

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020201.D
 Acq On : 07 Nov 2024 13:00
 Operator : SY/MD
 Sample : P4667-07
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-5-VOC

Quant Time: Nov 07 14:52:18 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)

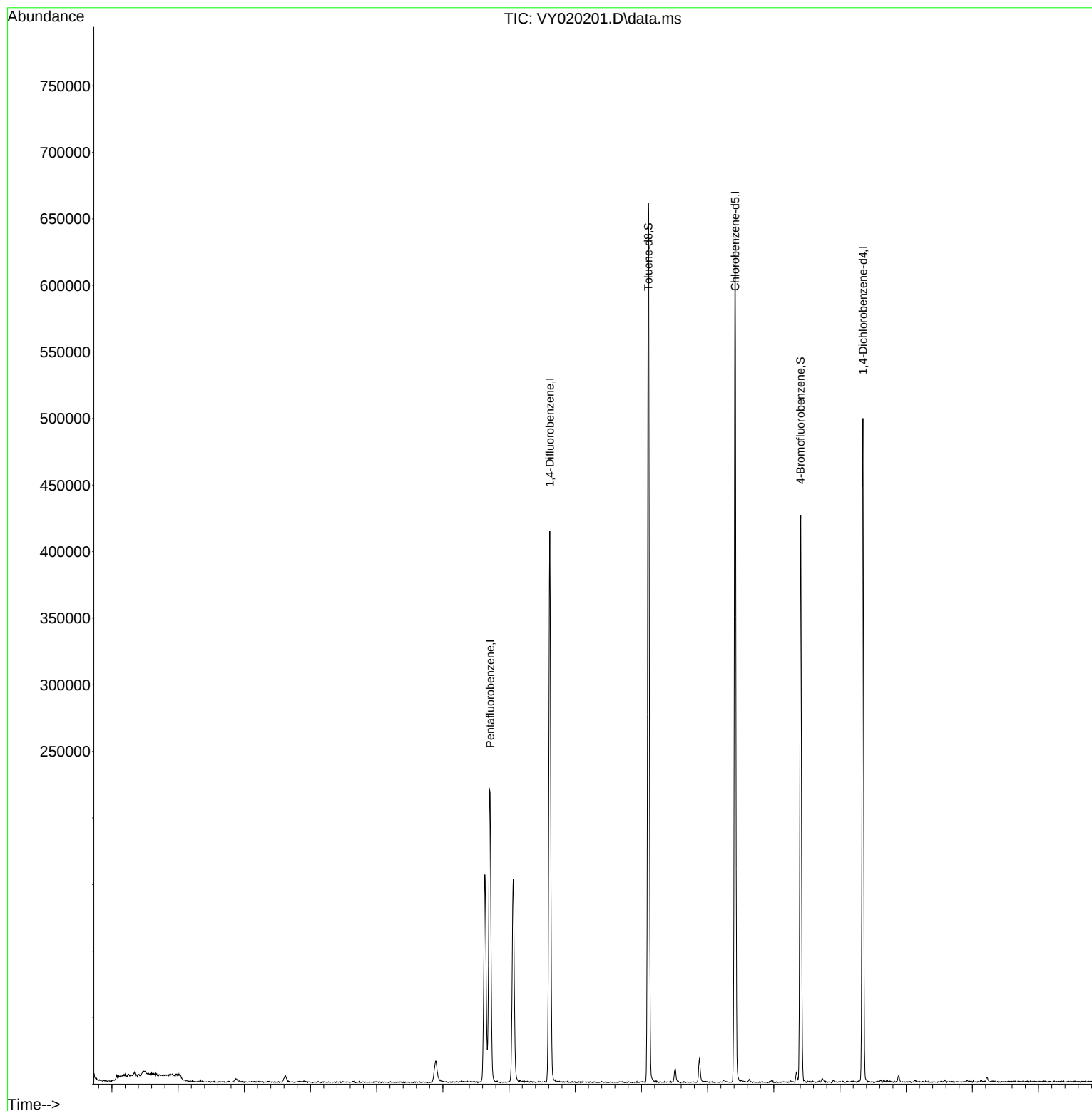
Internal Standards						
1) Pentafluorobenzene	7.713	168	150212	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	325915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	305979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	111677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116485	62.134	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 124.260%		
35) Dibromofluoromethane	7.634	113	108368	52.297	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.600%		
50) Toluene-d8	10.103	98	412981	50.069	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 100.140%		
62) 4-Bromofluorobenzene	12.402	95	127543	47.607	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 95.220%		
Target Compounds						
16) Acetone	3.879	43	4016	9.211	ug/l	Qvalue 89
20) Methylene Chloride	4.623	84	3310	1.690	ug/l	# 77

