

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017575.D
 Acq On : 05 Mar 2024 16:42
 Operator : SY/MD
 Sample : P1682-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-03052024

Quant Time: Mar 05 22:06:26 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)

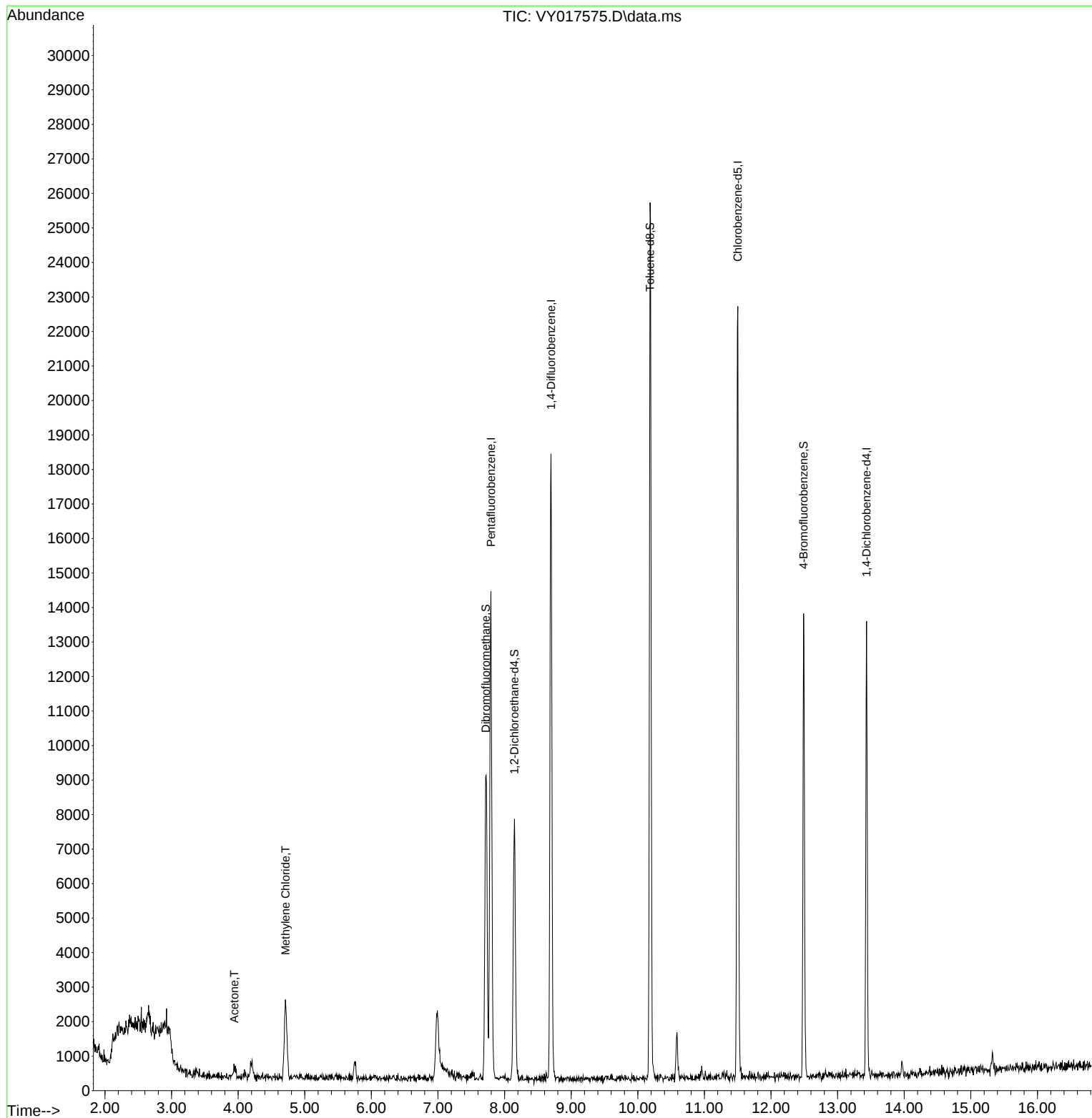
Internal Standards						
1) Pentafluorobenzene	7.795	168	11586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	17261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	14296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	3951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	5959	54.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.540%	
35) Dibromofluoromethane	7.716	113	6723	55.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.780%	
50) Toluene-d8	10.185	98	18789	44.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.360%	
62) 4-Bromofluorobenzene	12.489	95	3981	30.121	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 60.240%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	532	24.979	ug/l #	70
20) Methylene Chloride	4.710	84	1806	10.057	ug/l #	83

