

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020165.D
 Acq On : 05 Nov 2024 14:32
 Operator : SY/MD
 Sample : P4701-07
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F4-VOC

Quant Time: Nov 06 00:25:53 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)

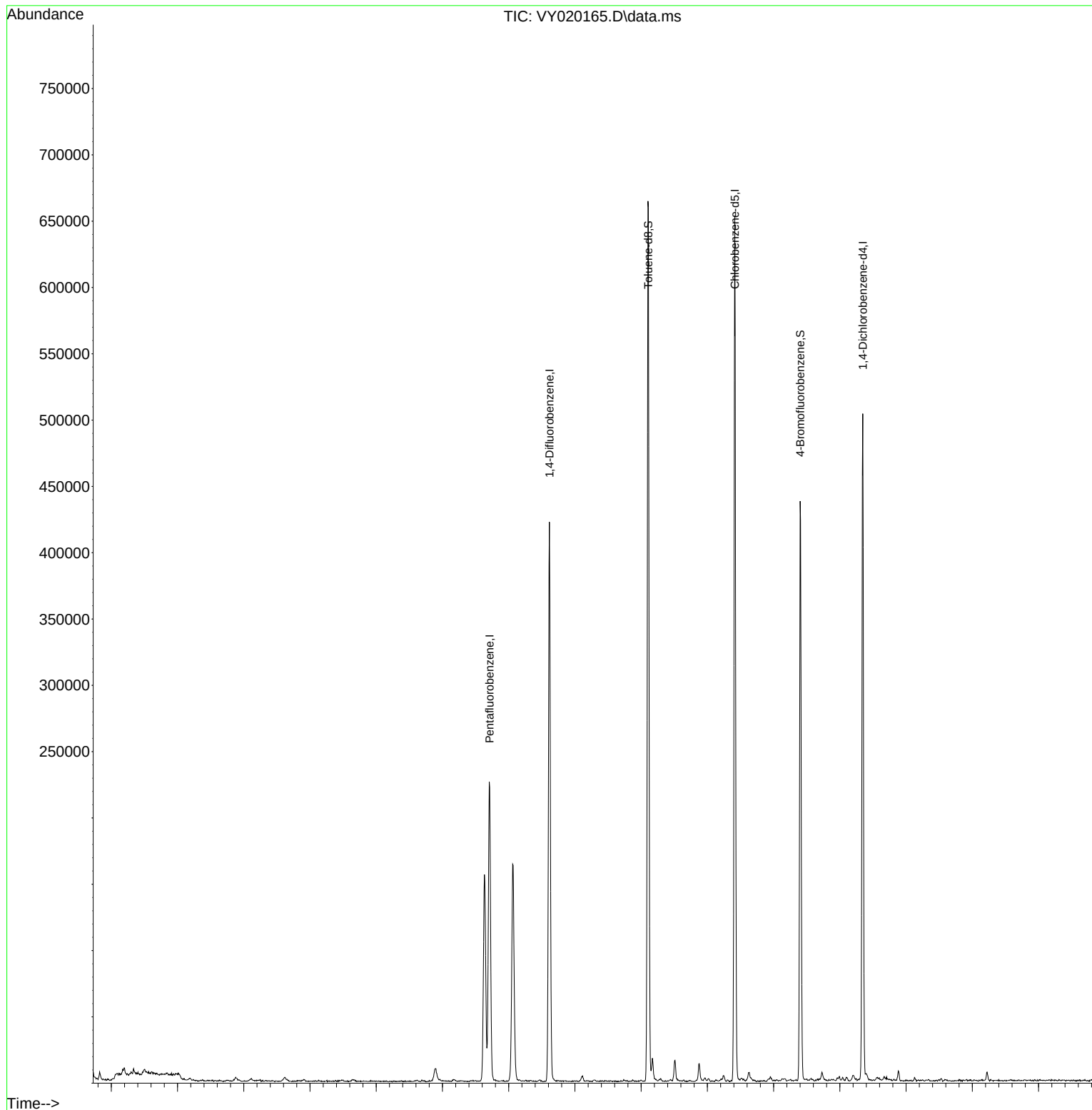
Internal Standards						
1) Pentafluorobenzene	7.713	168	156198	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	331723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	310215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	112297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114854	58.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.840%
35) Dibromofluoromethane	7.634	113	108957	51.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.320%
50) Toluene-d8	10.109	98	417902	49.779	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.401	95	125292	45.948	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.900%
Target Compounds						
40) Benzene	8.079	78	22337	2.349	ug/l	Qvalue 95

