

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020178.D
 Acq On : 06 Nov 2024 13:56
 Operator : SY/MD
 Sample : P4709-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-110424

Quant Time: Nov 06 14:50:39 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)

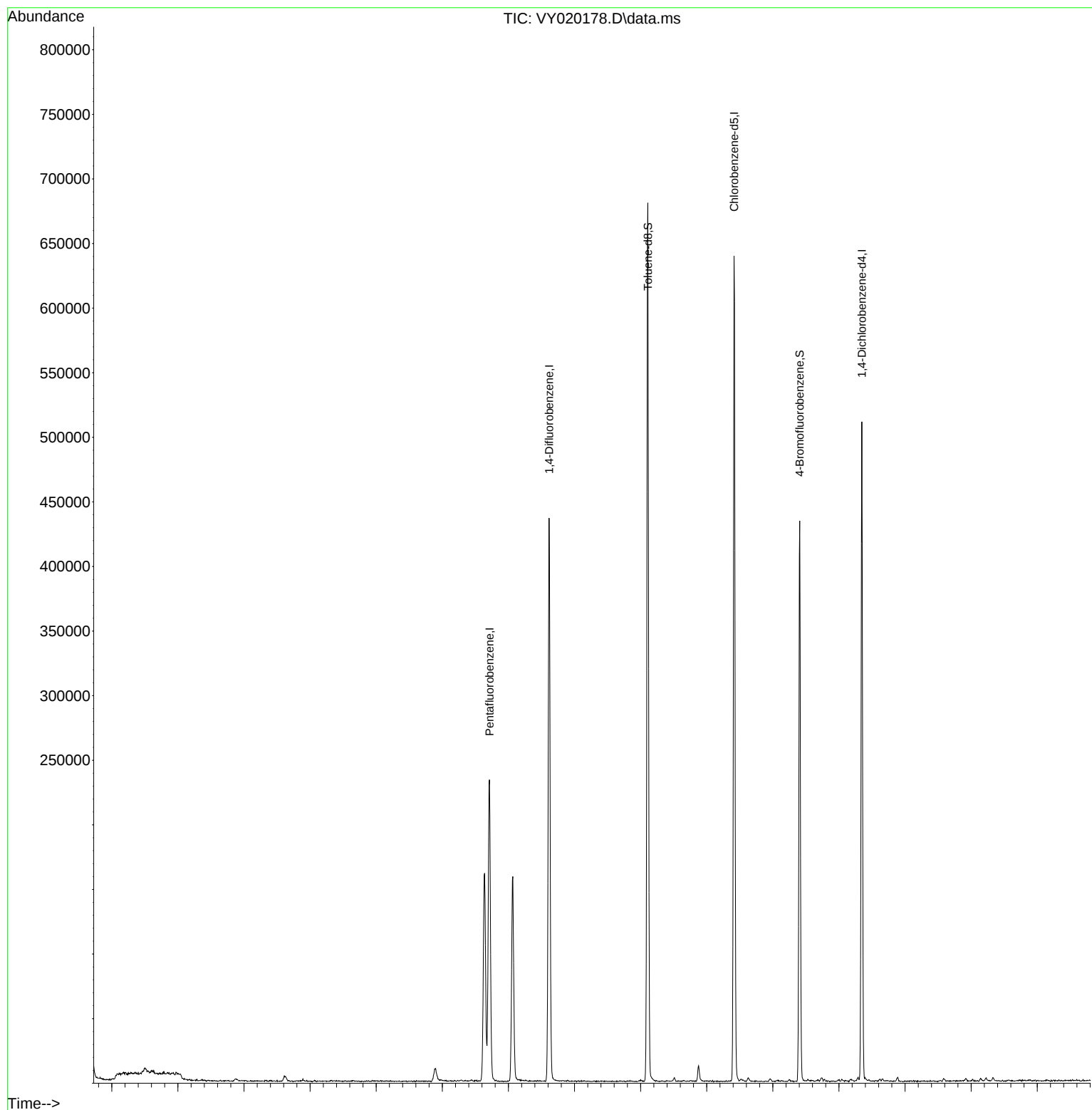
Internal Standards						
1) Pentafluorobenzene	7.713	168	163945	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	341570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	315392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	109128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	119934	58.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.220%
35) Dibromofluoromethane	7.640	113	113751	52.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.760%
50) Toluene-d8	10.109	98	428207	49.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.407	95	126254	44.966	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.940%
Target Compounds						
16) Acetone	3.878	43	3053	6.416	ug/l	# 86
20) Methylene Chloride	4.622	84	2559	1.197	ug/l	# 92

