

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020179.D
 Acq On : 06 Nov 2024 14:19
 Operator : SY/MD
 Sample : P4709-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-110424

Quant Time: Nov 06 14:53:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

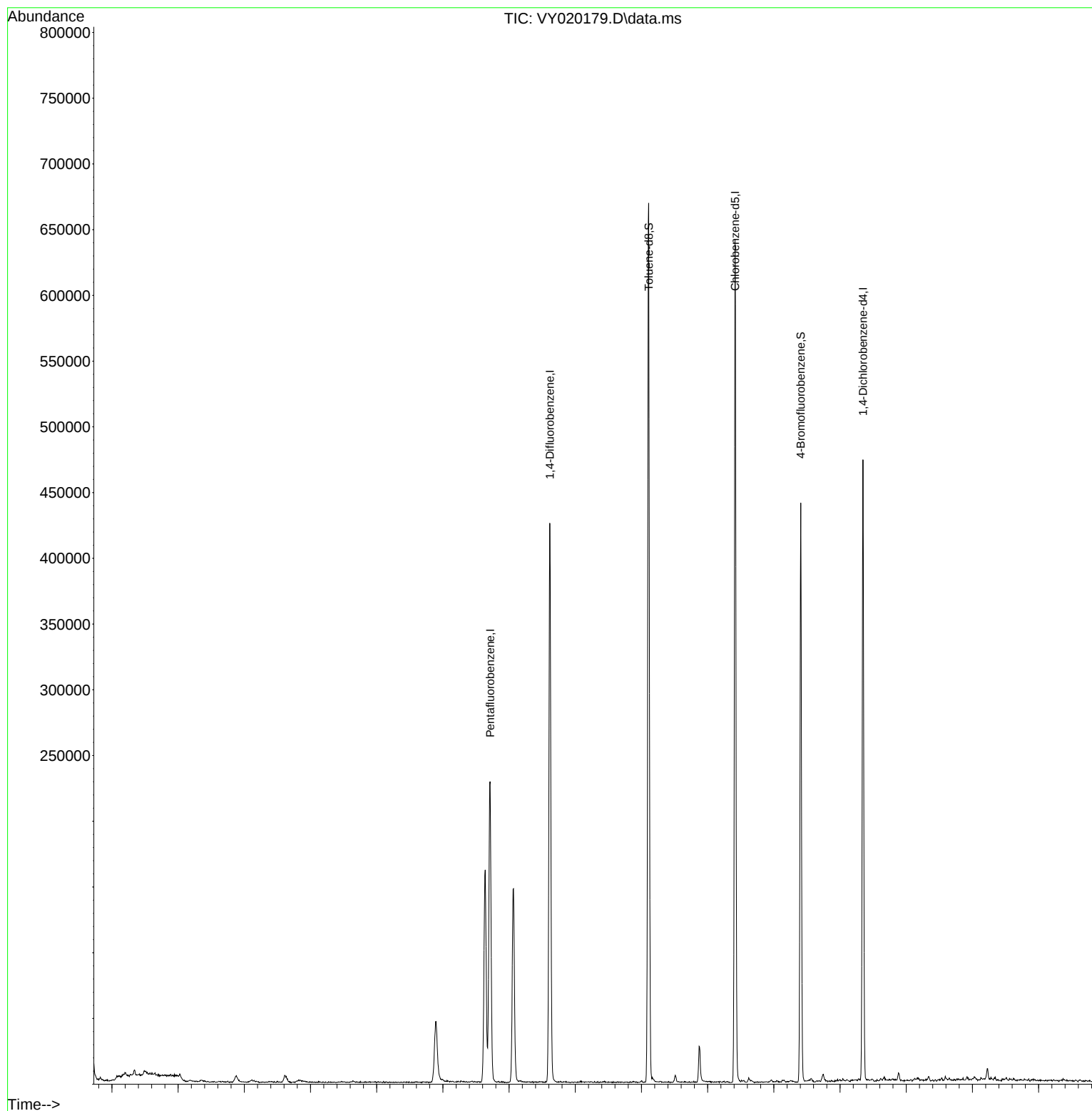
Internal Standards						
1) Pentafluorobenzene	7.713	168	160074	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	334365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	304881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	102840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	117135	58.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.260%
35) Dibromofluoromethane	7.640	113	113220	53.258	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.520%
50) Toluene-d8	10.109	98	415419	49.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.407	95	122292	44.493	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.980%
Target Compounds						
16) Acetone	3.878	43	8581	18.469	ug/l	Qvalue 92
20) Methylene Chloride	4.616	84	3507	1.680	ug/l	# 89

