

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017258.D
 Acq On : 06 Feb 2024 12:41
 Operator : SY/MD
 Sample : P1334-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-020124

Quant Time: Feb 06 15:43:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

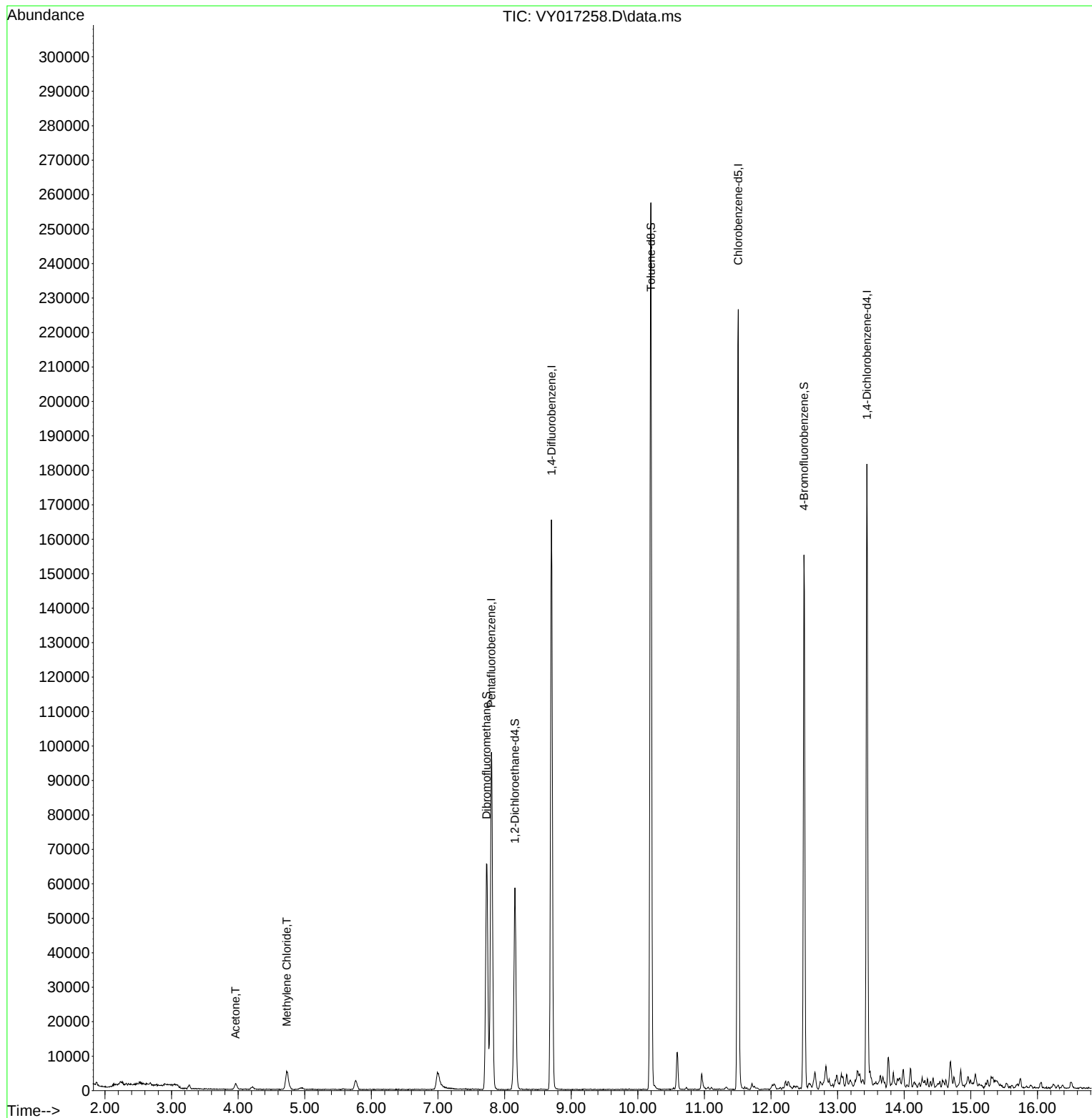
Internal Standards						
1) Pentafluorobenzene	7.801	168	76395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	141394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	124808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	44930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	43175	63.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.520%	
35) Dibromofluoromethane	7.728	113	47331	61.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.000%	
50) Toluene-d8	10.197	98	166630	59.947	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.900%	
62) 4-Bromofluorobenzene	12.495	95	45964	50.479	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.960%	
Target Compounds						Qvalue
16) Acetone	3.960	43	2956	14.737	ug/l	93
20) Methylene Chloride	4.728	84	4098	1.597	ug/l	93

