

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020638.D
 Acq On : 18 Dec 2024 16:04
 Operator : SY/MD
 Sample : P5301-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-121624

Quant Time: Dec 19 02:50:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

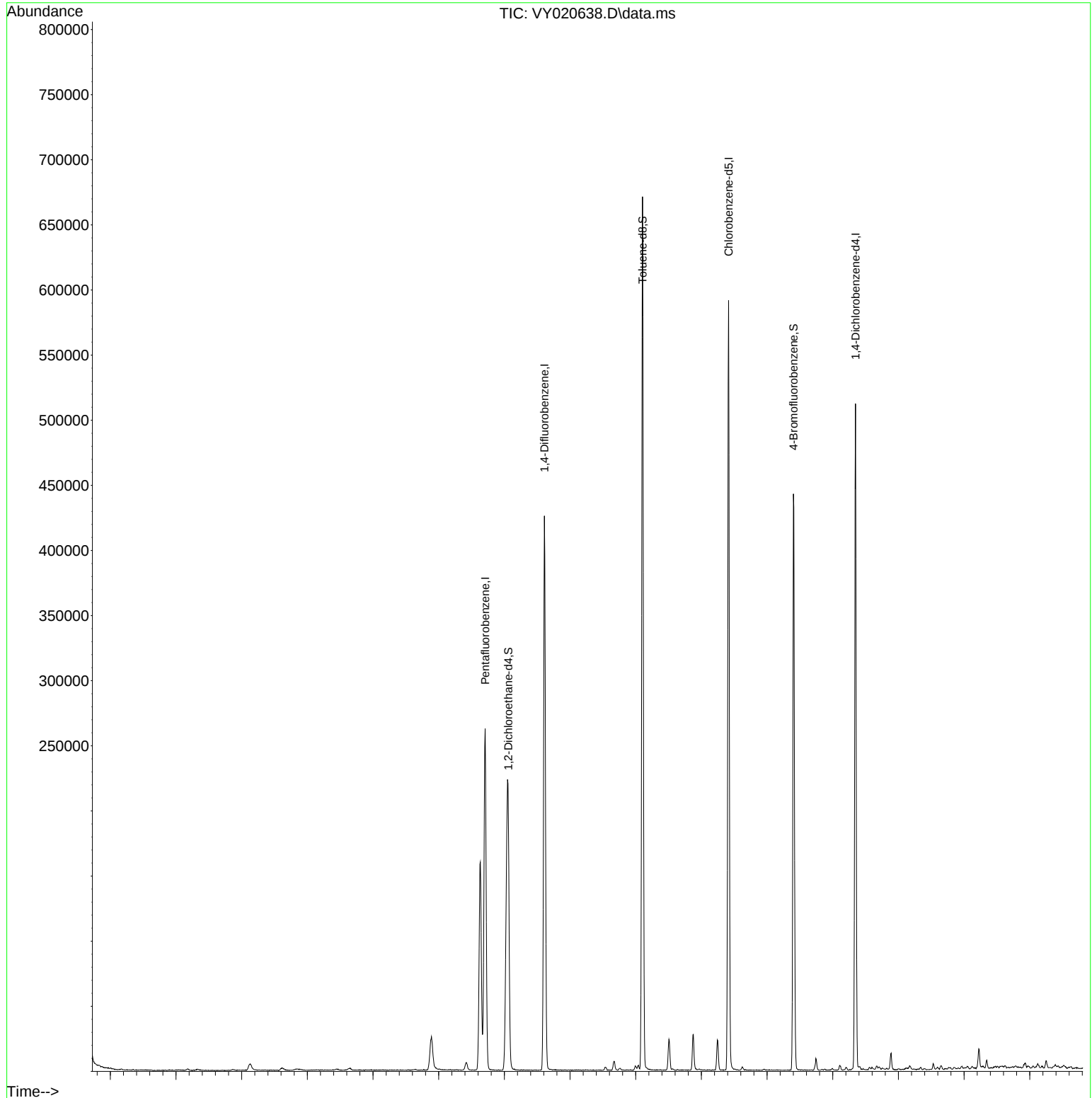
Internal Standards						
1) Pentafluorobenzene	7.707	168	200999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	357855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	309972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115462	52.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.900%
35) Dibromofluoromethane	7.634	113	115586	45.830	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.660%
50) Toluene-d8	10.103	98	428546	48.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.401	95	136888	39.642	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.280%
Target Compounds						
51) 4-Methyl-2-Pentanone	9.993	43	2746	1.270	ug/l	Qvalue 87

