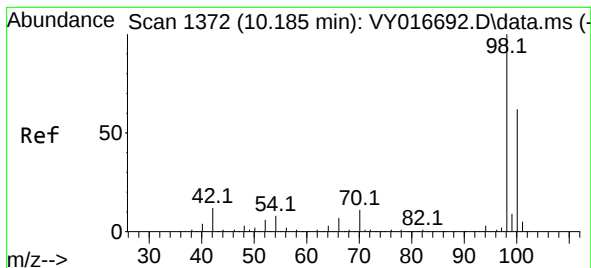
Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 21.4 16.2 24.4





#50

Toluene-d8

Concen: 56.358 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016710.D

Acq: 19 Dec 2023 22:00

Instrument :

MSVOA_Y

ClientSampleId :

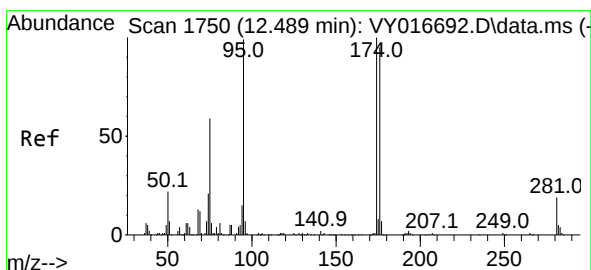
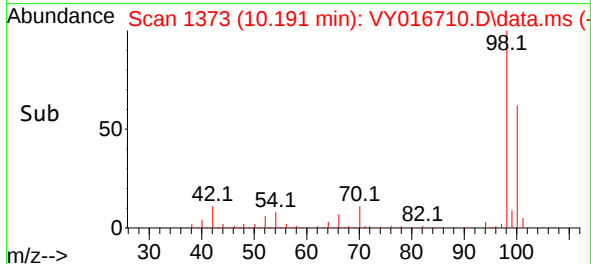
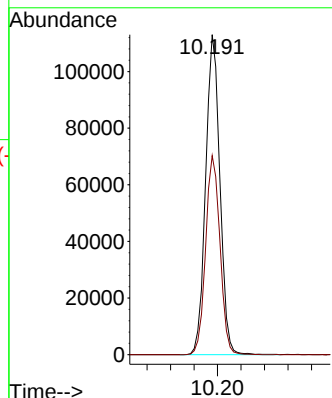
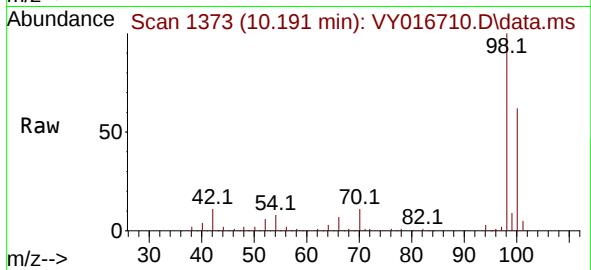
RT-DUP01-121223

Tgt Ion: 98 Resp: 190551

Ion Ratio Lower Upper

98 100

100 62.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 55.200 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016710.D

Acq: 19 Dec 2023 22:00

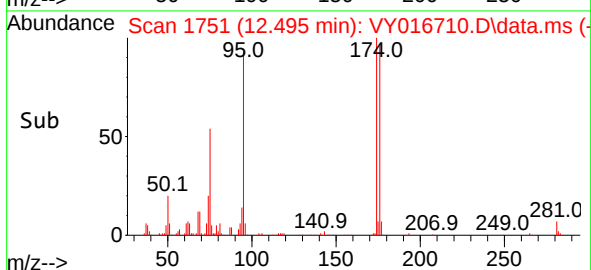
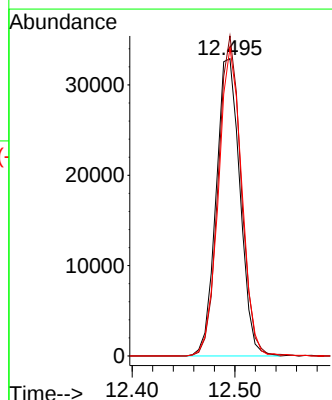
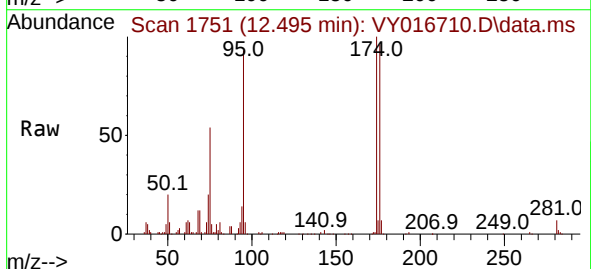
Tgt Ion: 95 Resp: 53066