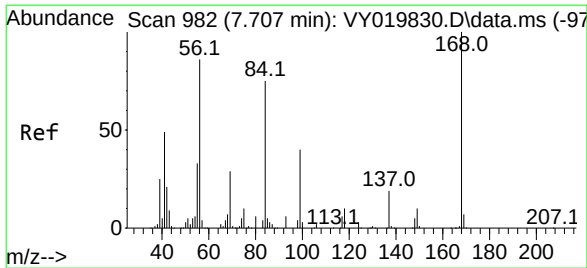
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
Data File : VY020165.D
Acq On : 05 Nov 2024 14:32
Operator : SY/MD
Sample : P4701-07
Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-F4-VOC

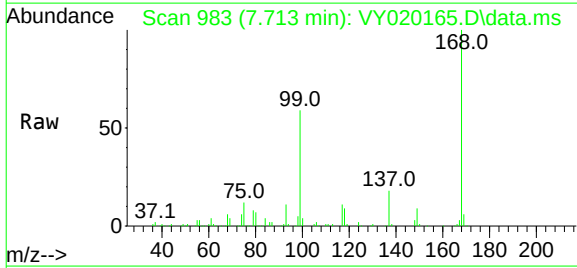
Quant Time: Nov 06 00:25:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration



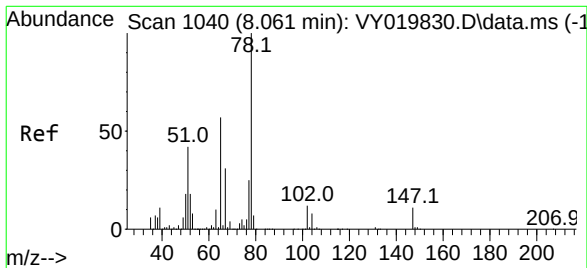
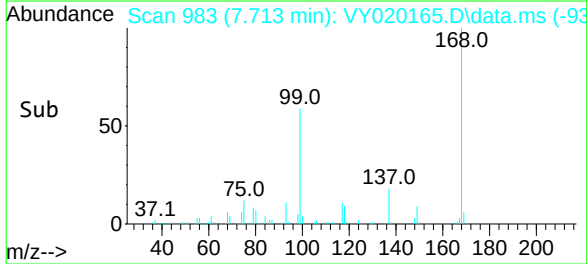
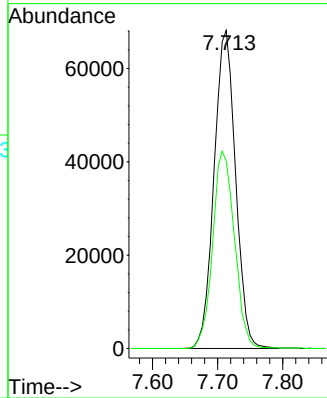