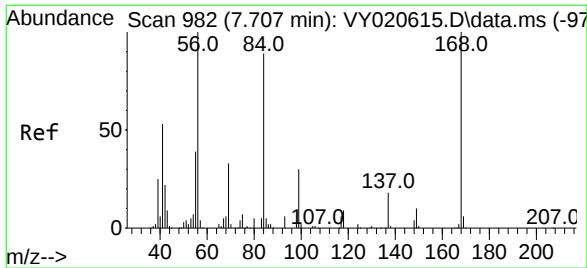
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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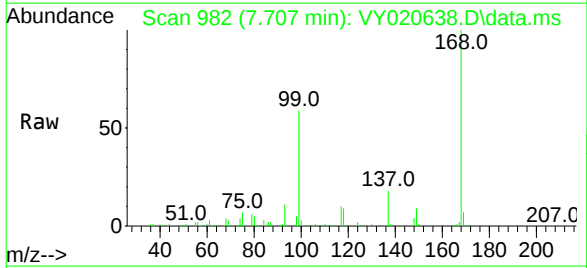
Quant Time: Dec 19 02:50:03 2024
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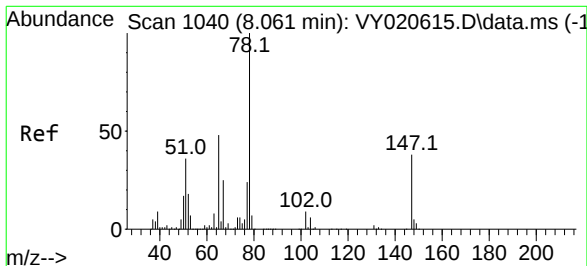
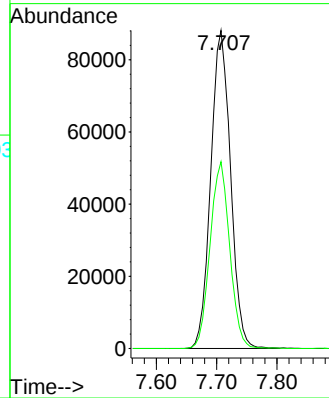
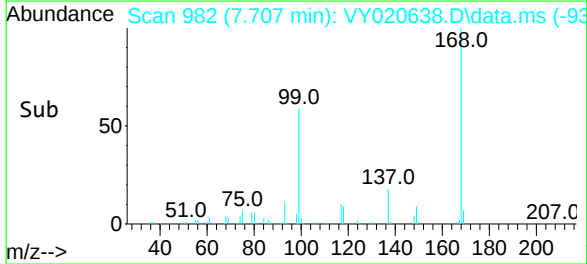


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020638.D
Acq: 18 Dec 2024 16:04

