

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017257.D
 Acq On : 06 Feb 2024 12:18
 Operator : SY/MD
 Sample : P1334-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-020124

Quant Time: Feb 06 12:36:04 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)

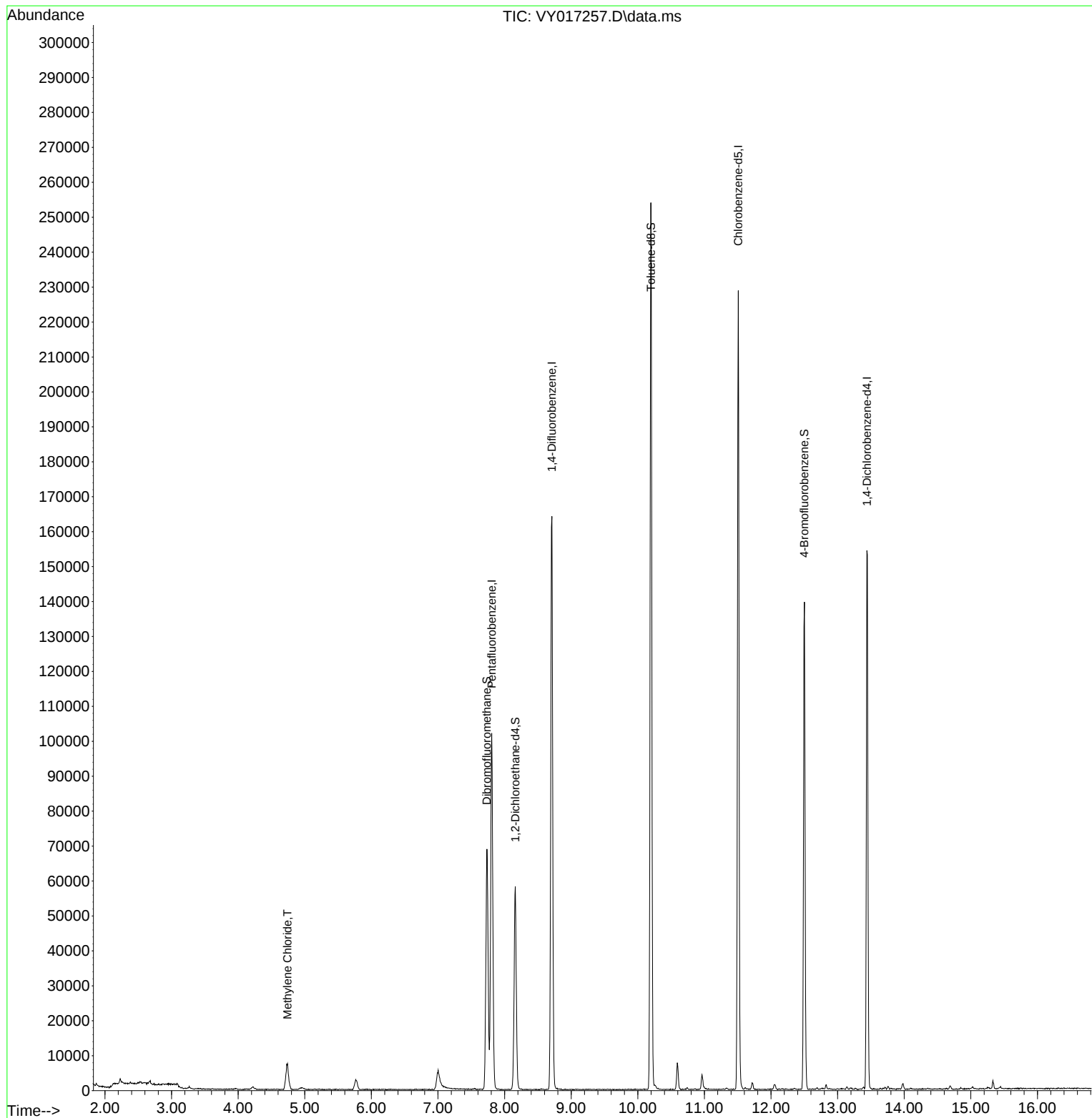
Internal Standards						
1) Pentafluorobenzene	7.807	168	77386	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	144347	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	124881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	39820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	44097	63.787	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.580%	
35) Dibromofluoromethane	7.734	113	49275	63.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.440%	
50) Toluene-d8	10.197	98	169494	59.730	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.460%	
62) 4-Bromofluorobenzene	12.501	95	43892	47.218	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.440%	
Target Compounds						Qvalue
20) Methylene Chloride	4.740	84	5310	3.094	ug/l	91