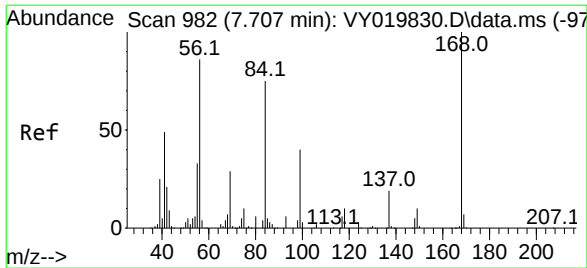
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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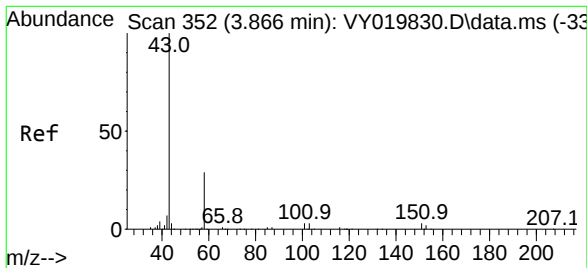
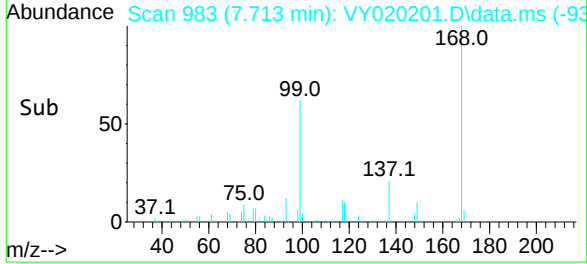
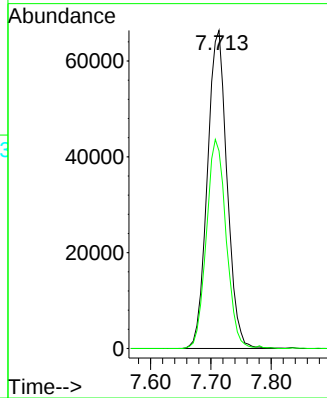
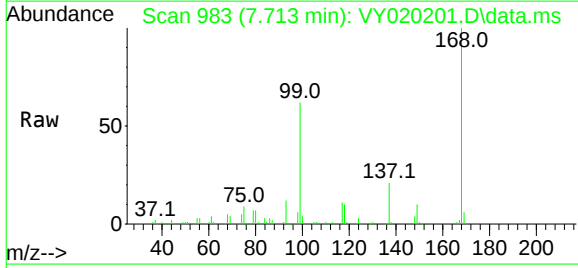




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020201.D
Acq: 07 Nov 2024 13:00

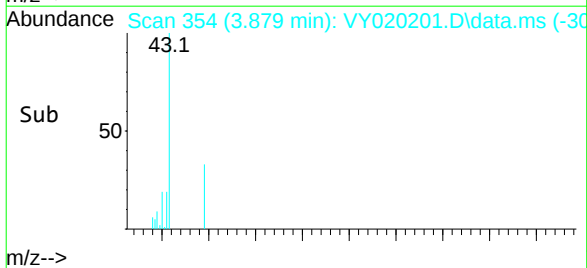
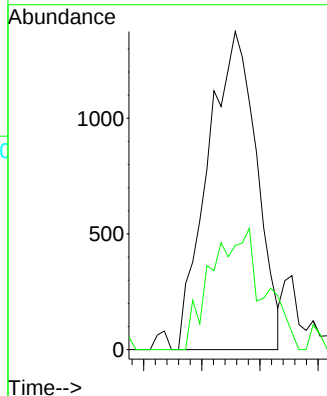
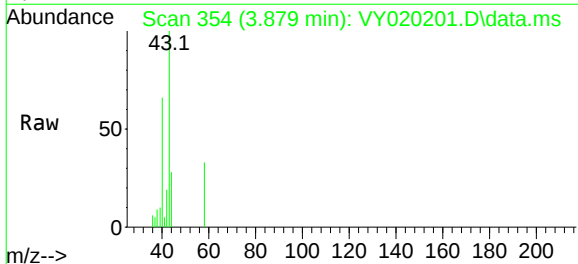
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-5-VOC