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-121624

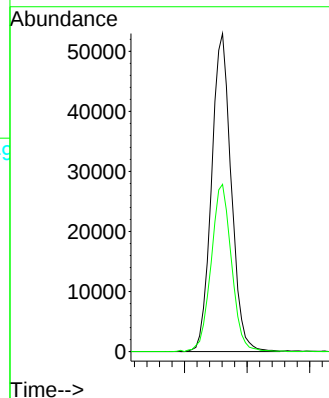
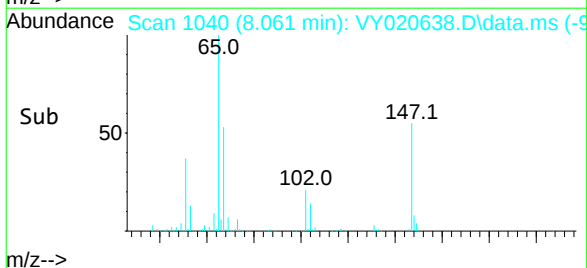
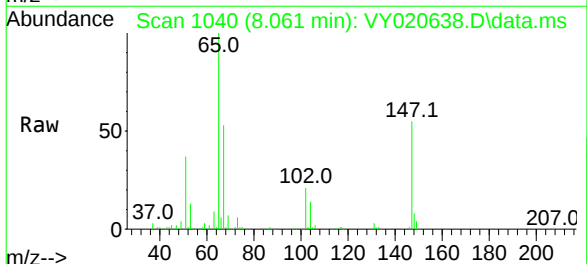


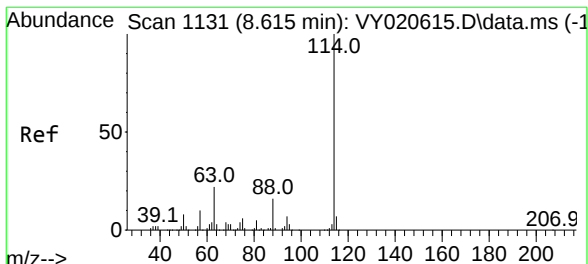
Tgt Ion:168 Resp: 200999
Ion Ratio Lower Upper
168 100
99 58.7 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 52.450 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020638.D
Acq: 18 Dec 2024 16:04

Tgt Ion: 65 Resp: 115462
Ion Ratio Lower Upper
65 100
67 54.7 0.0 108.0

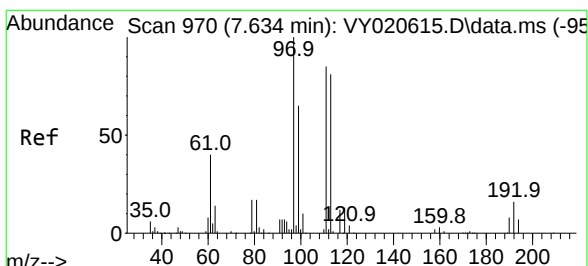
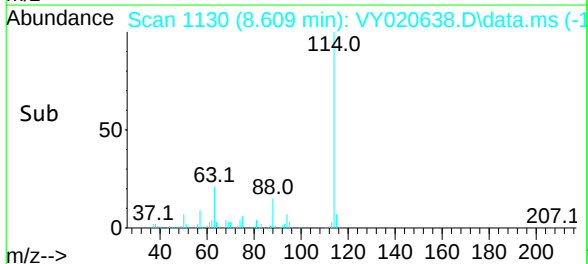
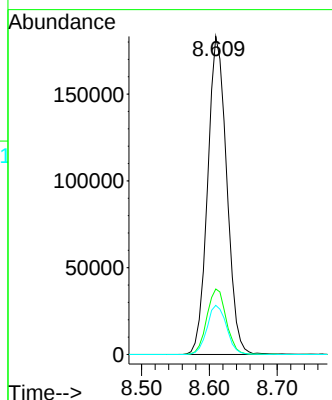
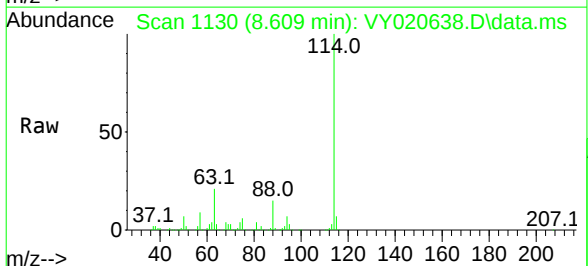




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020638.D
 Acq: 18 Dec 2024 16:04