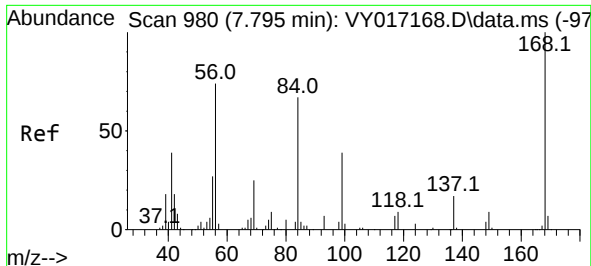
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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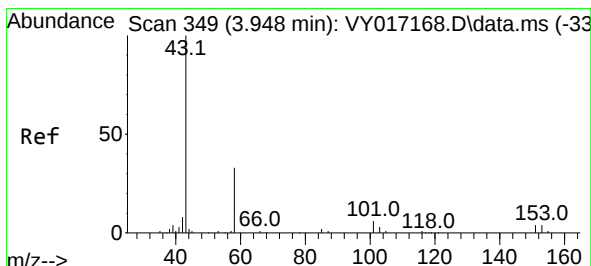
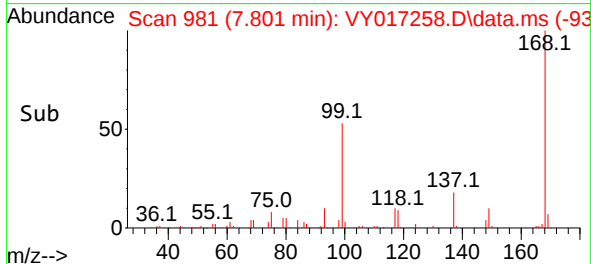
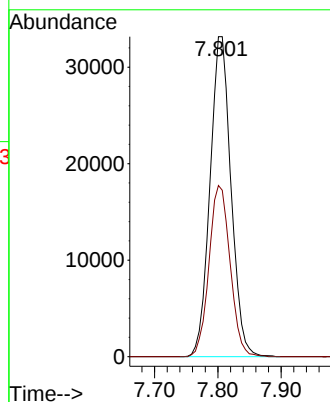
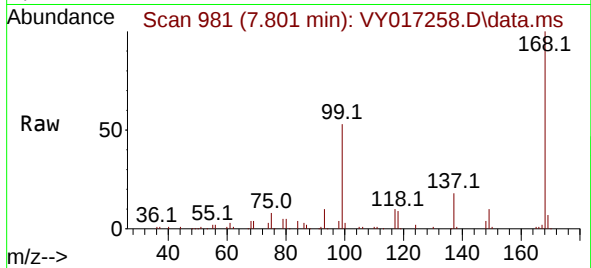




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017258.D
Acq: 06 Feb 2024 12:41

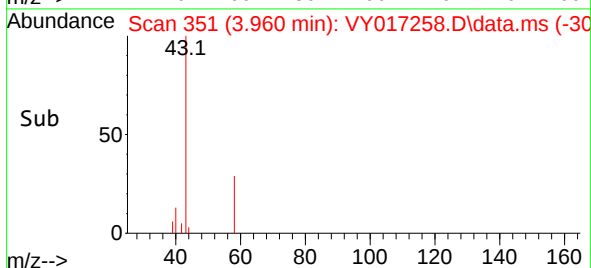
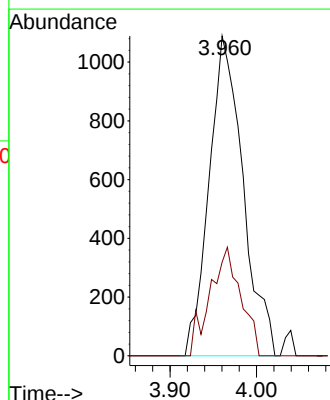
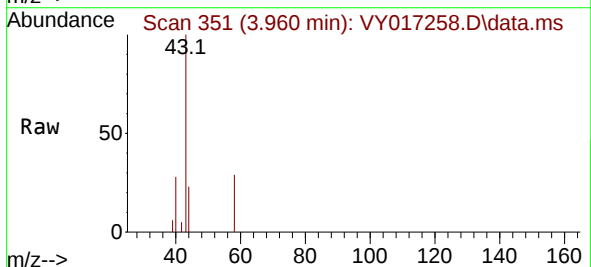
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-020124