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

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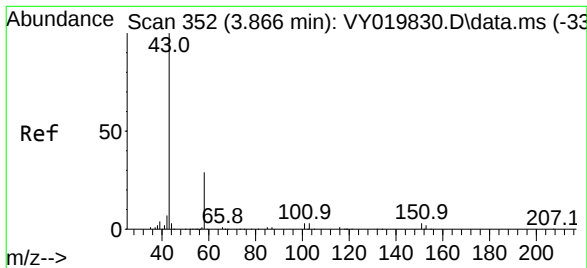
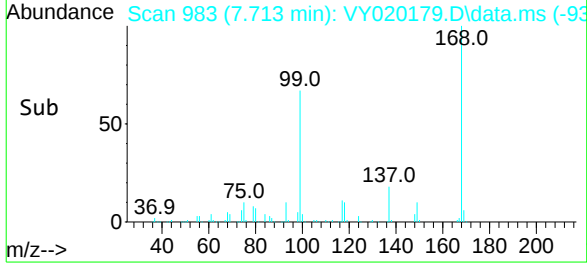
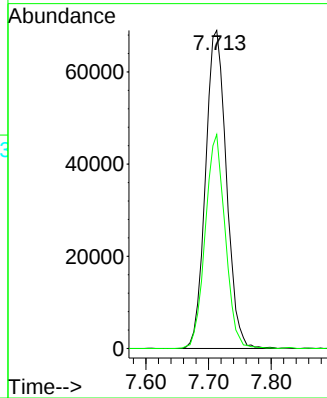
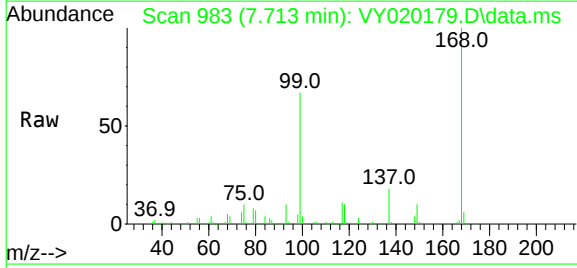




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

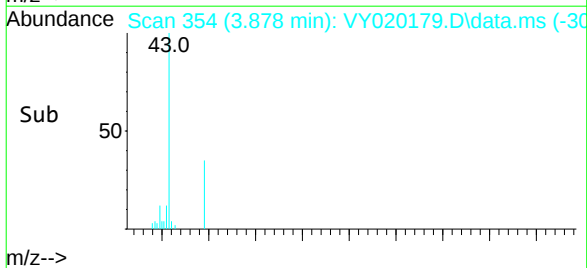
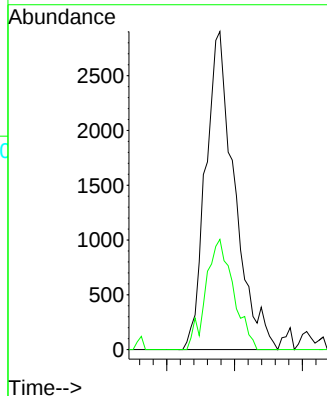
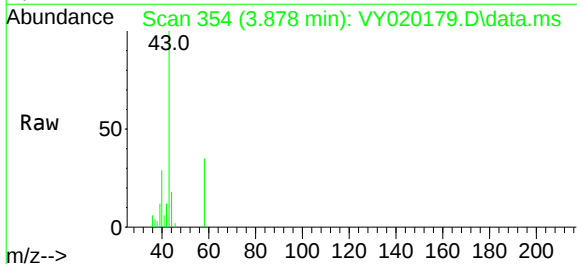
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-110424