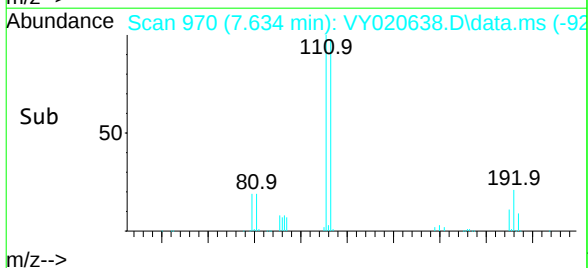
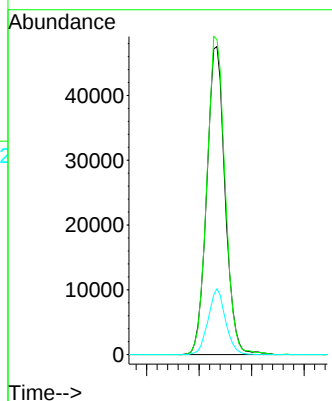
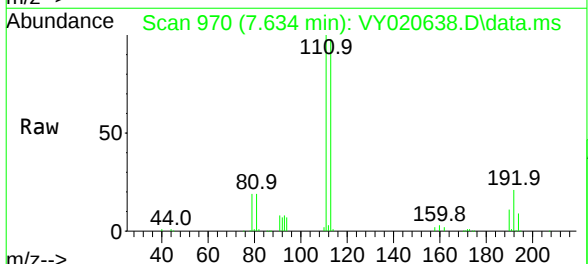
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-121624

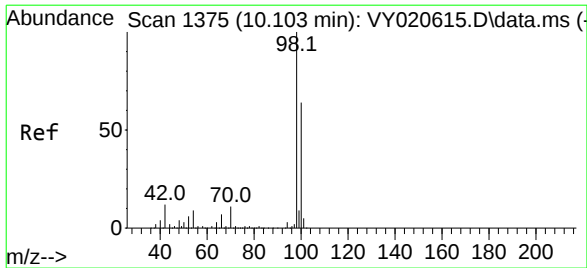
Tgt Ion:	114	Resp:	357855
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	44.0
88	15.4	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 45.830 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020638.D
 Acq: 18 Dec 2024 16:04

Tgt Ion:	113	Resp:	115586
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	20.1	15.7	23.5





#50

Toluene-d8

Concen: 48.546 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020638.D

Acq: 18 Dec 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

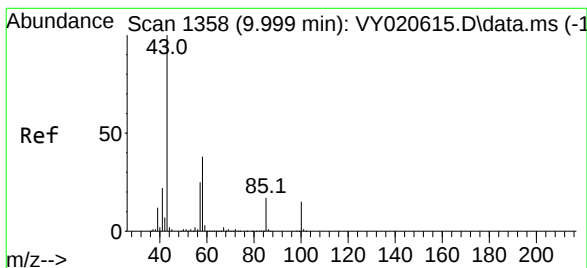
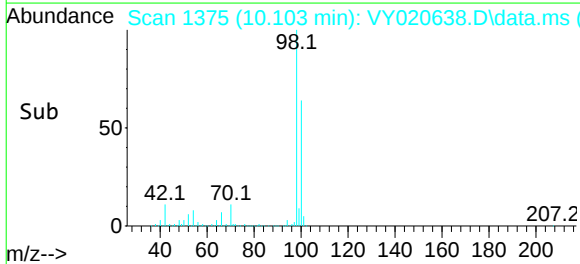
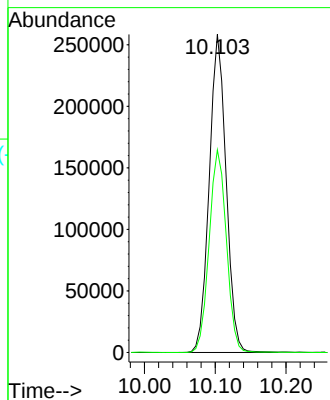
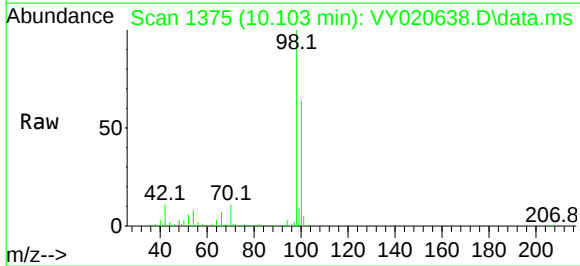
HR-01-121624