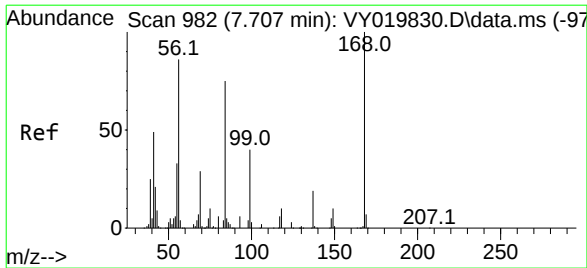
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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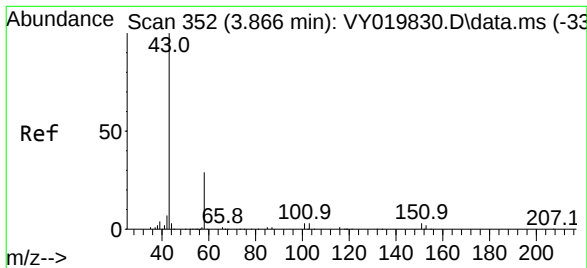
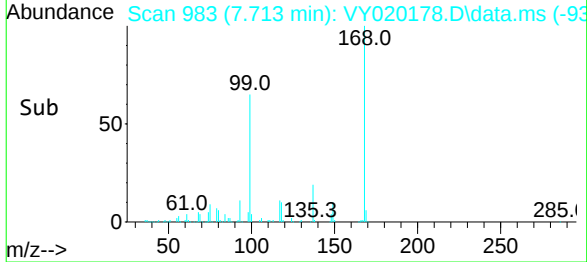
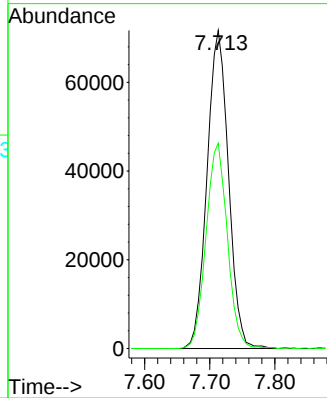
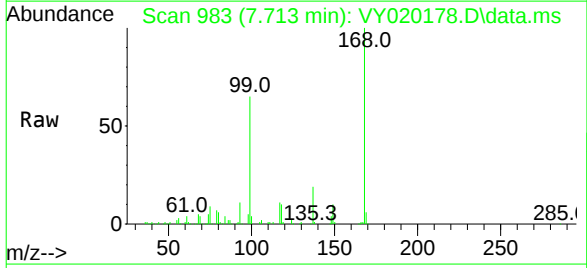




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020178.D
Acq: 06 Nov 2024 13:56

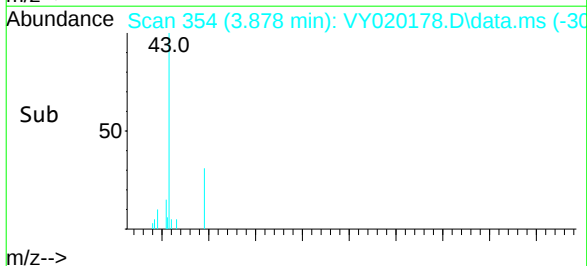
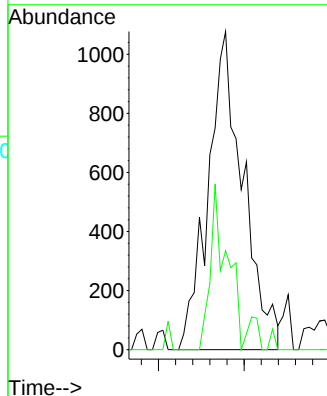
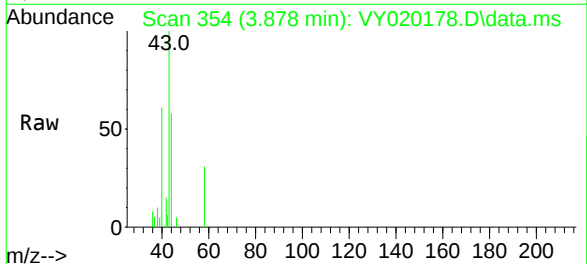
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-110424