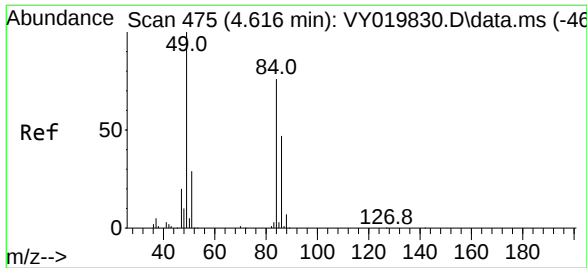
Tgt Ion: 168 Resp: 160074
Ion Ratio Lower Upper
168 100
99 67.3 39.1 58.7#



#16
Acetone
Concen: 18.469 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

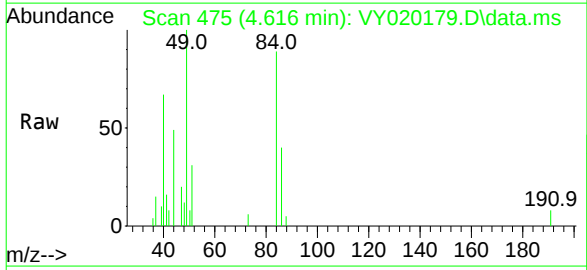
Tgt Ion: 43 Resp: 8581
Ion Ratio Lower Upper
43 100
58 34.7 31.7 47.5



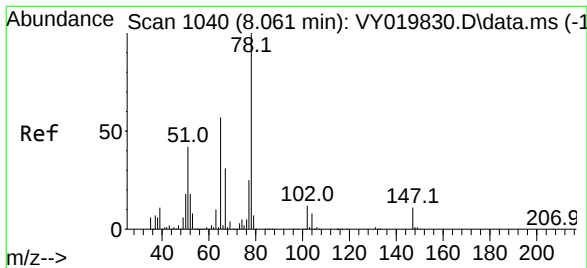
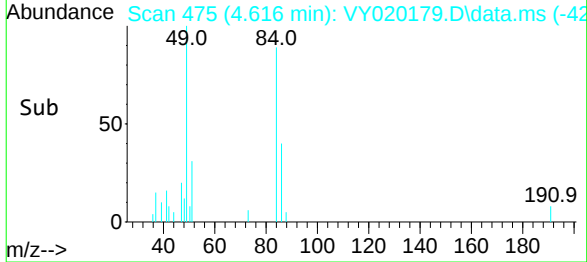
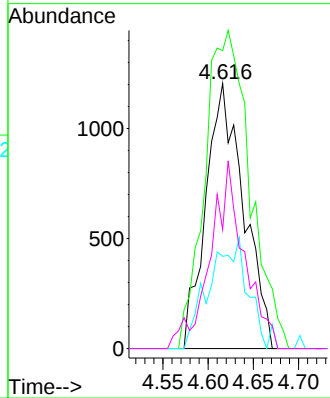


#20
Methylene Chloride
Concen: 1.680 ug/l
RT: 4.616 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-110424

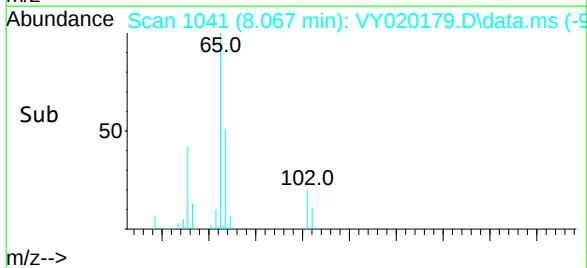
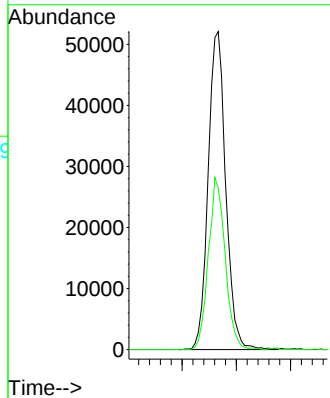
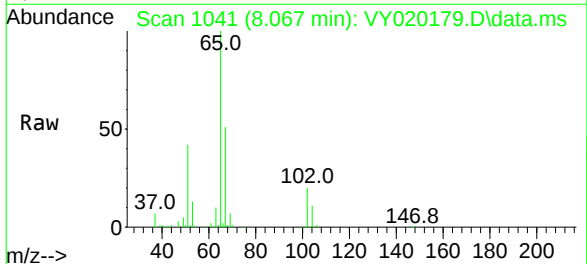