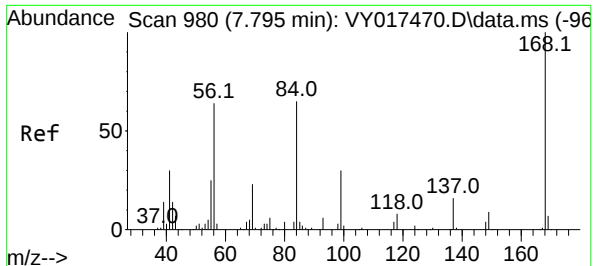
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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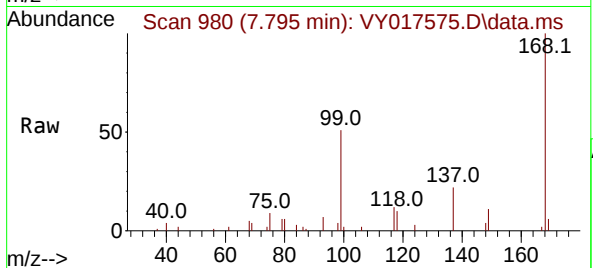
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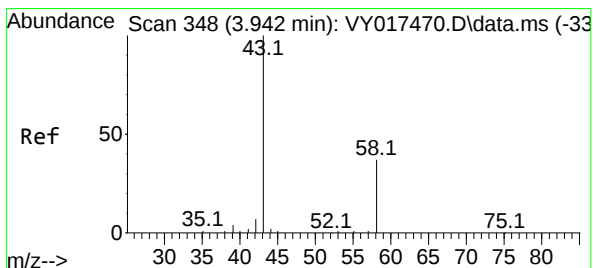
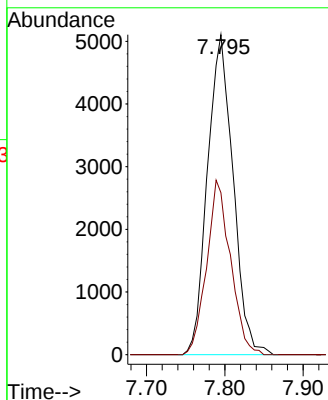
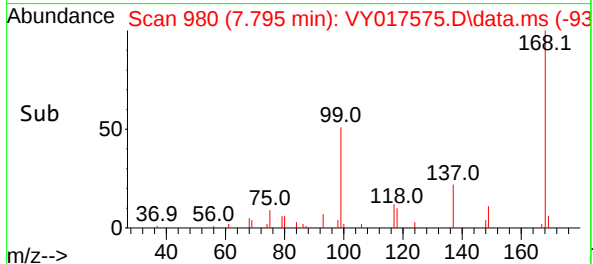


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024

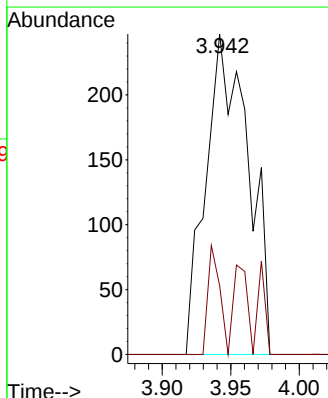
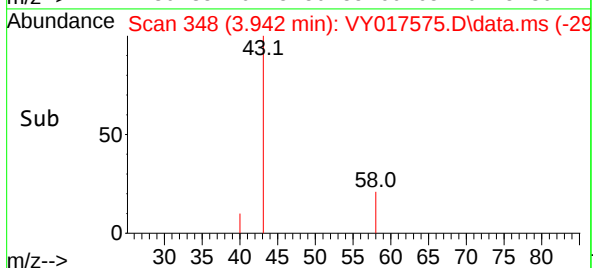
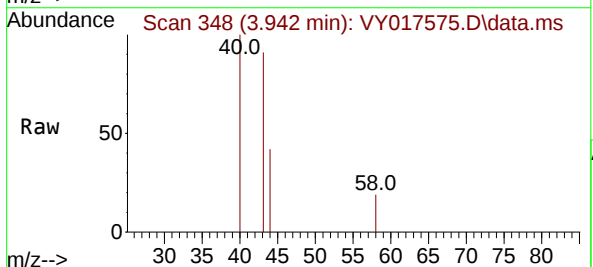