Tgt Ion: 98 Resp: 428546

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1



#51

4-Methyl-2-Pentanone

Concen: 1.270 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY020638.D

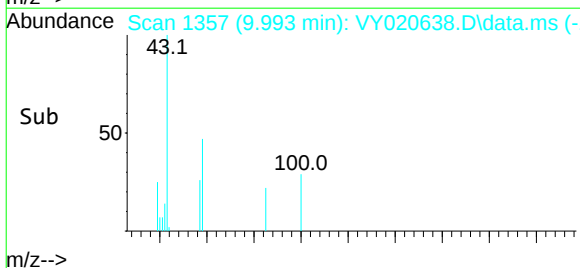
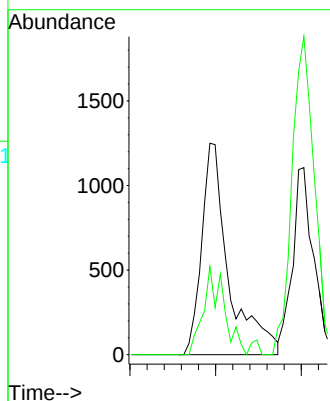
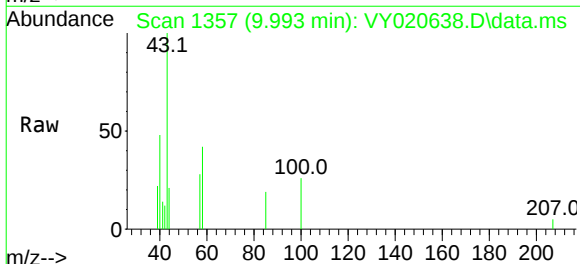
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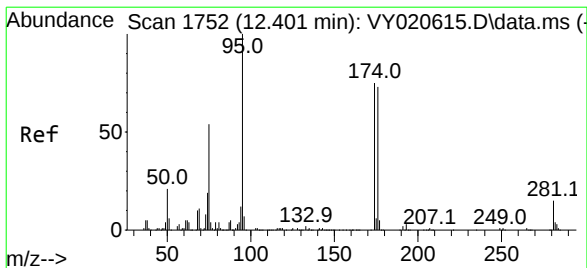
Tgt Ion: 43 Resp: 2746

Ion Ratio Lower Upper

43 100

58 31.6 31.4 47.2





#62

4-Bromofluorobenzene

Concen: 39.642 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020638.D

Acq: 18 Dec 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-121624

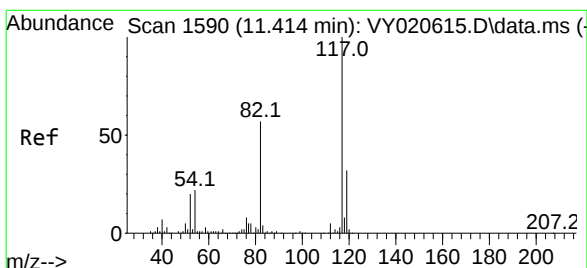
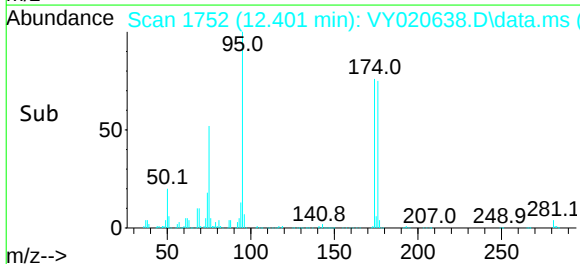
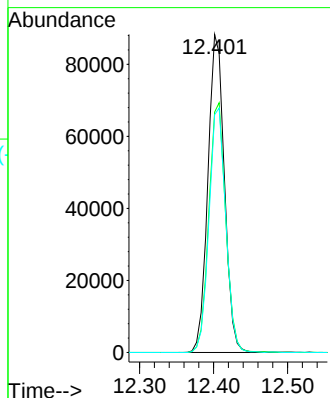
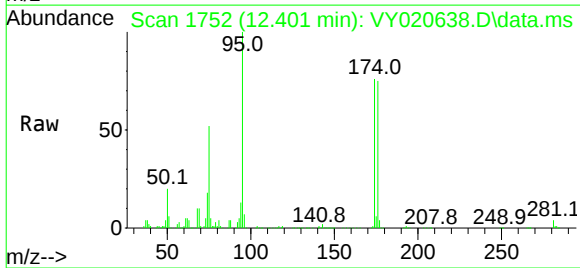
Tgt Ion: 95 Resp: 136888