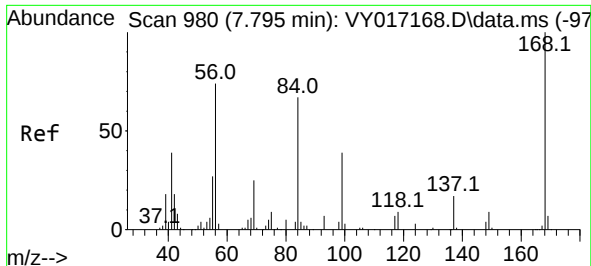
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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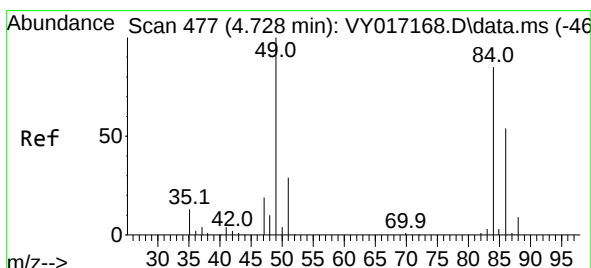
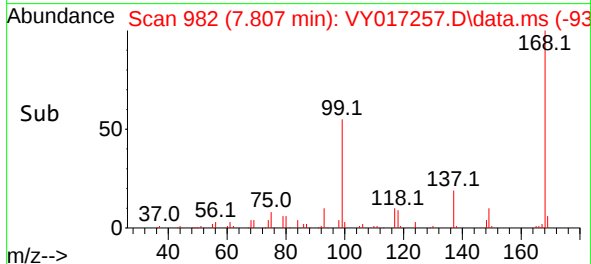
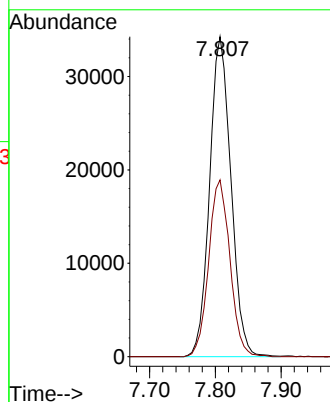
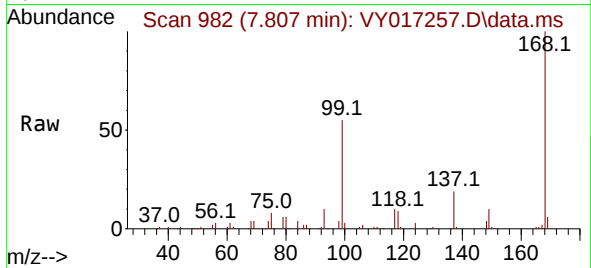




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017257.D
Acq: 06 Feb 2024 12:18