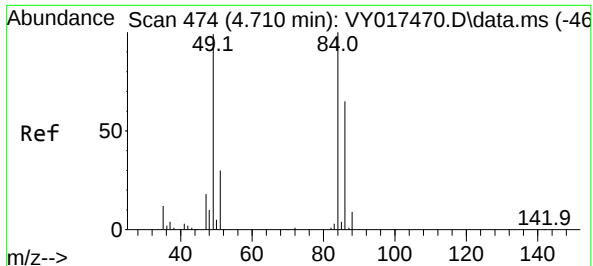
Tgt Ion:168 Resp: 11586
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#16
Acetone
Concen: 24.979 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

Tgt Ion: 43 Resp: 532
Ion Ratio Lower Upper
43 100
58 21.5 31.7 47.5#

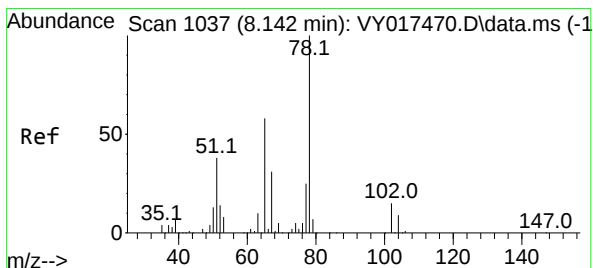
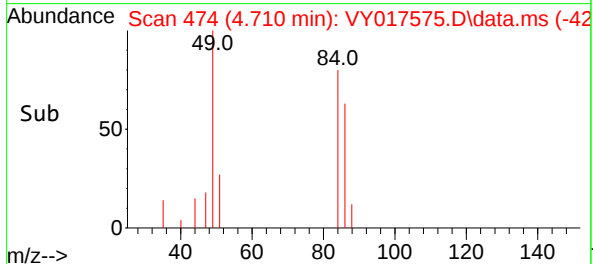
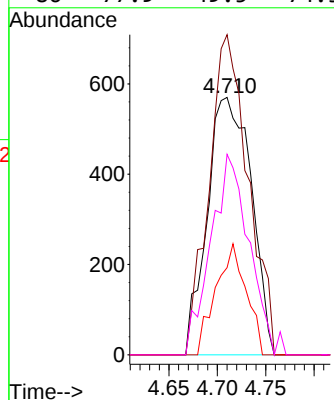
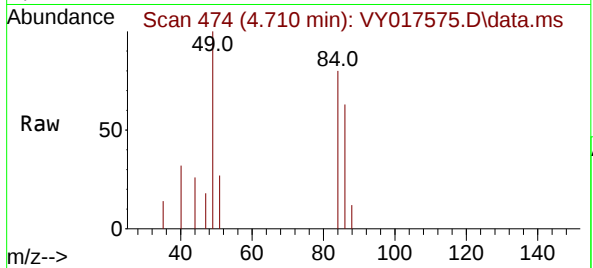




#20
Methylene Chloride
Concen: 10.057 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

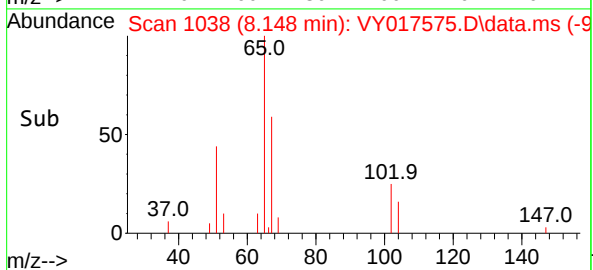
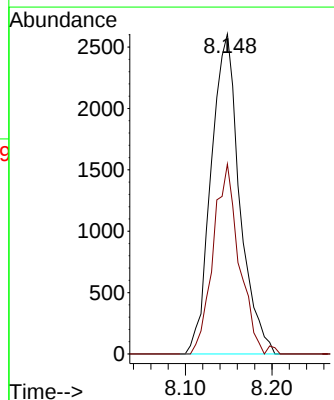
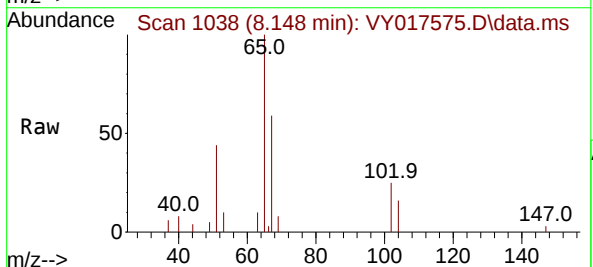
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024