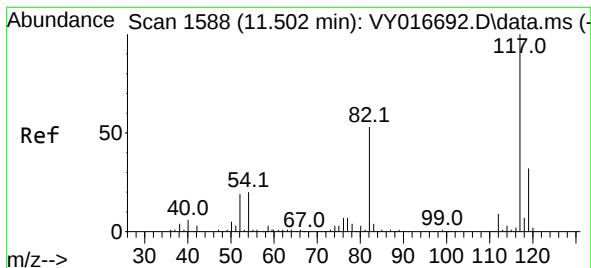
Ion Ratio Lower Upper

95 100

174 103.2 0.0 181.0

176 100.9 0.0 176.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016710.D

Acq: 19 Dec 2023 22:00

Instrument :

MSVOA_Y

ClientSampleId :

RT-DUP01-121223

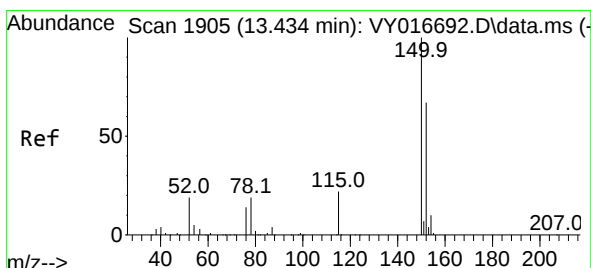
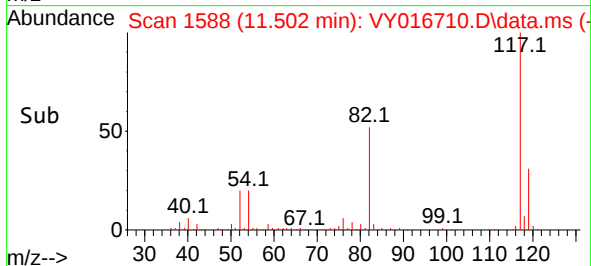
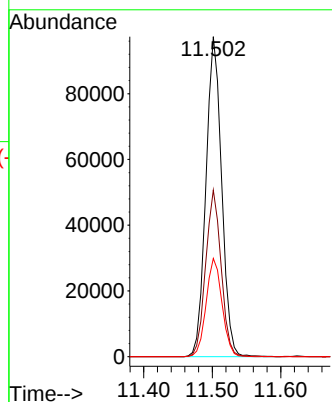
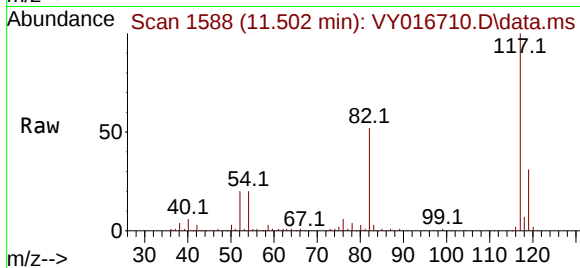
Tgt Ion:117 Resp: 155344

Ion Ratio Lower Upper

117 100

82 52.1 41.0 61.6

119 30.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016710.D

Acq: 19 Dec 2023 22:00

Tgt Ion:152 Resp: 64816

Ion Ratio Lower Upper

152 100

115 52.6 28.2 84.7

150 155.4 0.0 350.6