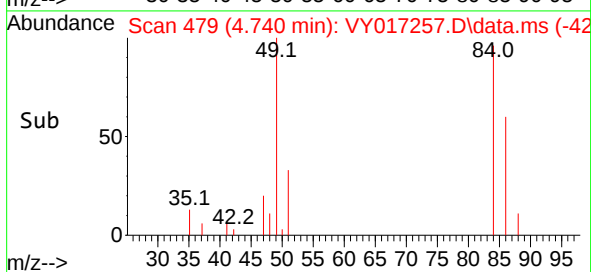
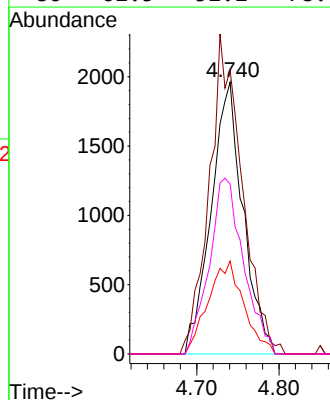
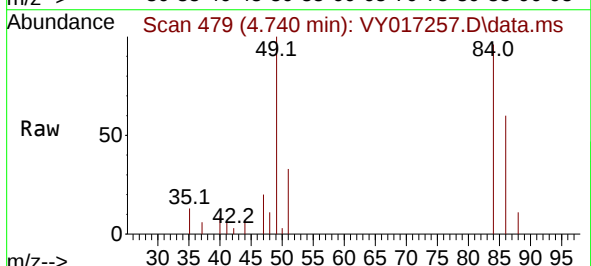
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-020124

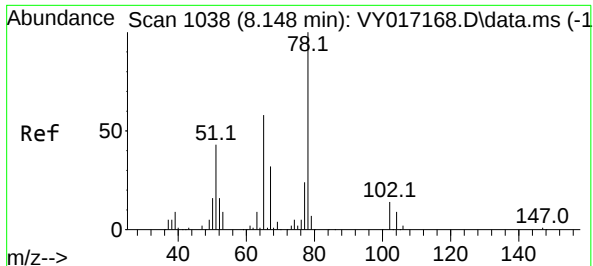
Tgt Ion:168 Resp: 77386
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#20
Methylene Chloride
Concen: 3.094 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY017257.D
Acq: 06 Feb 2024 12:18

Tgt Ion: 84 Resp: 5310
Ion Ratio Lower Upper
84 100
49 104.4 95.2 142.8
51 34.2 29.9 44.9
86 62.5 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 63.787 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY017257.D

Acq: 06 Feb 2024 12:18

Instrument :

MSVOA_Y

ClientSampleId :

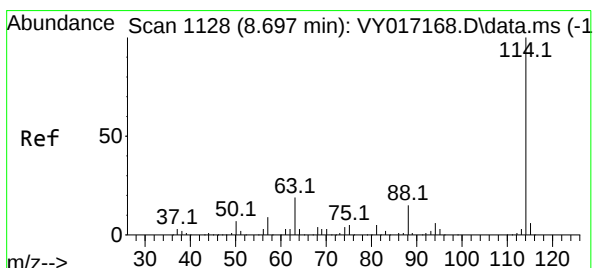
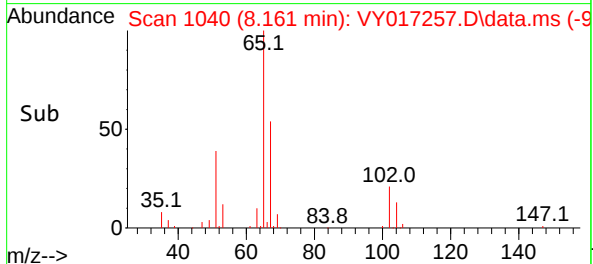
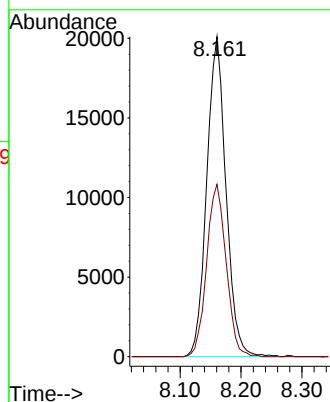
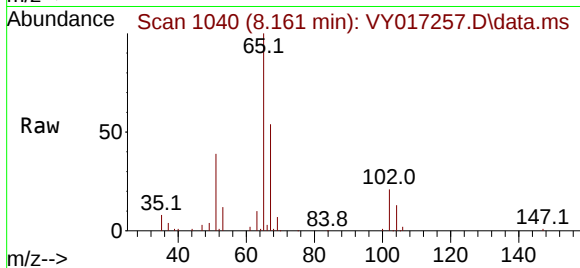
HR-01-020124