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :
BP-F4-VOC

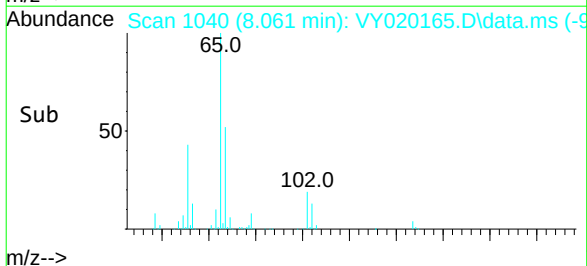
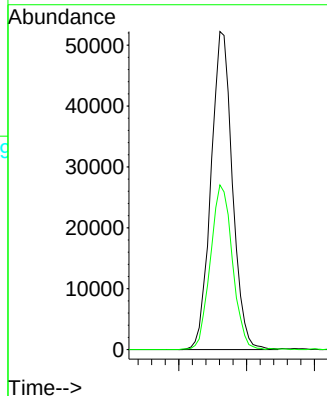
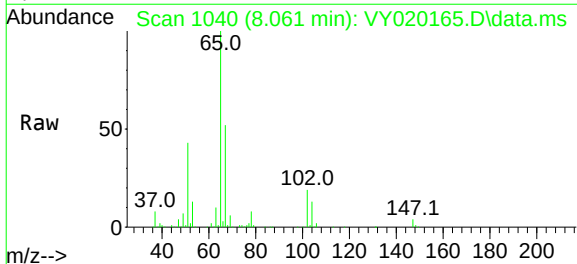


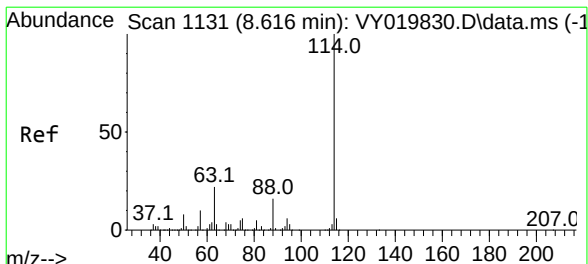
Tgt Ion:168 Resp: 156198
Ion Ratio Lower Upper
168 100
99 58.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.916 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

Tgt Ion: 65 Resp: 114854
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6

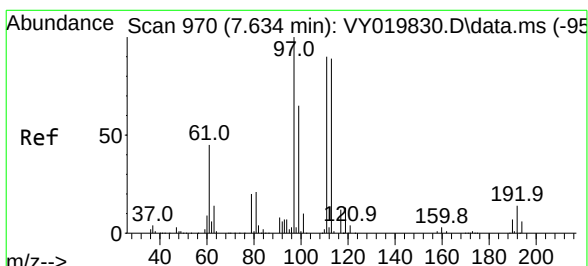
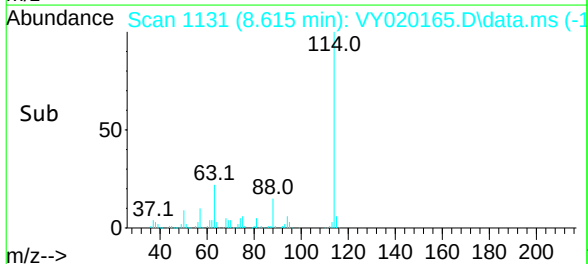
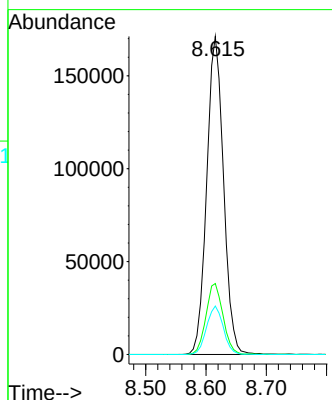
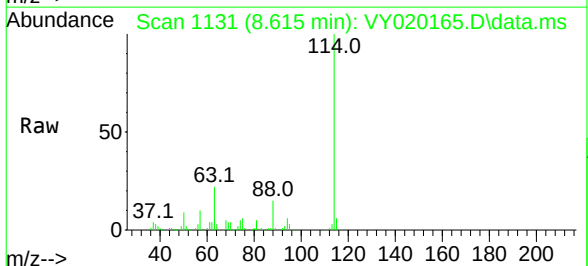




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020165.D
 Acq: 05 Nov 2024 14:32