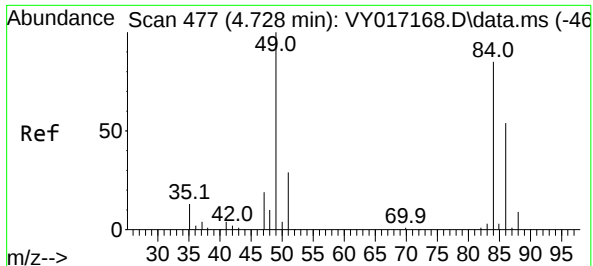
Tgt Ion:168 Resp: 76395
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4



#16
Acetone
Concen: 14.737 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY017258.D
Acq: 06 Feb 2024 12:41

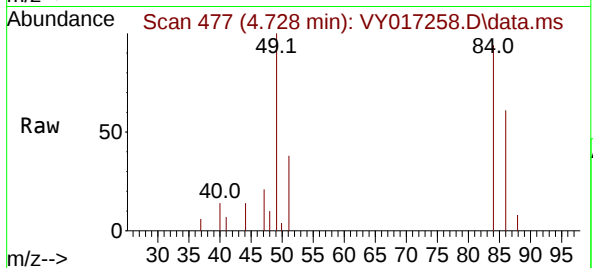
Tgt Ion: 43 Resp: 2956
Ion Ratio Lower Upper
43 100
58 29.3 26.6 39.8



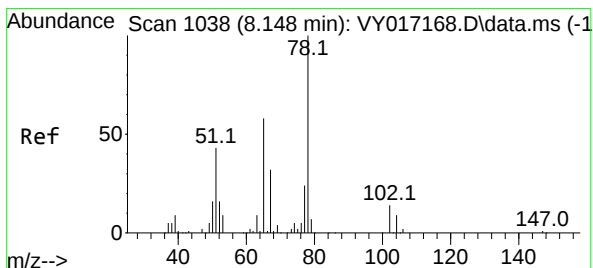
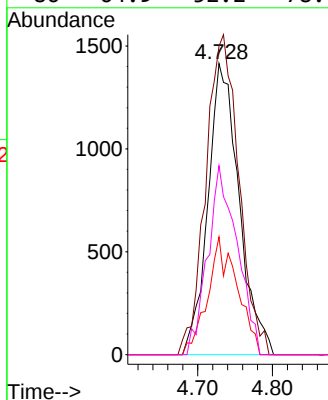
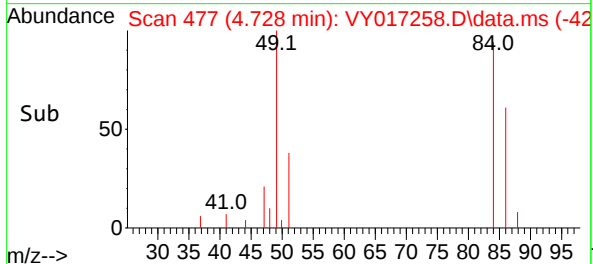


#20
Methylene Chloride
Concen: 1.597 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017258.D
Acq: 06 Feb 2024 12:41

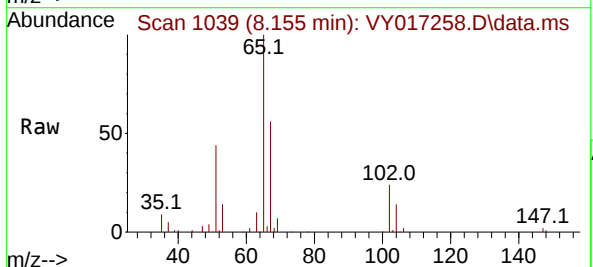
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-020124