Ion Ratio Lower Upper

95 100

174 80.0 0.0 161.8

176 78.0 0.0 156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020638.D

Acq: 18 Dec 2024 16:04

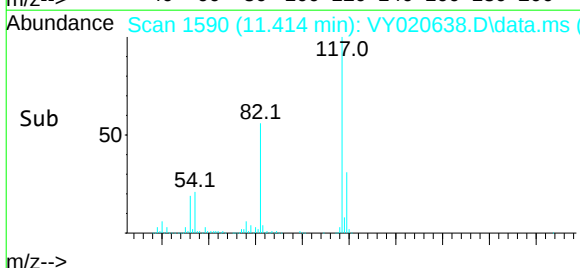
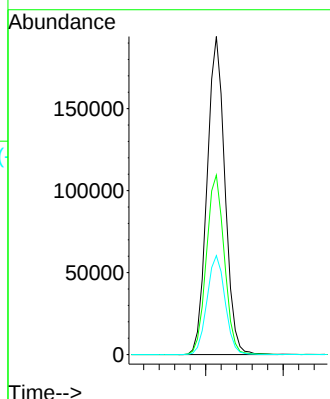
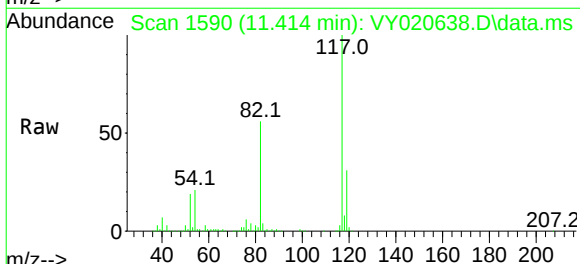
Tgt Ion: 117 Resp: 309972

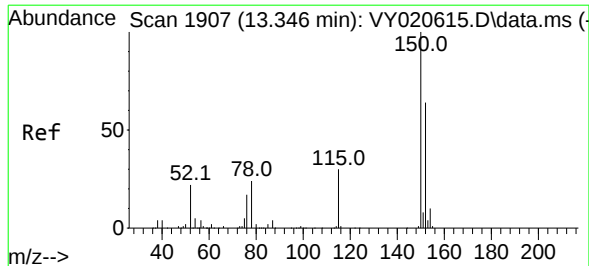
Ion Ratio Lower Upper

117 100

82 56.4 45.8 68.6

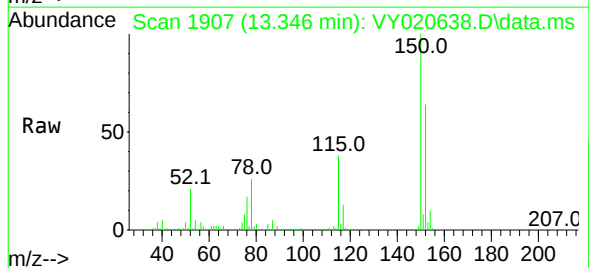
119 31.1 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020638.D
 Acq: 18 Dec 2024 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-121624



Tgt Ion:	152	Resp:	125578
Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.2	90.6
150	158.9	0.0	355.4