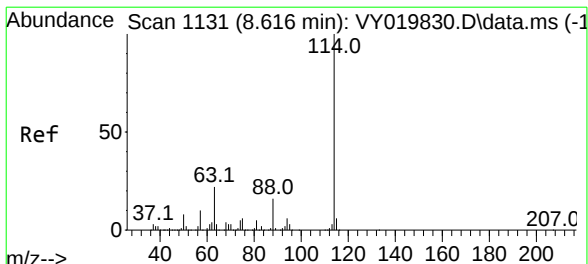
Tgt Ion: 84 Resp: 3507
Ion Ratio Lower Upper
84 100
49 112.4 84.4 126.6
51 34.8 26.0 39.0
86 44.9 49.5 74.3#



#33
1,2-Dichloroethane-d4
Concen: 58.631 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020179.D
Acq: 06 Nov 2024 14:19

Tgt Ion: 65 Resp: 117135
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6

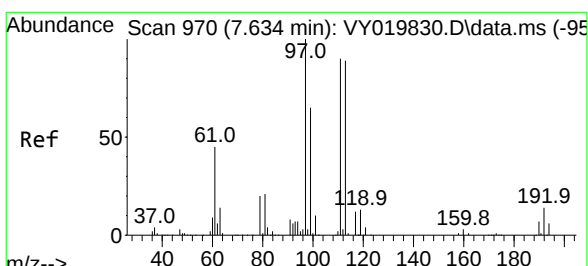
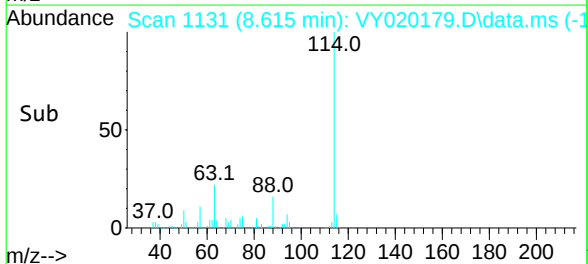
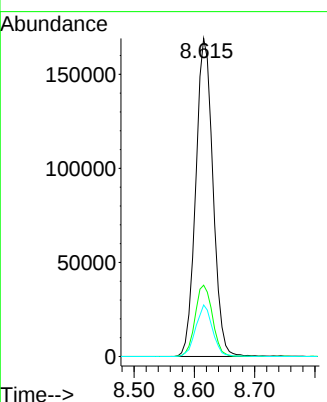
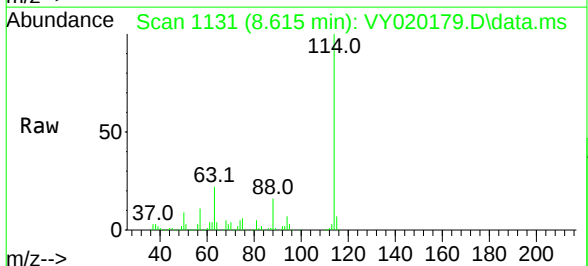




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020179.D
 Acq: 06 Nov 2024 14:19

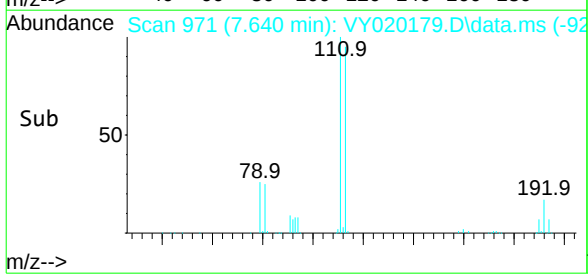
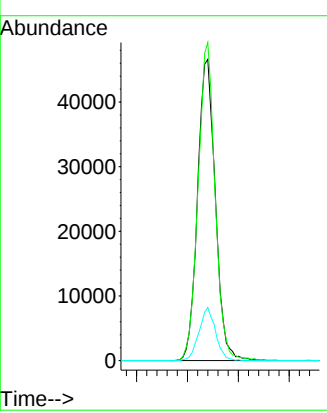
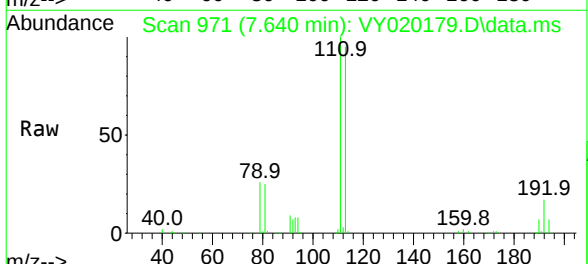
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-110424