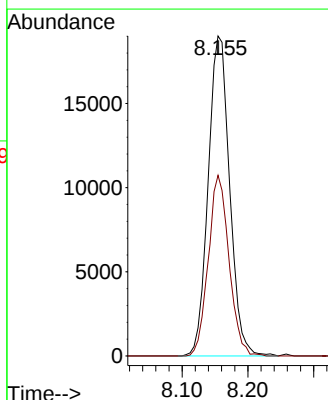
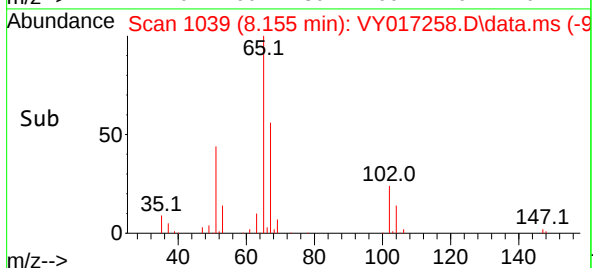
Tgt Ion:	84	Resp:	4098
Ion	Ratio	Lower	Upper
84	100		
49	105.9	95.2	142.8
51	40.4	29.9	44.9
86	64.9	52.2	78.4

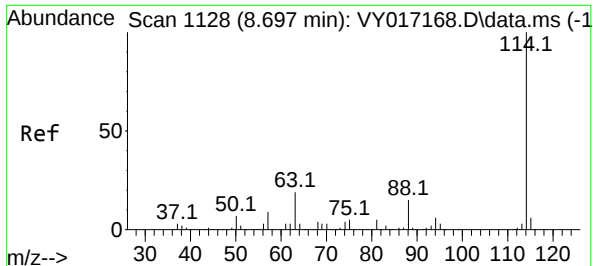


#33
1,2-Dichloroethane-d4
Concen: 63.263 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY017258.D
Acq: 06 Feb 2024 12:41



Tgt Ion:	65	Resp:	43175
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017258.D

Acq: 06 Feb 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-020124

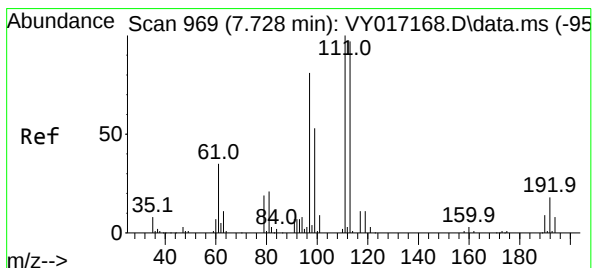
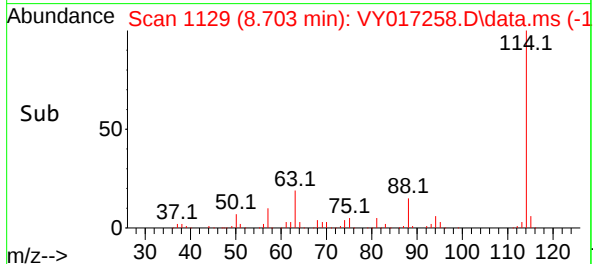
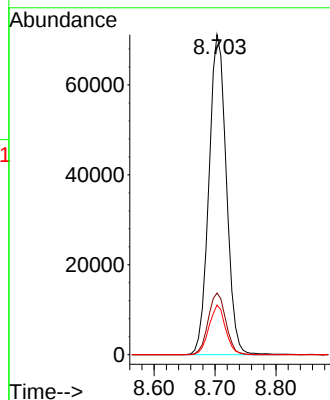
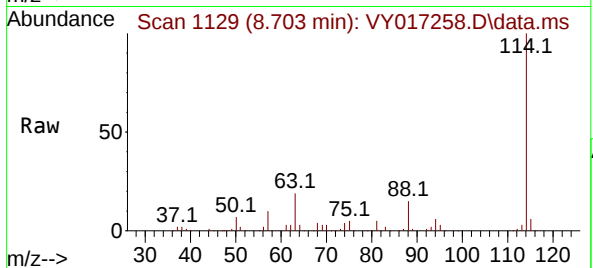
Tgt Ion:114 Resp: 141394

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 15.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 61.997 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017258.D