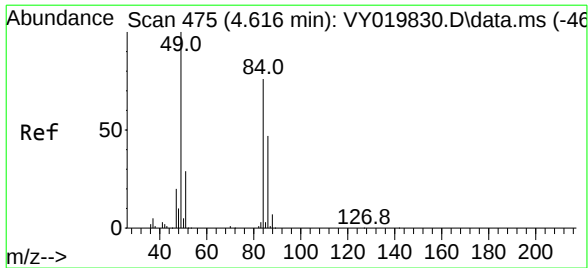
Tgt Ion: 168 Resp: 150212
Ion Ratio Lower Upper
168 100
99 62.1 39.1 58.7#



#16
Acetone
Concen: 9.211 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY020201.D
Acq: 07 Nov 2024 13:00

Tgt Ion: 43 Resp: 4016
Ion Ratio Lower Upper
43 100
58 32.7 31.7 47.5

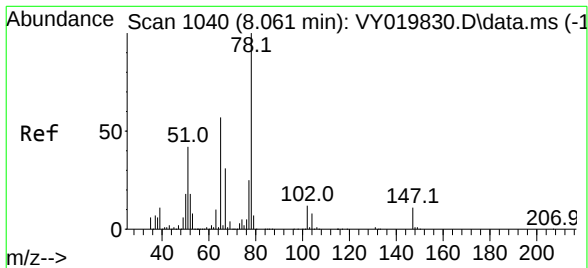
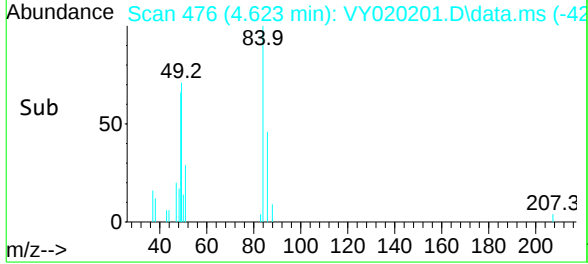
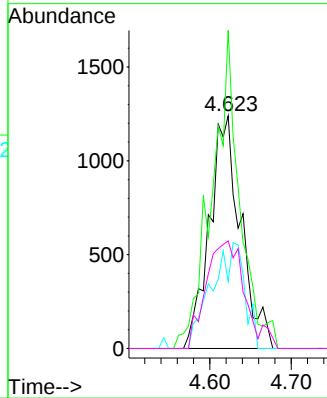
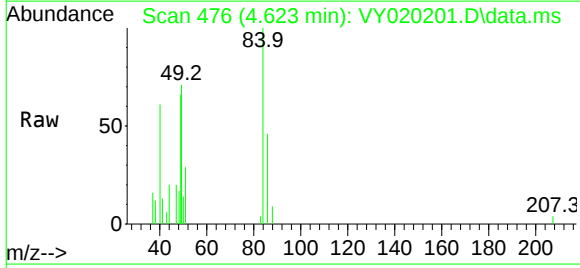




#20
Methylene Chloride
Concen: 1.690 ug/l
RT: 4.623 min Scan# 475
Delta R.T. 0.007 min
Lab File: VY020201.D
Acq: 07 Nov 2024 13:00

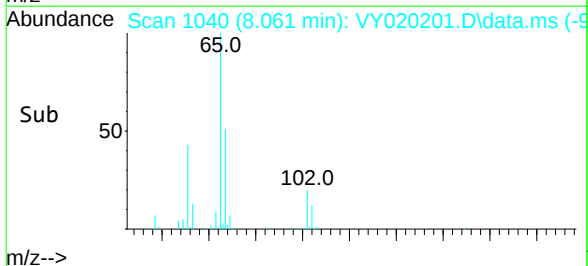
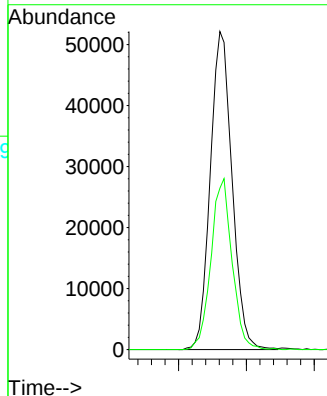
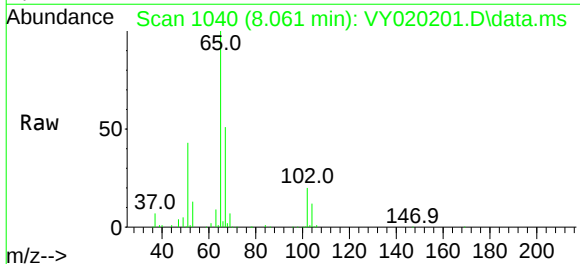
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-5-VOC