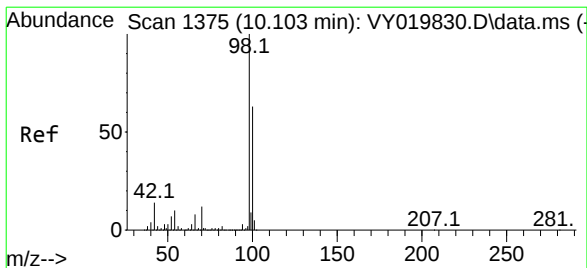
Tgt Ion:	114	Resp:	334365
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	35.0
88	16.2	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 53.258 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020179.D
 Acq: 06 Nov 2024 14:19

Tgt Ion:	113	Resp:	113220
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	16.5	15.9	23.9





#50

Toluene-d8

Concen: 49.092 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020179.D

Acq: 06 Nov 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

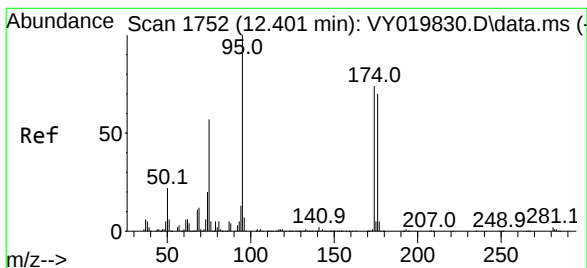
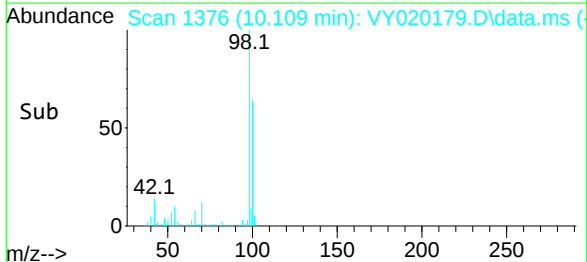
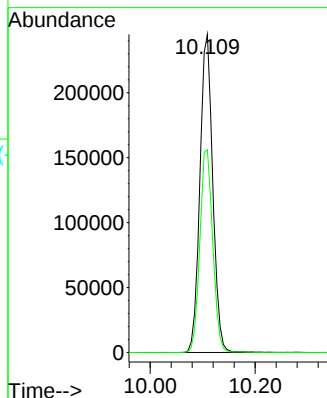
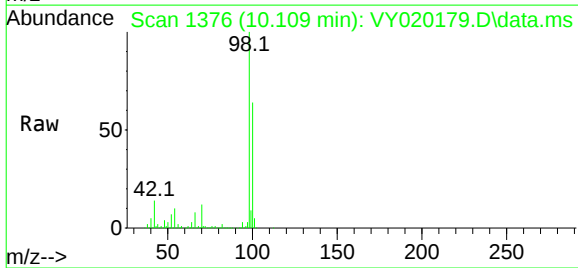
HR-03-110424

Tgt Ion: 98 Resp: 415419

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.493 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020179.D