Tgt Ion: 65 Resp: 44097

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY017257.D

Acq: 06 Feb 2024 12:18

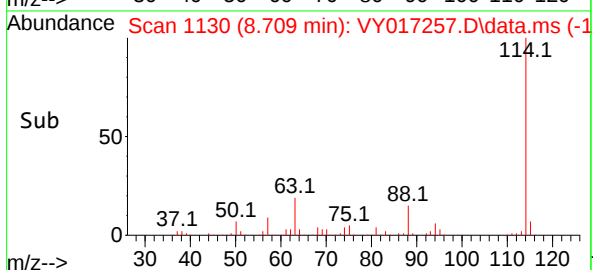
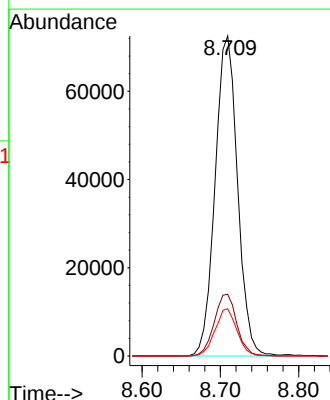
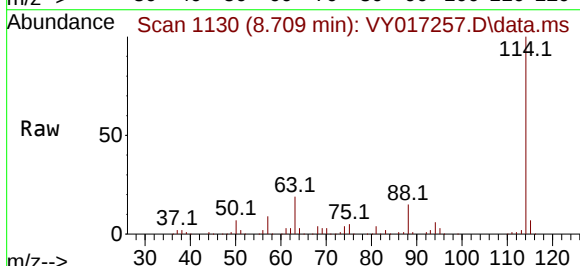
Tgt Ion: 114 Resp: 144347

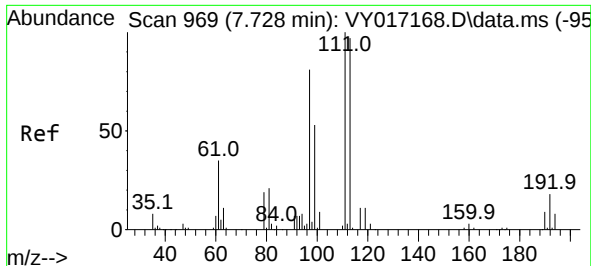
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.7 0.0 29.0

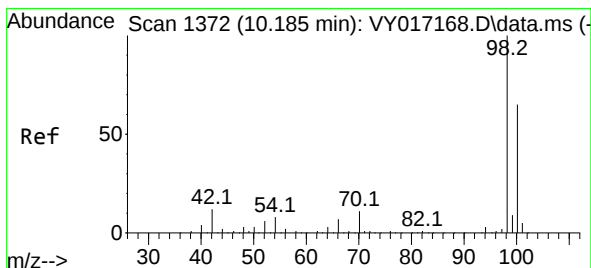
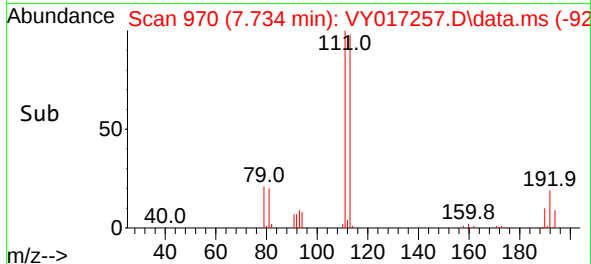
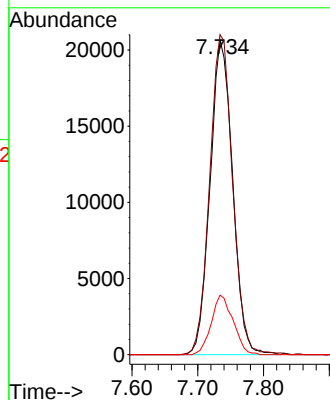
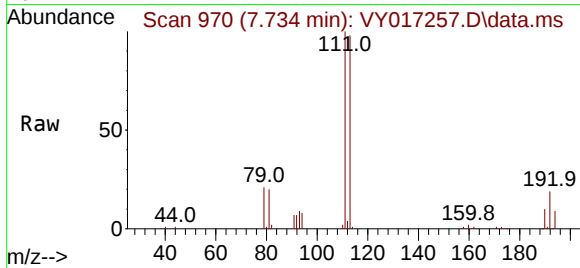