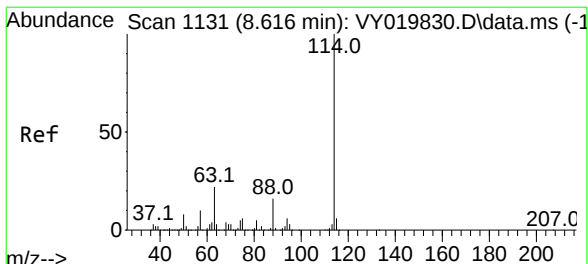
Tgt Ion:	84	Resp:	3310
Ion	Ratio	Lower	Upper
84	100		
49	136.7	84.4	126.6#
51	28.8	26.0	39.0
86	46.2	49.5	74.3#



#33
1,2-Dichloroethane-d4
Concen: 62.134 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020201.D
Acq: 07 Nov 2024 13:00

Tgt Ion:	65	Resp:	116485
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	109.6

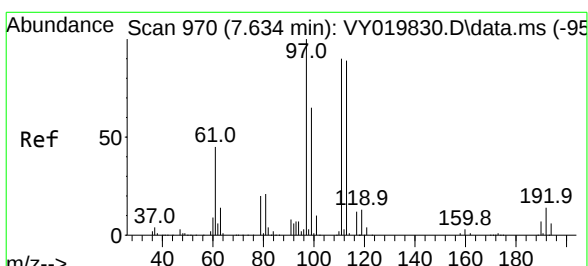
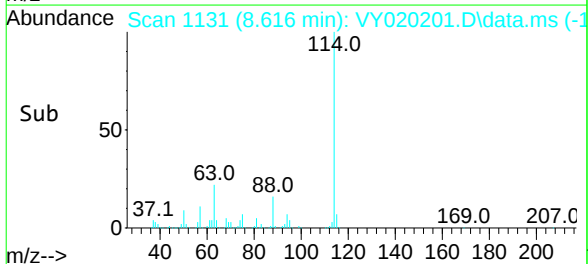
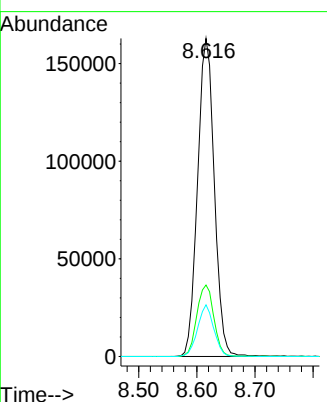
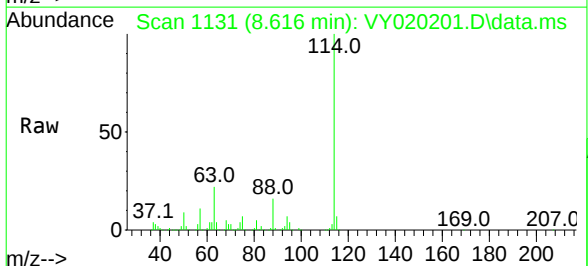




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020201.D
 Acq: 07 Nov 2024 13:00