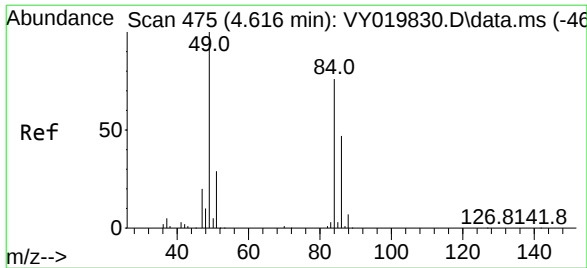
Tgt Ion: 168 Resp: 163945
Ion Ratio Lower Upper
168 100
99 64.6 39.1 58.7#



#16
Acetone
Concen: 6.416 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020178.D
Acq: 06 Nov 2024 13:56

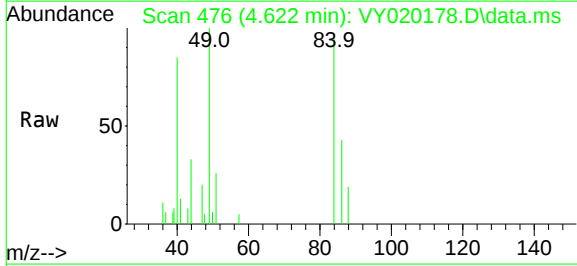
Tgt Ion: 43 Resp: 3053
Ion Ratio Lower Upper
43 100
58 31.1 31.7 47.5#



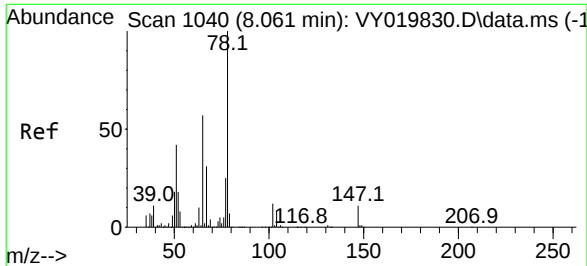
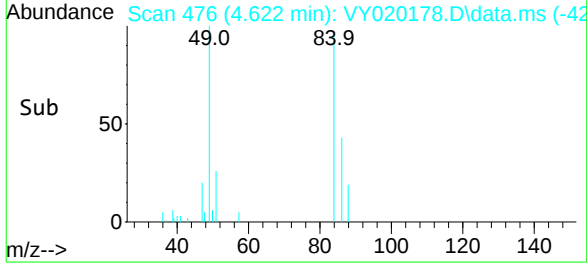
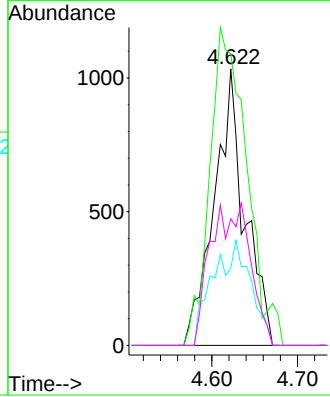


#20
Methylene Chloride
Concen: 1.197 ug/l
RT: 4.622 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY020178.D
Acq: 06 Nov 2024 13:56

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-110424

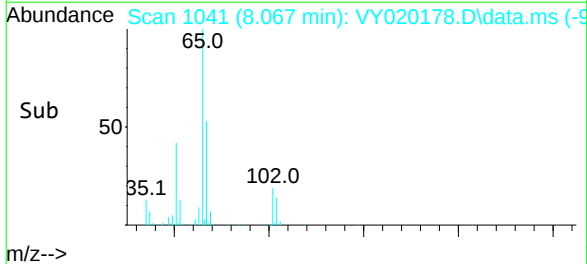
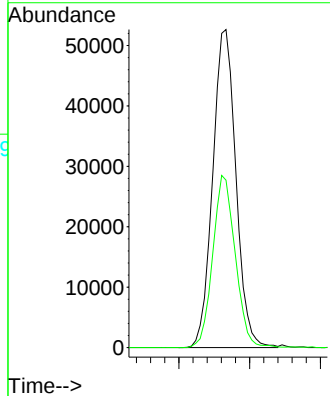
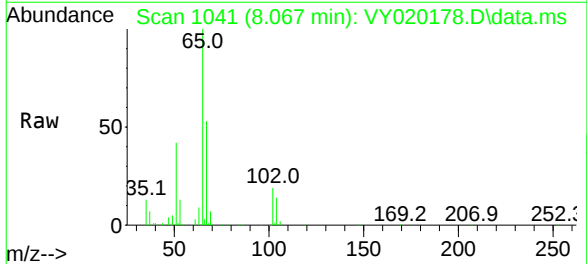