Acq: 06 Nov 2024 14:19

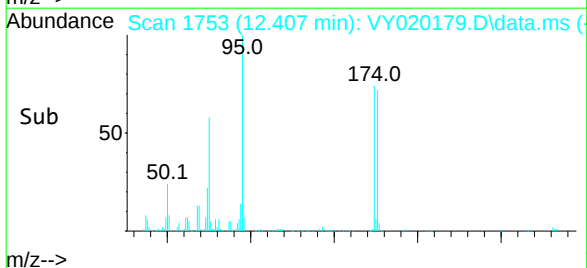
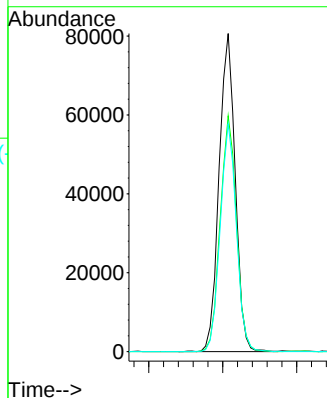
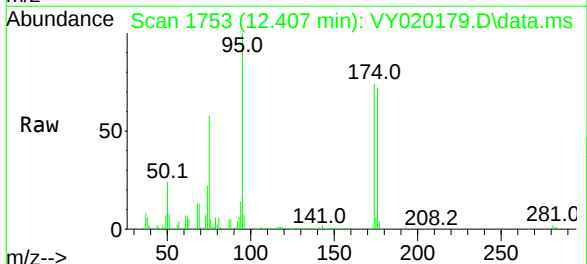
Tgt Ion: 95 Resp: 122292

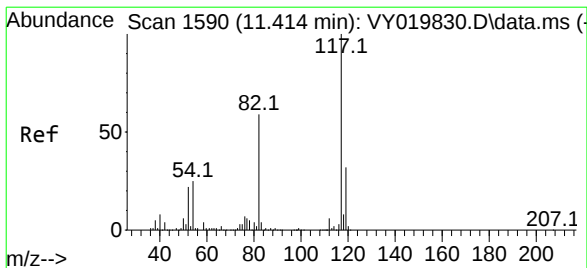
Ion Ratio Lower Upper

95 100

174 74.5 0.0 175.6

176 71.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020179.D

Acq: 06 Nov 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

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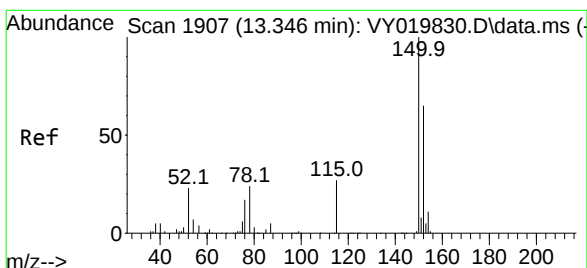
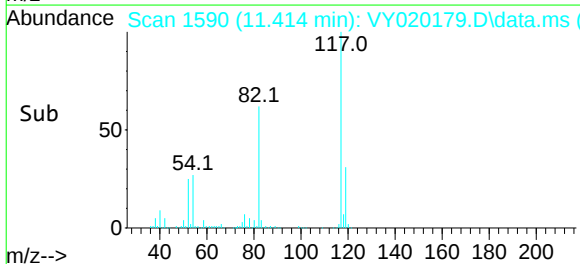
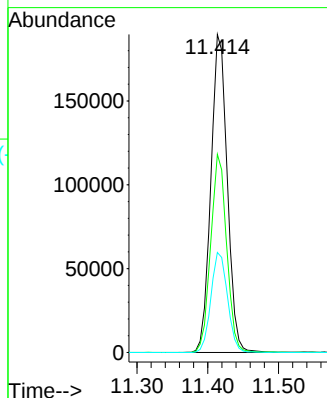
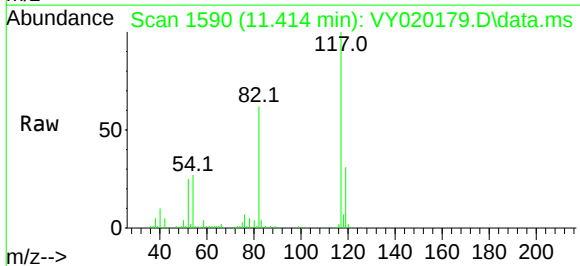
Tgt Ion:117 Resp: 304881

Ion Ratio Lower Upper

117 100

82 62.3 42.4 63.6

119 31.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020179.D

Acq: 06 Nov 2024 14:19

Tgt Ion:152 Resp: 102840

Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 158.1 0.0 345.6