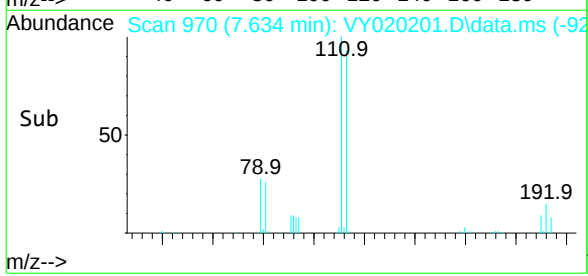
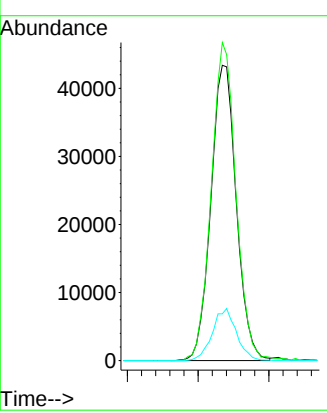
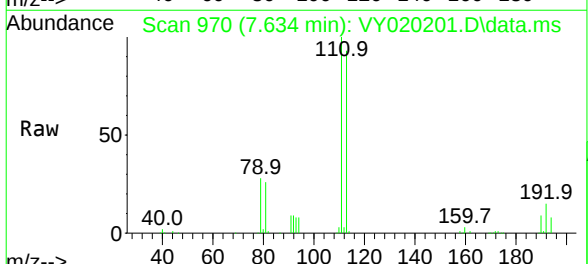
Instrument :
 MSVOA_Y
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 BP-F-5-VOC

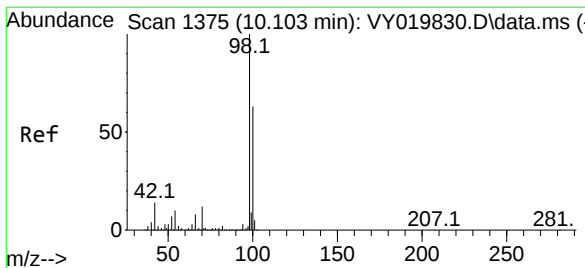
Tgt Ion:	114	Resp:	325915
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	35.0
88	16.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.297 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020201.D
 Acq: 07 Nov 2024 13:00

Tgt Ion:	113	Resp:	108368
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.2	123.4
192	16.7	15.9	23.9





#50

Toluene-d8

Concen: 50.069 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020201.D

Acq: 07 Nov 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

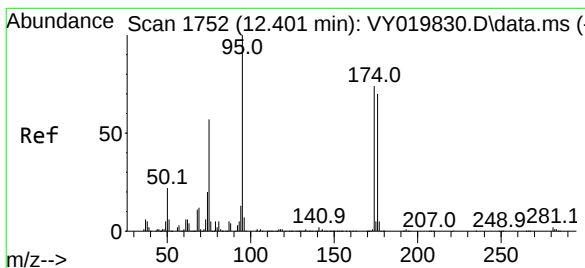
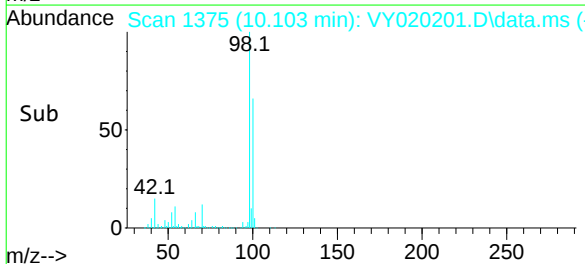
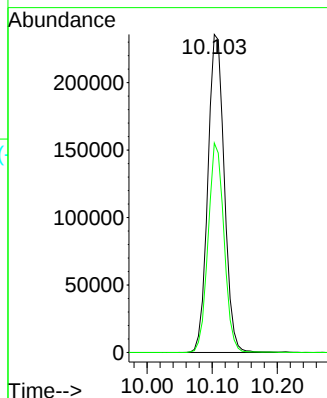
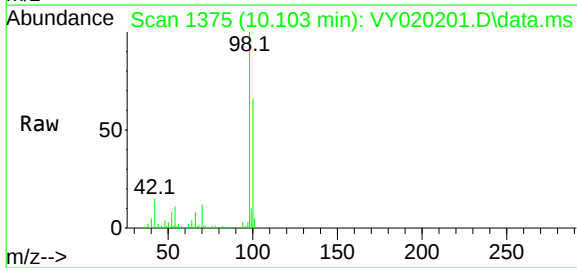
BP-F-5-VOC

Tgt Ion: 98 Resp: 412981

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.607 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020201.D