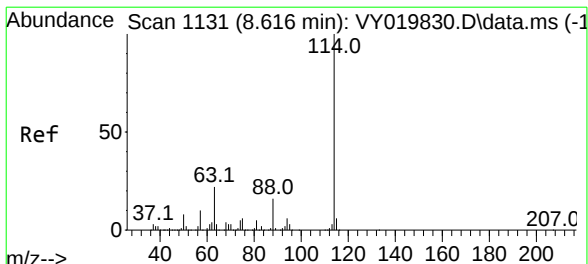
Tgt Ion: 84 Resp: 2559
Ion Ratio Lower Upper
84 100
49 105.5 84.4 126.6
51 27.9 26.0 39.0
86 45.7 49.5 74.3#



#33
1,2-Dichloroethane-d4
Concen: 58.615 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020178.D
Acq: 06 Nov 2024 13:56

Tgt Ion: 65 Resp: 119934
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

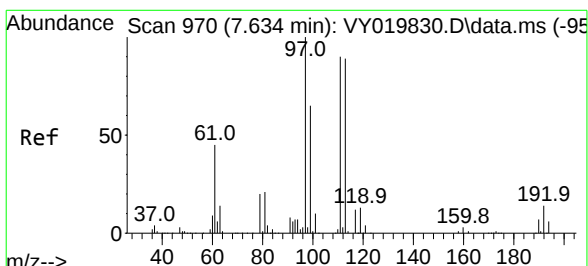
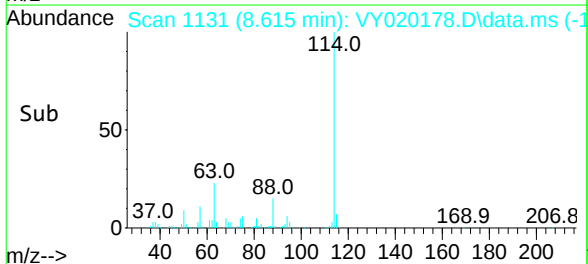
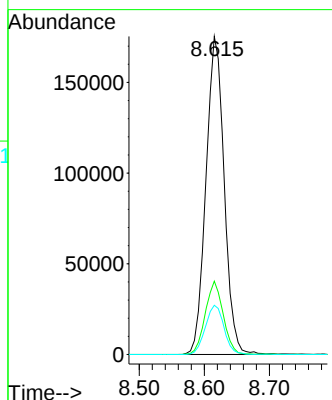
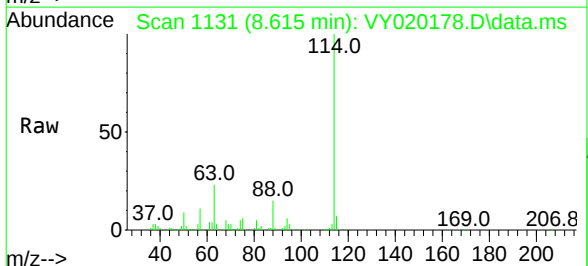




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020178.D
 Acq: 06 Nov 2024 13:56