#35
Dibromofluoromethane
Concen: 63.223 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017257.D
Acq: 06 Feb 2024 12:18

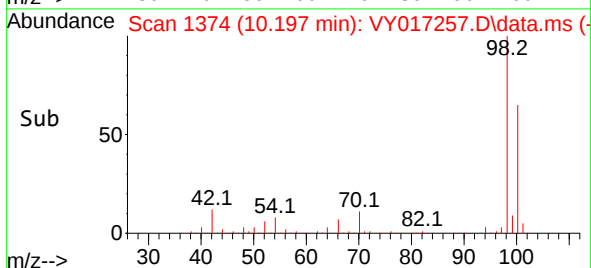
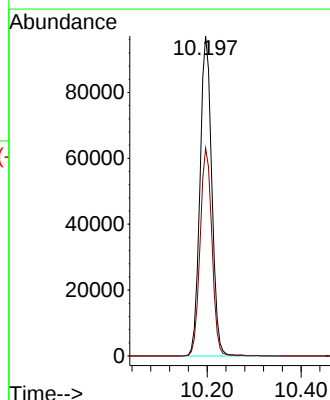
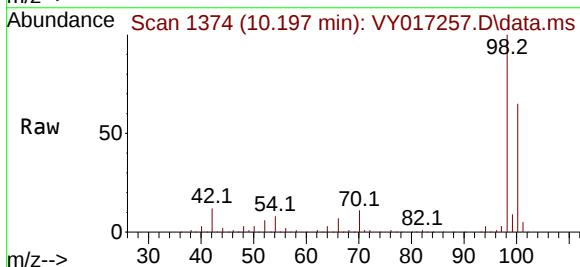
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-020124

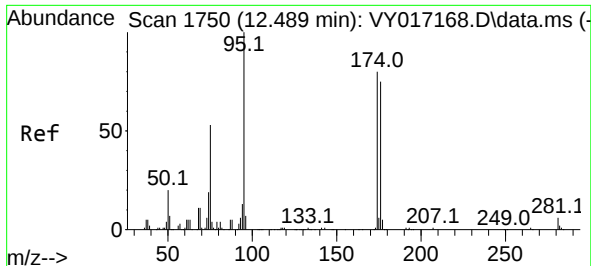
Tgt Ion:113 Resp: 49275
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 18.3 14.5 21.7



#50
Toluene-d8
Concen: 59.730 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017257.D
Acq: 06 Feb 2024 12:18

Tgt Ion: 98 Resp: 169494
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

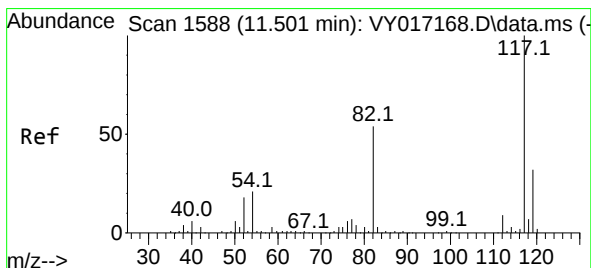
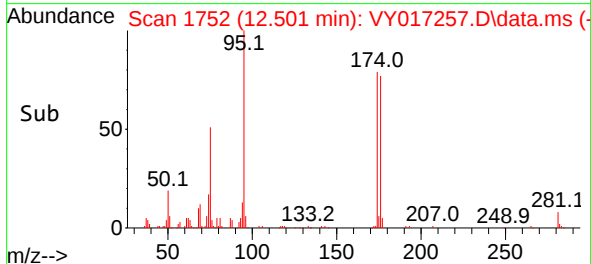
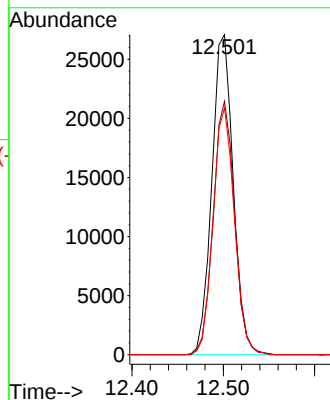
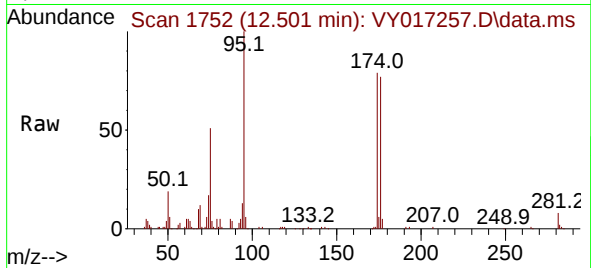