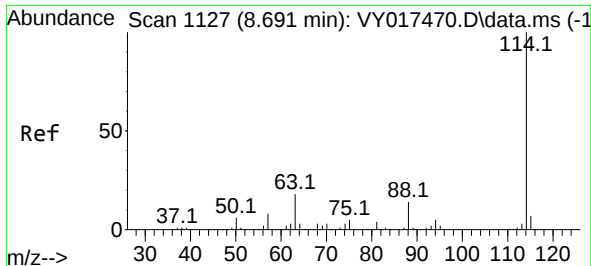
Tgt Ion:	84	Resp:	1806
Ion	Ratio	Lower	Upper
84	100		
49	124.4	84.4	126.6
51	33.9	26.0	39.0
86	77.9	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 54.269 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

Tgt Ion:	65	Resp:	5959
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017575.D

Acq: 05 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-03052024

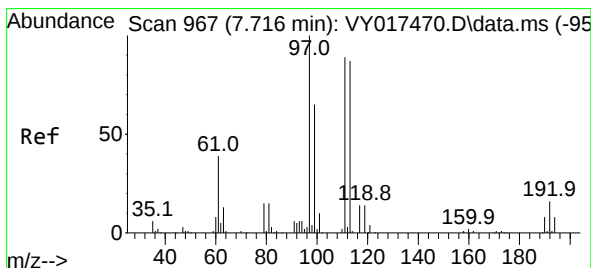
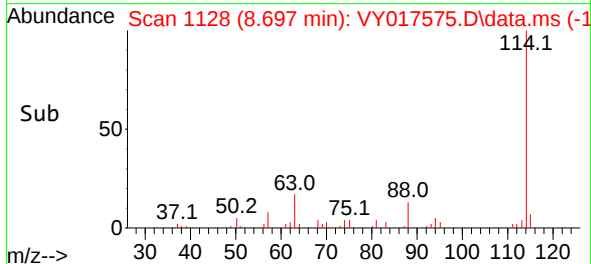
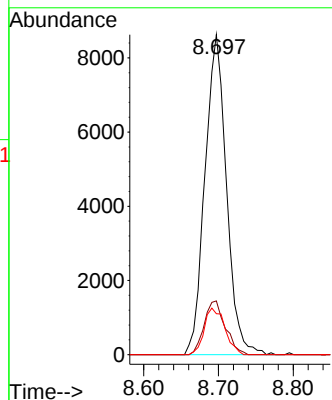
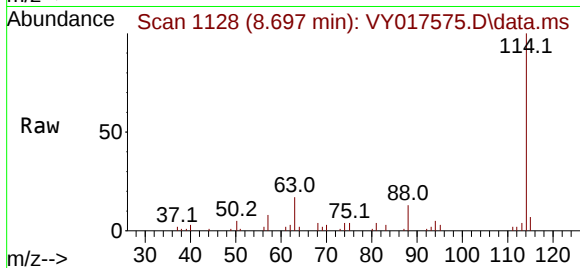
Tgt Ion:114 Resp: 17261

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 12.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.895 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY017575.D

Acq: 05 Mar 2024 16:42

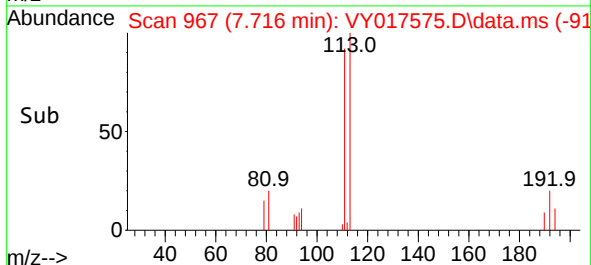
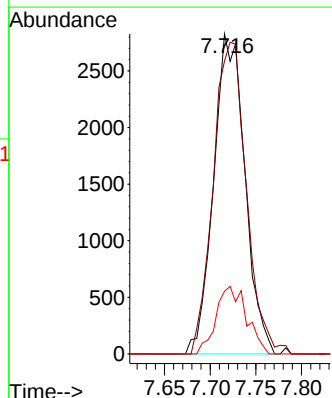
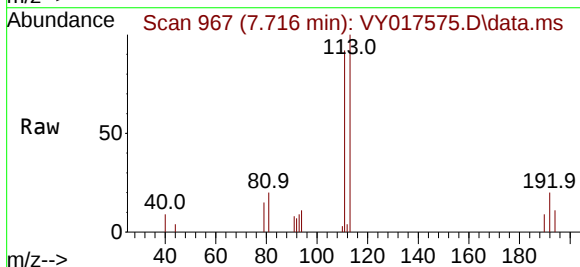
Tgt Ion:113 Resp: 6723