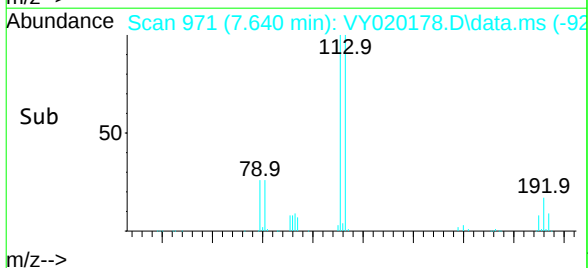
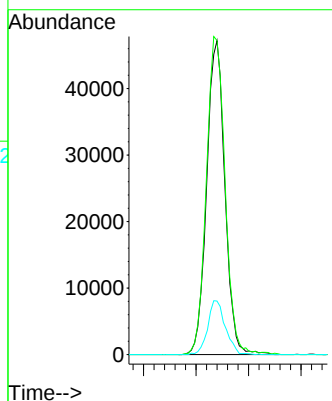
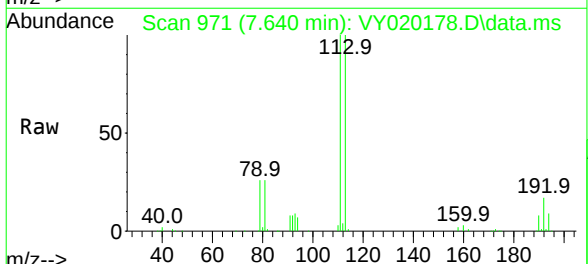
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-110424

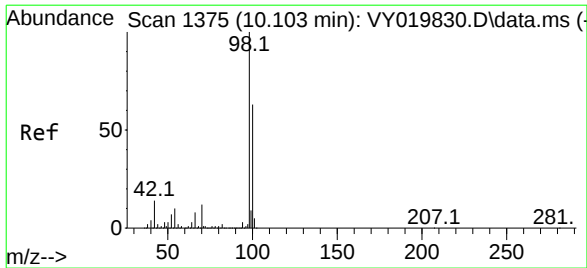
Tgt Ion:	114	Resp:	341570
Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	35.0
88	15.5	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.379 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020178.D
 Acq: 06 Nov 2024 13:56

Tgt Ion:	113	Resp:	113751
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.4
192	16.7	15.9	23.9





#50

Toluene-d8

Concen: 49.536 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020178.D

Acq: 06 Nov 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

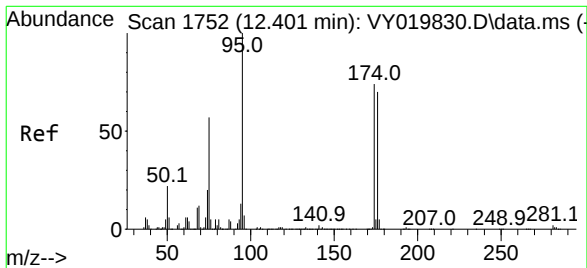
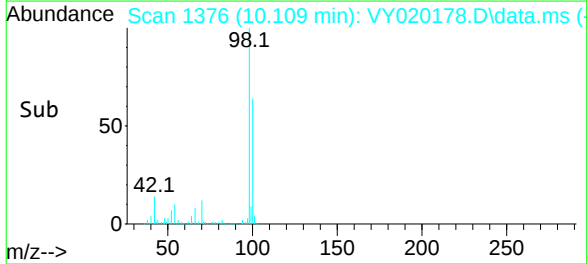
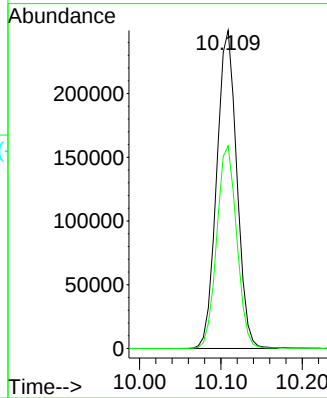
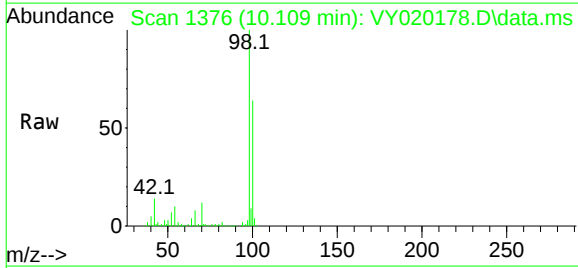
HR-02-110424

Tgt Ion: 98 Resp: 428207

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.966 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020178.D