#62
4-Bromofluorobenzene
Concen: 47.218 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017257.D
Acq: 06 Feb 2024 12:18

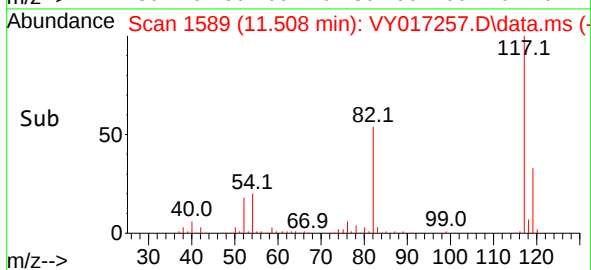
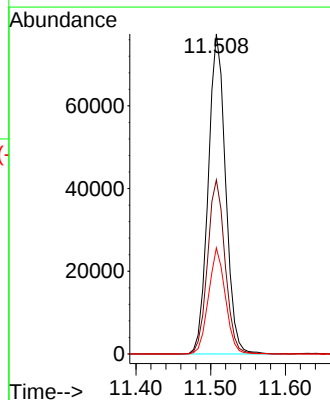
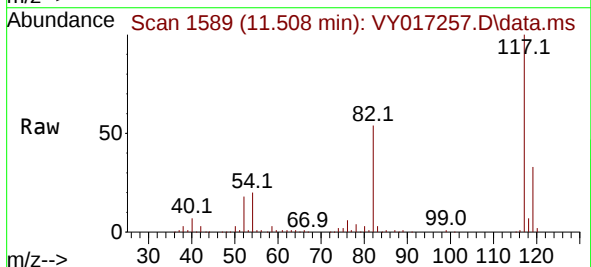
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-020124

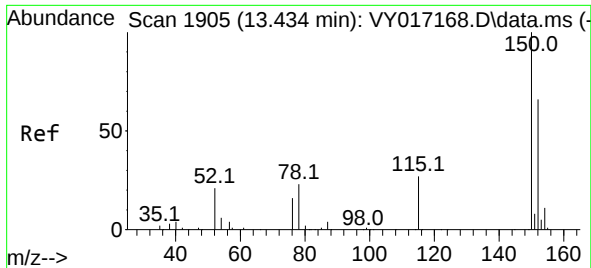
Tgt Ion: 95 Resp: 43892
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 77.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017257.D
Acq: 06 Feb 2024 12:18

Tgt Ion: 117 Resp: 124881
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 33.2 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: VY017257.D

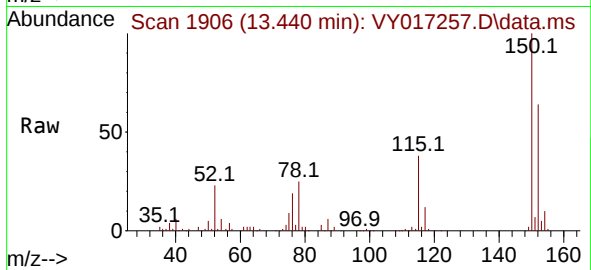
Acq: 06 Feb 2024 12:18

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-020124



Tgt Ion:152 Resp: 39820

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 160.5 0.0 344.6