Acq: 06 Feb 2024 12:41

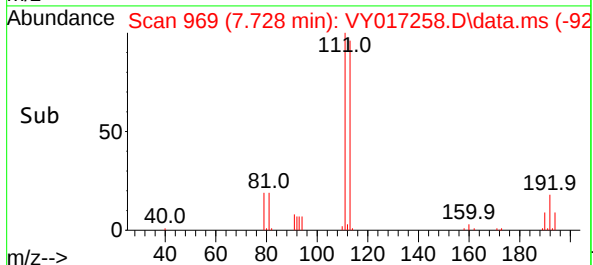
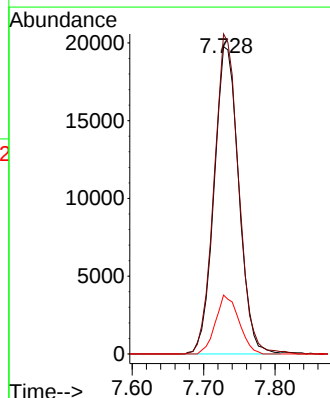
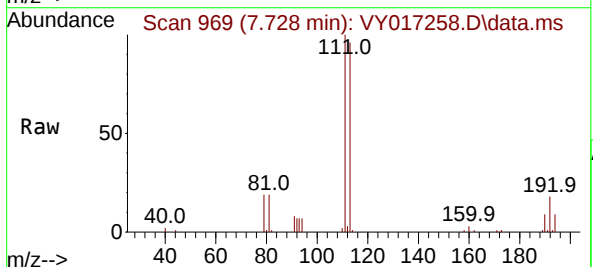
Tgt Ion:113 Resp: 47331

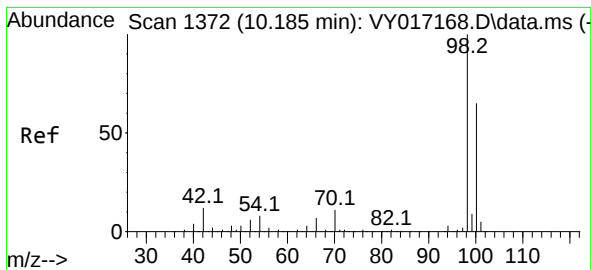
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 18.1 14.5 21.7





#50

Toluene-d8

Concen: 59.947 ug/l

RT: 10.197 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017258.D

Acq: 06 Feb 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

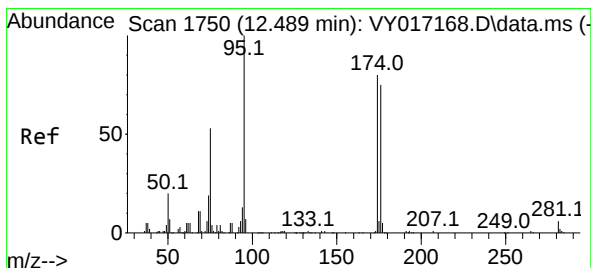
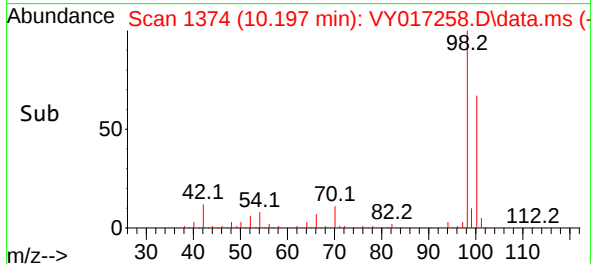
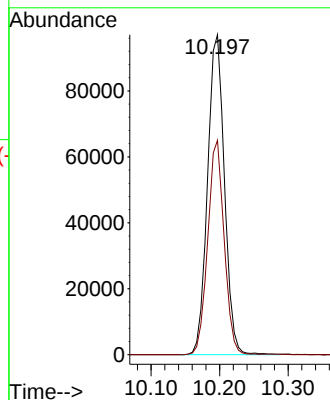
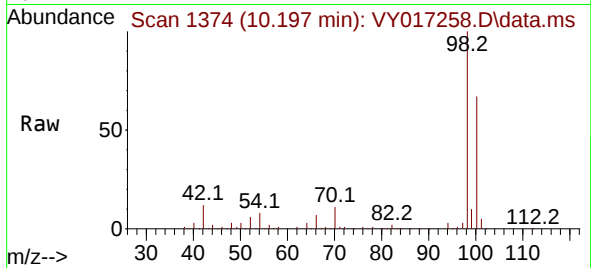
HR-02-020124

Tgt Ion: 98 Resp: 166630

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 50.479 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017258.D