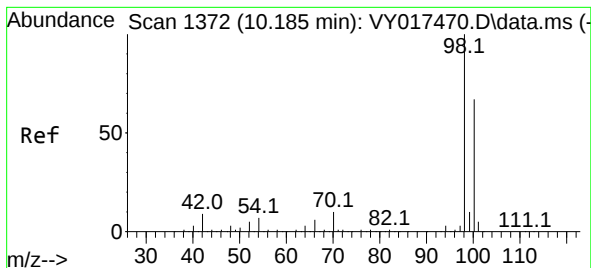
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 20.6 15.9 23.9





#50

Toluene-d8

Concen: 44.678 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017575.D

Acq: 05 Mar 2024 16:42

Instrument :

MSVOA_Y

ClientSampleId :

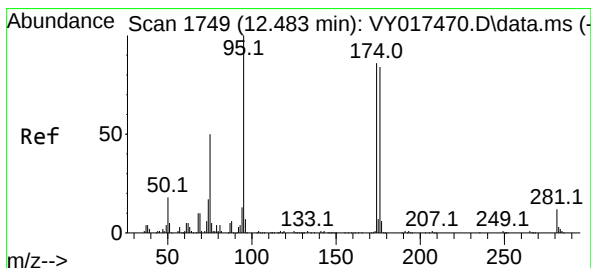
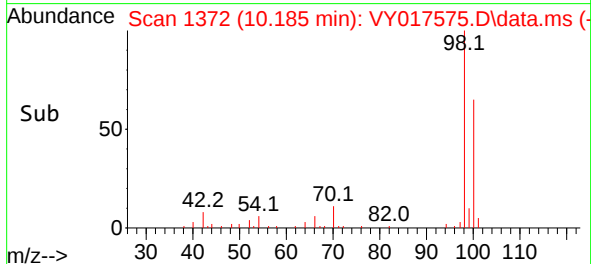
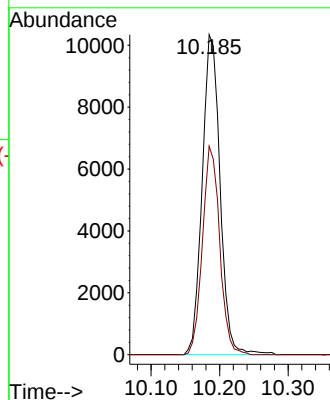
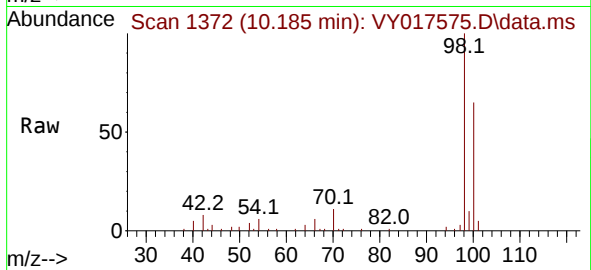
HR-04-03052024

Tgt Ion: 98 Resp: 18789

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 30.121 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017575.D