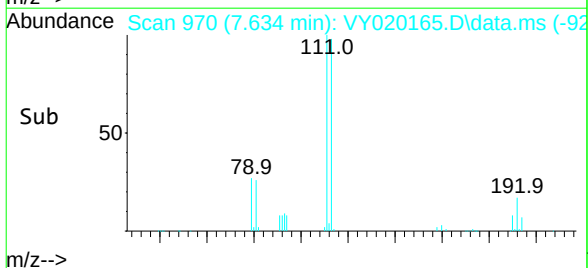
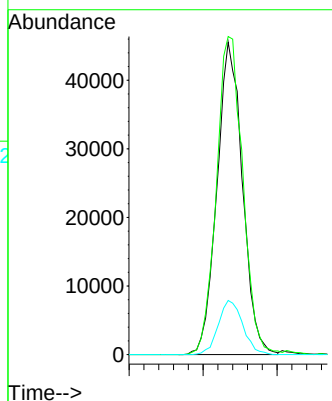
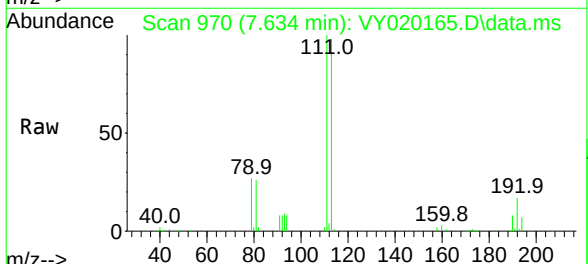
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F4-VOC

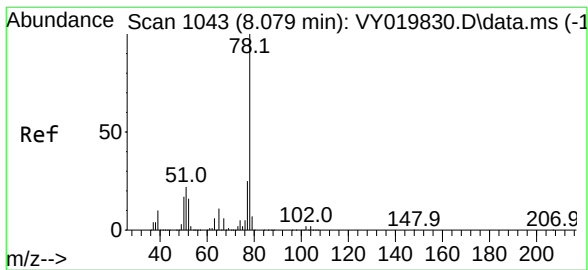
Tgt Ion:	114	Resp:	331723
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	35.0
88	15.2	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 51.661 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020165.D
 Acq: 05 Nov 2024 14:32

Tgt Ion:	113	Resp:	108957
Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.2	123.4
192	16.7	15.9	23.9





#40

Benzene

Concen: 2.349 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020165.D

Acq: 05 Nov 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

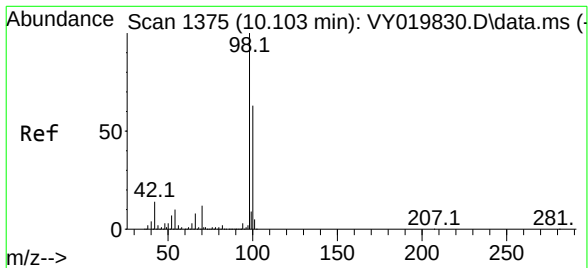
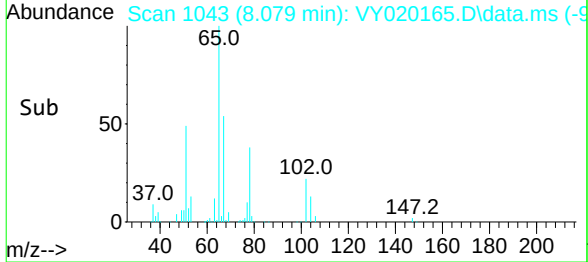
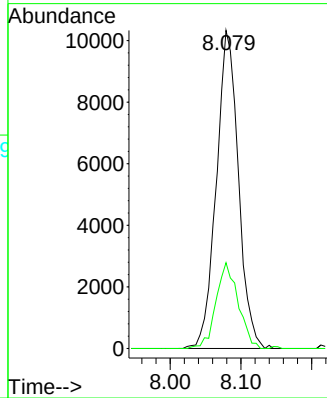
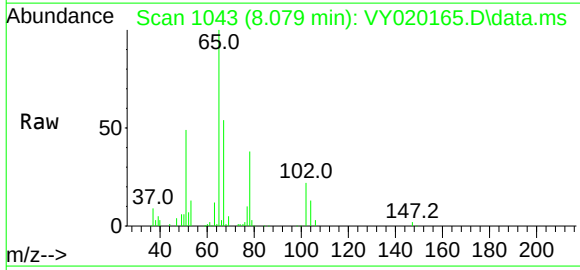
BP-F4-VOC