Acq: 06 Feb 2024 12:41

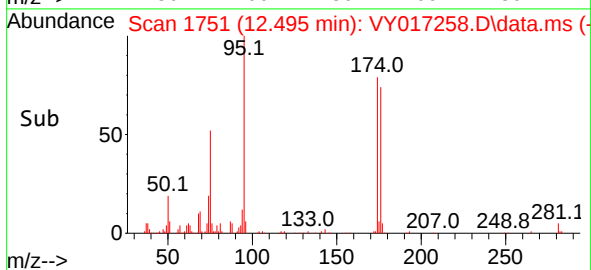
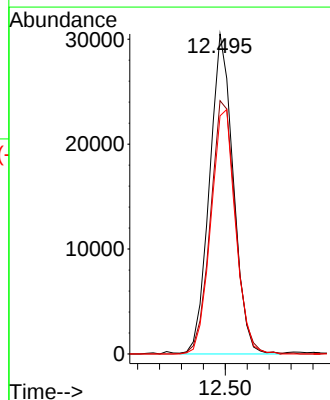
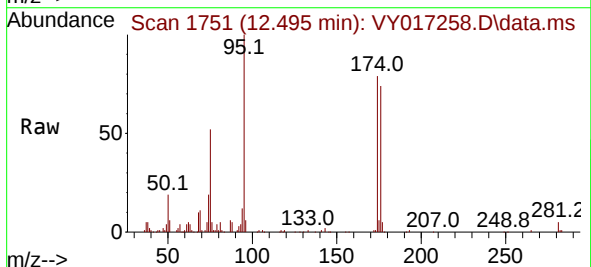
Tgt Ion: 95 Resp: 45964

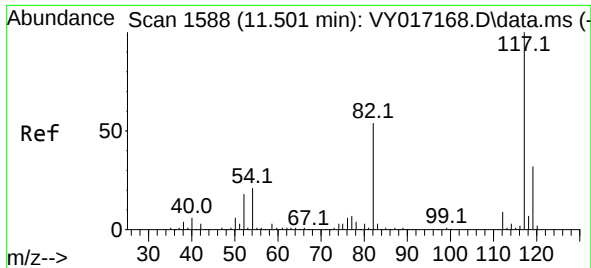
Ion Ratio Lower Upper

95 100

174 83.5 0.0 160.0

176 79.1 0.0 151.8

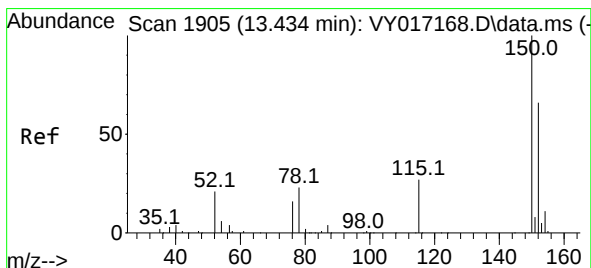
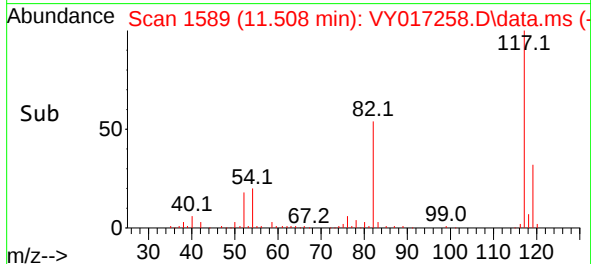
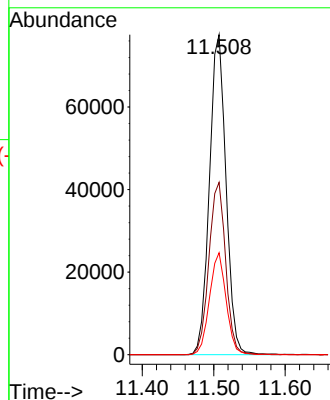
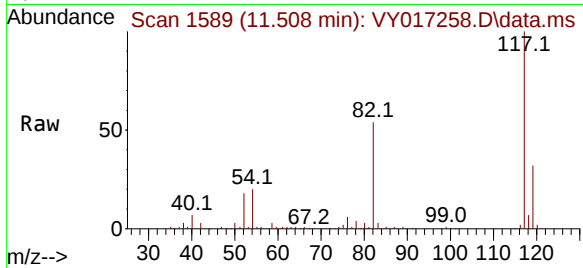




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017258.D
Acq: 06 Feb 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-020124

Tgt Ion:117 Resp: 124808
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 31.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017258.D
Acq: 06 Feb 2024 12:41

Tgt Ion:152 Resp: 44930
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 161.0 0.0 344.6