Acq: 05 Mar 2024 16:42

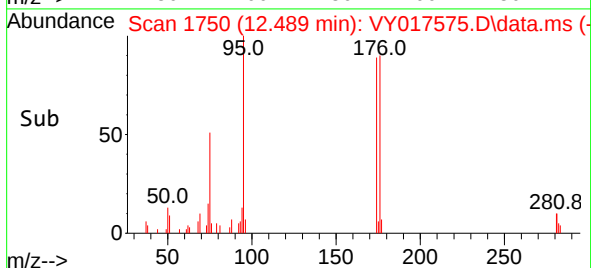
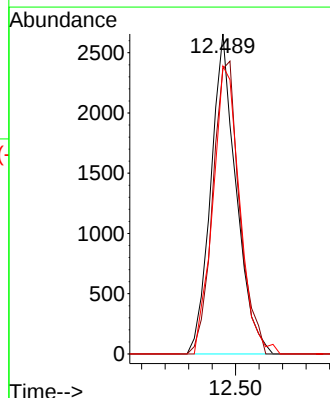
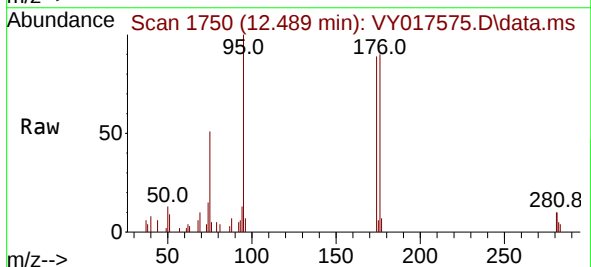
Tgt Ion: 95 Resp: 3981

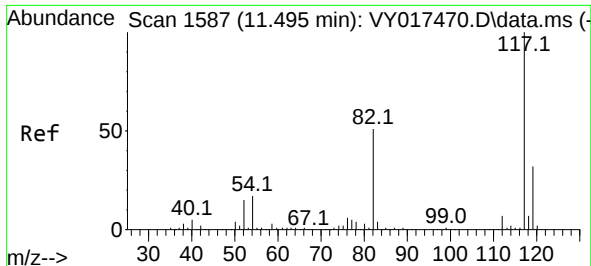
Ion Ratio Lower Upper

95 100

174 96.2 0.0 175.6

176 95.2 0.0 171.4

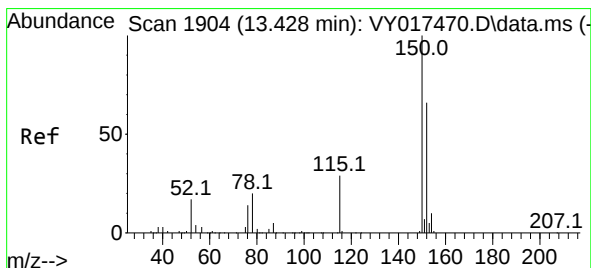
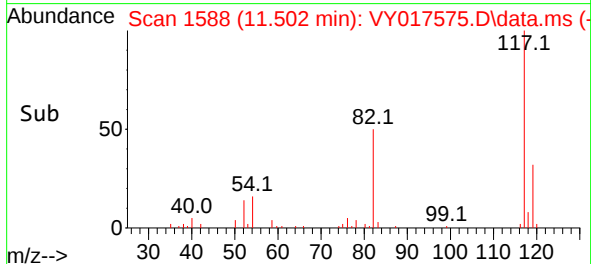
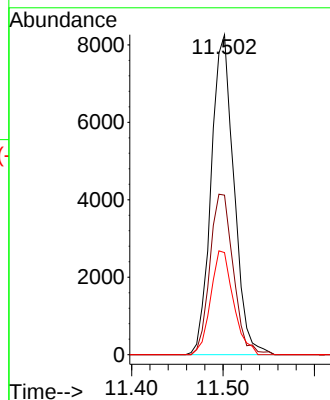
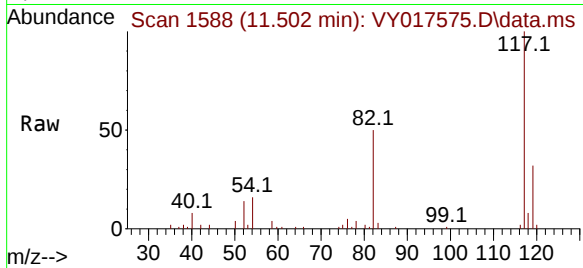




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017575.D
Acq: 05 Mar 2024 16:42

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024

Tgt Ion:117	Resp:	14296
Ion	Ratio	Lower Upper
117	100	
82	49.9	42.4 63.6
119	31.9	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: VY017575.D
Acq: 05 Mar 2024 16:42

Tgt Ion:152	Resp:	3951
Ion	Ratio	Lower Upper
152	100	
115	55.9	28.2 84.7
150	155.9	0.0 345.6