Tgt Ion: 78 Resp: 22337

Ion Ratio Lower Upper

78 100

77 27.0 19.5 29.3



#50

Toluene-d8

Concen: 49.779 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020165.D

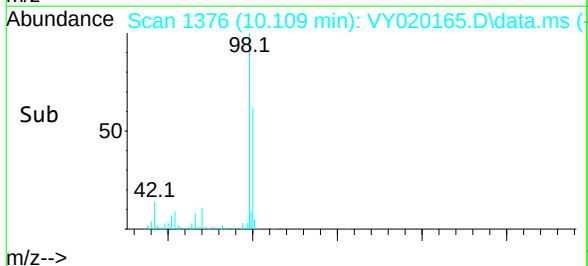
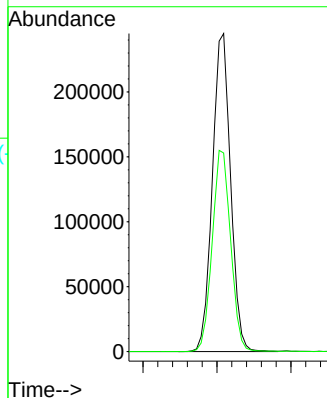
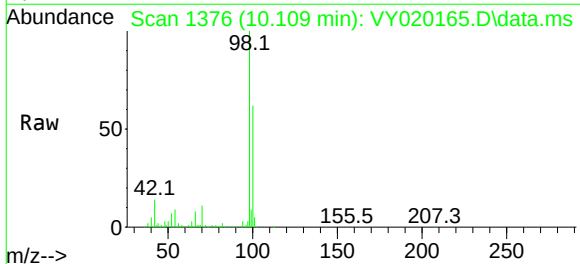
Acq: 05 Nov 2024 14:32

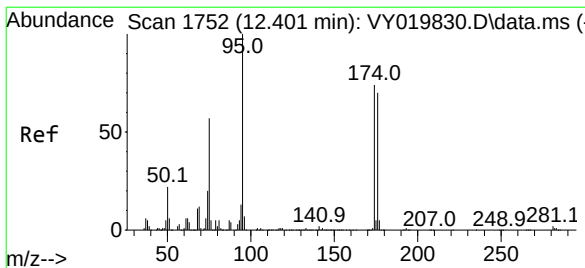
Tgt Ion: 98 Resp: 417902

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 45.948 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020165.D

Acq: 05 Nov 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

BP-F4-VOC

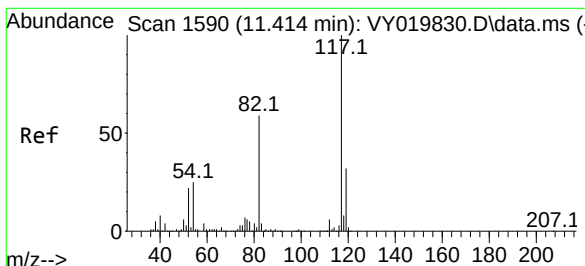
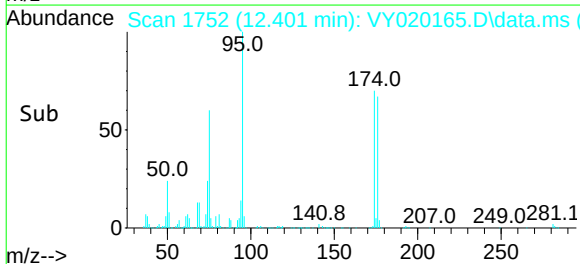
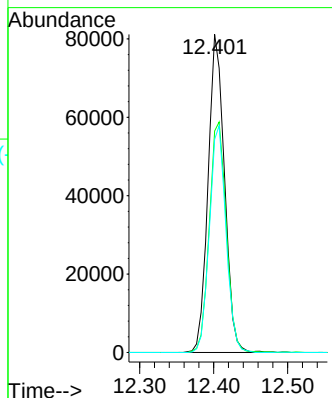
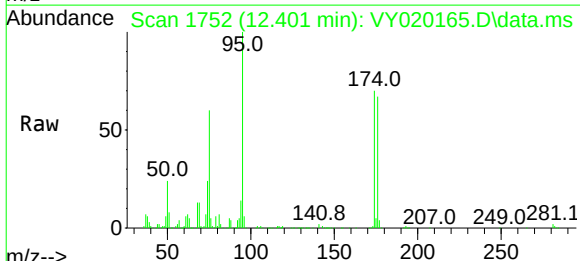
Tgt Ion: 95 Resp: 125292