Acq: 07 Nov 2024 13:00

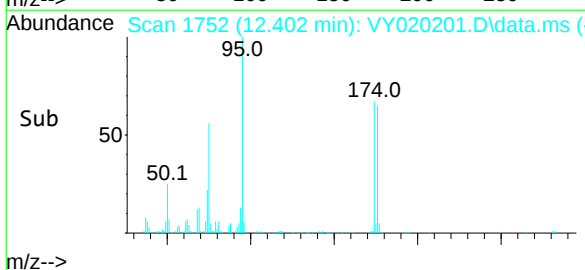
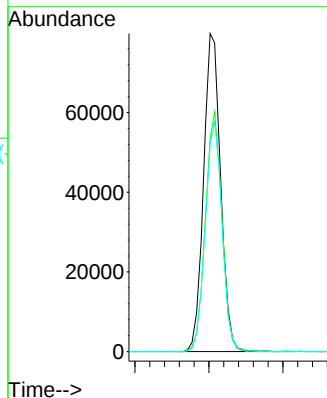
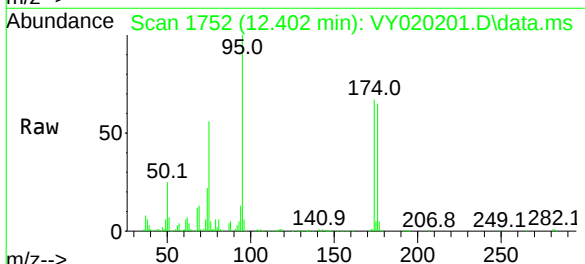
Tgt Ion: 95 Resp: 127543

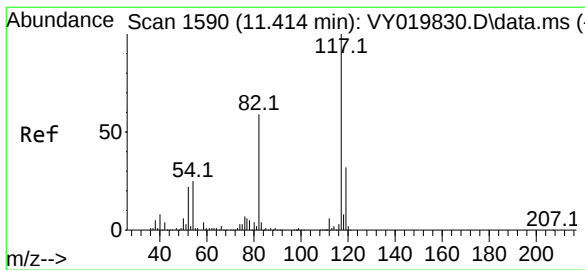
Ion Ratio Lower Upper

95 100

174 73.4 0.0 175.6

176 71.1 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: VY020201.D

Acq: 07 Nov 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

BP-F-5-VOC

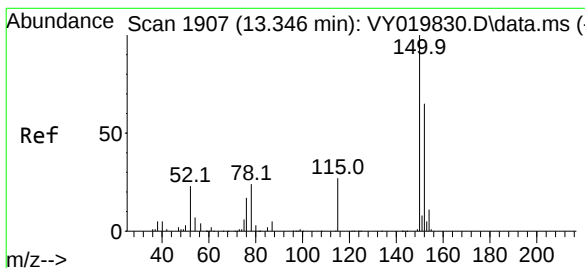
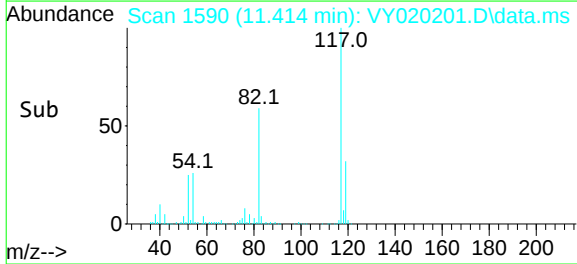
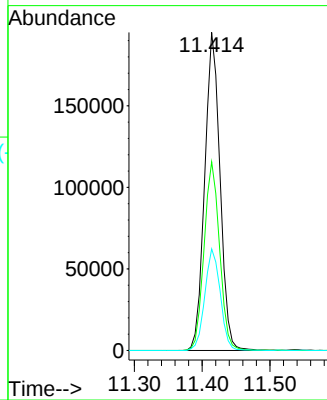
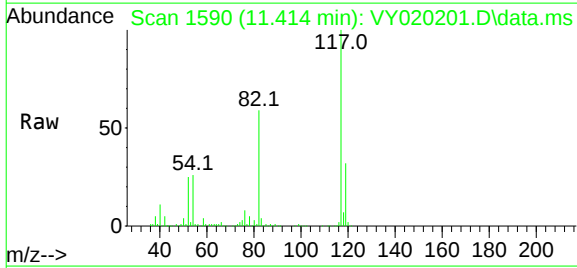
Tgt Ion:117 Resp: 305979

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020201.D

Acq: 07 Nov 2024 13:00

Tgt Ion:152 Resp: 111677

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 154.8 0.0 345.6