Acq: 06 Nov 2024 13:56

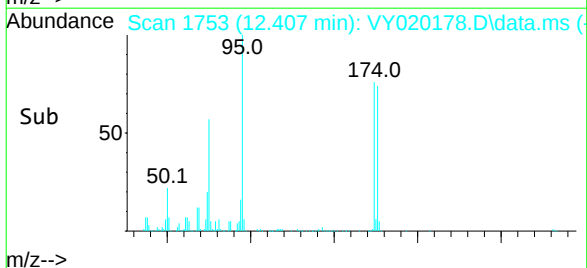
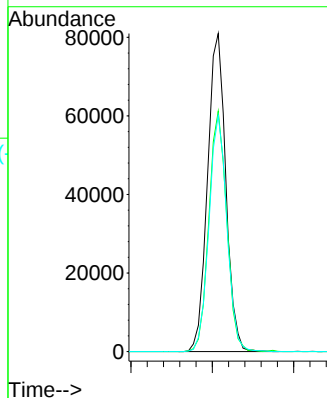
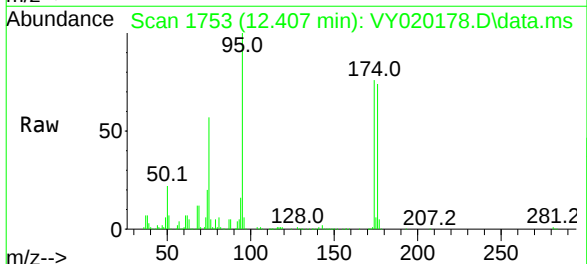
Tgt Ion: 95 Resp: 126254

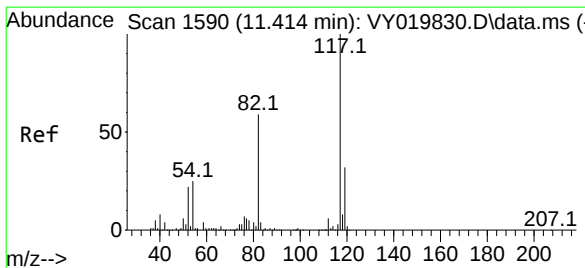
Ion Ratio Lower Upper

95 100

174 73.9 0.0 175.6

176 72.8 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: VY020178.D

Acq: 06 Nov 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-110424

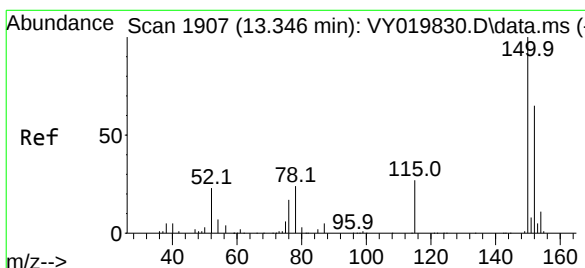
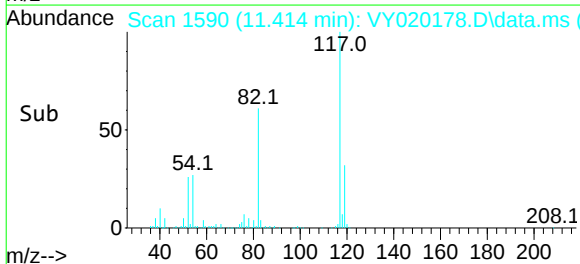
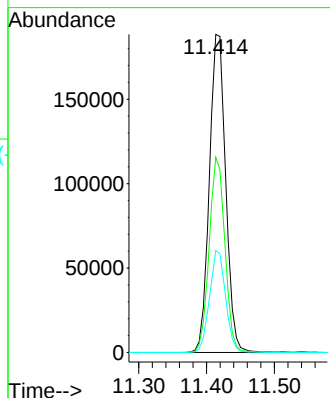
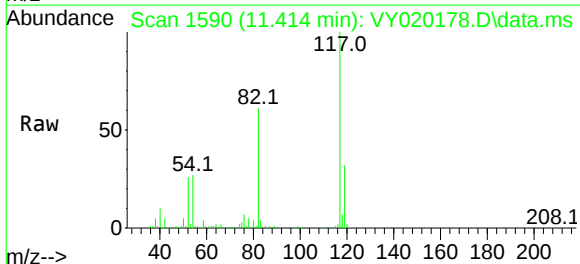
Tgt Ion:117 Resp: 315392

Ion Ratio Lower Upper

117 100

82 61.3 42.4 63.6

119 32.0 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: VY020178.D

Acq: 06 Nov 2024 13:56

Tgt Ion:152 Resp: 109128

Ion Ratio Lower Upper

152 100

115 62.9 28.2 84.7

150 159.3 0.0 345.6