Ion Ratio Lower Upper

95 100

174 75.1 0.0 175.6

176 71.5 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: VY020165.D

Acq: 05 Nov 2024 14:32

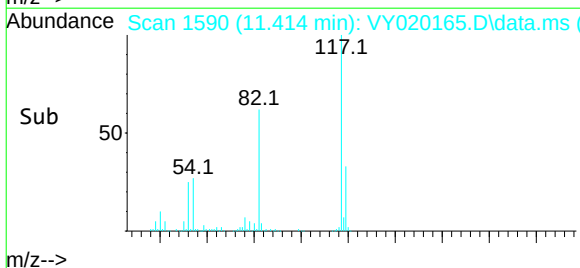
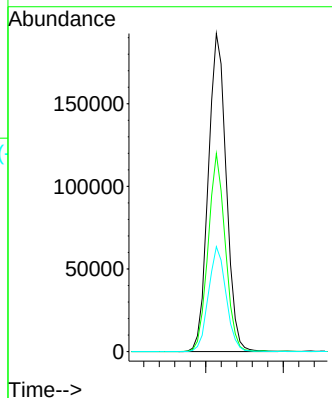
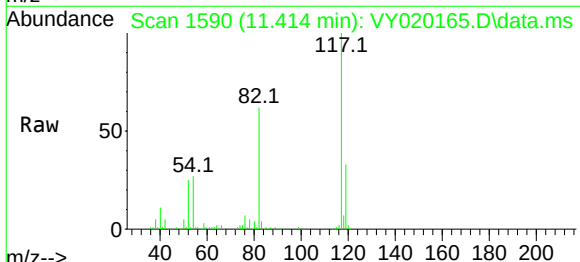
Tgt Ion: 117 Resp: 310215

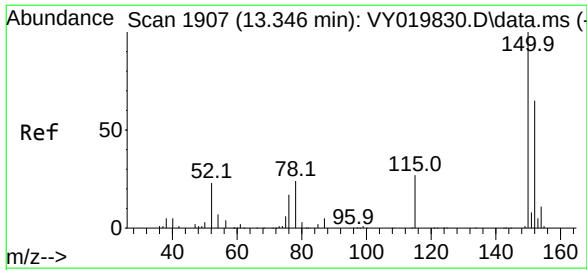
Ion Ratio Lower Upper

117 100

82 62.3 42.4 63.6

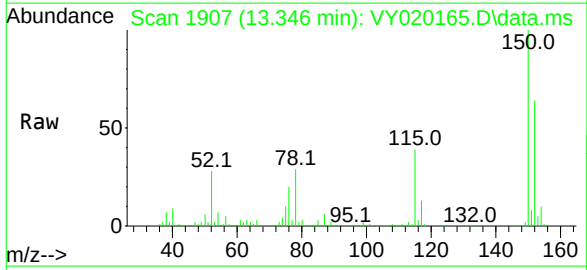
119 33.0 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020165.D
Acq: 05 Nov 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :
BP-F4-VOC



Tgt Ion:	152	Resp:	112297
Ion	Ratio	Lower	Upper
152	100		
115	61.9	28.2	84.7
150	157.6	0.0	345.6

