

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020214.D
 Acq On : 07 Nov 2024 18:04
 Operator : SY/MD
 Sample : P4739-07
 Misc : 4.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-G2-VOC

Quant Time: Nov 08 00:31:00 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)

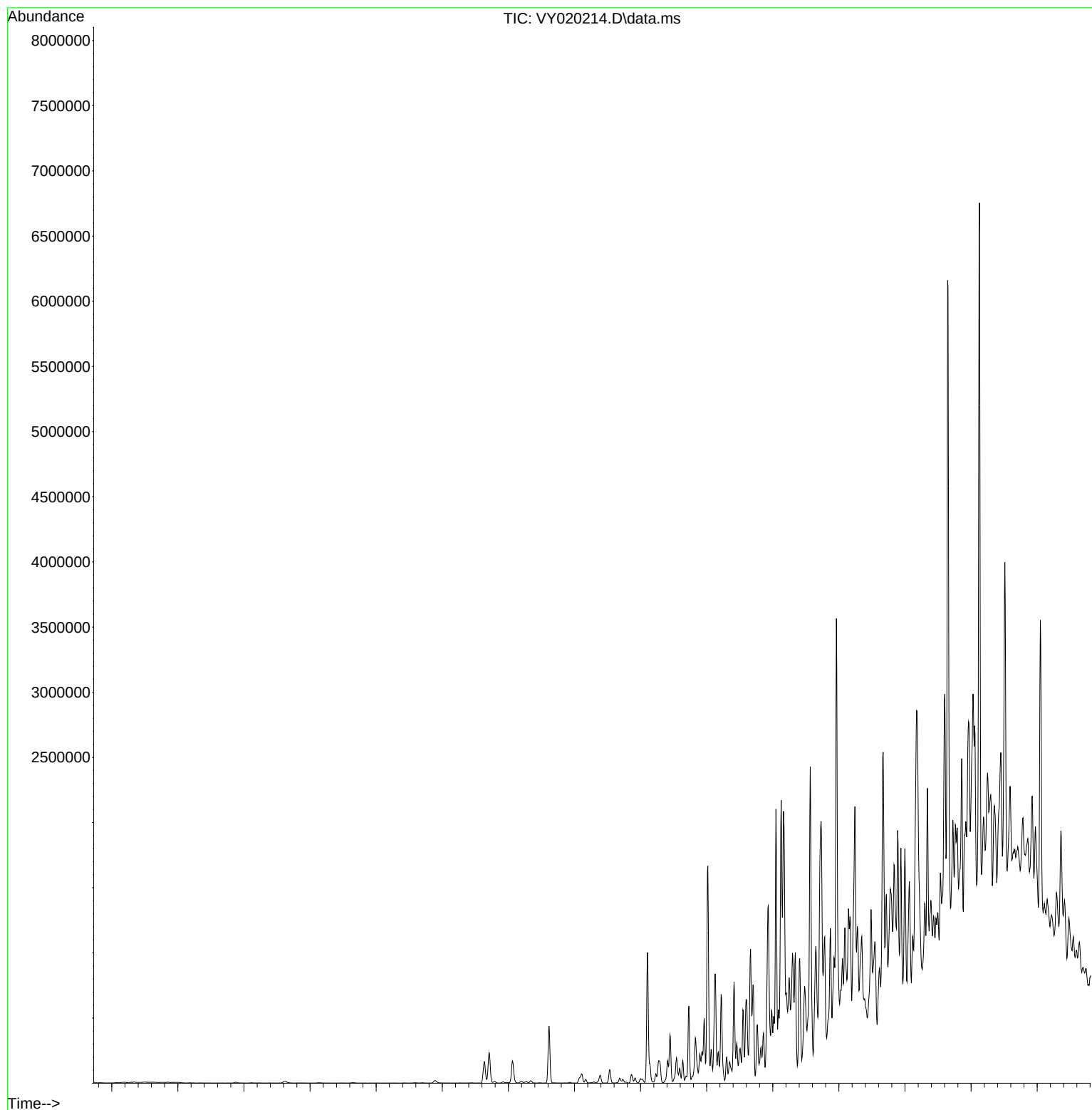
Internal Standards						
1) Pentafluorobenzene	7.713	168	157154	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	340661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	345228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	158032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123635	63.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.060%	
35) Dibromofluoromethane	7.640	113	115819	53.474	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.940%	
50) Toluene-d8	10.103	98	456320	52.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.860%	
62) 4-Bromofluorobenzene	12.402	95	185323	66.179	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 132.360%	
Target Compounds						
16) Acetone	3.873	43	12104	26.536	ug/l	# 85
39) Methylcyclohexane	9.110	83	25740	6.062	ug/l	# 86
73) Isopropylbenzene	12.255	105	116619	9.238	ug/l	97
78) n-propylbenzene	12.591	91	142443	9.066	ug/l	94
83) tert-Butylbenzene	12.993	119	67337	7.598	ug/l	84
85) sec-Butylbenzene	13.176	105	210791	15.493	ug/l	78
89) n-Butylbenzene	13.615	91	110291	10.077	ug/l	94

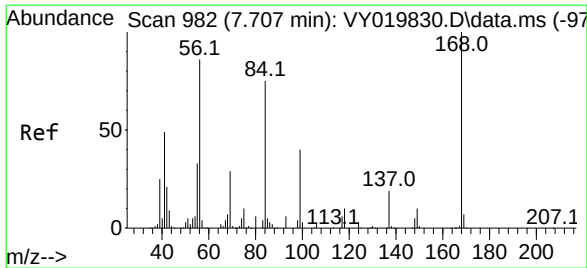
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 31 15:23:13 2024
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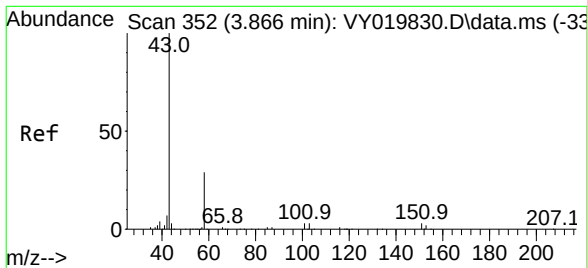
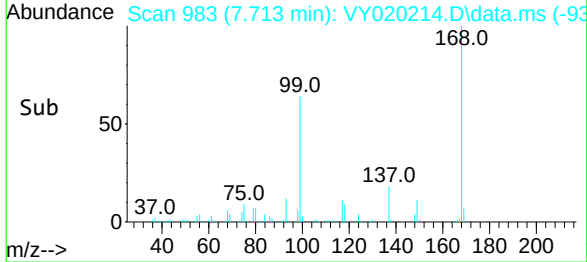
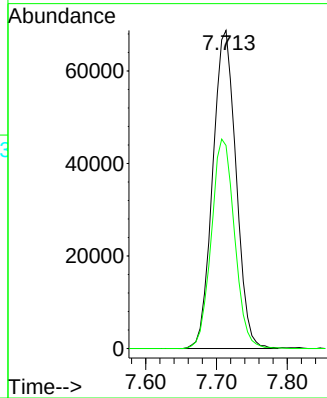
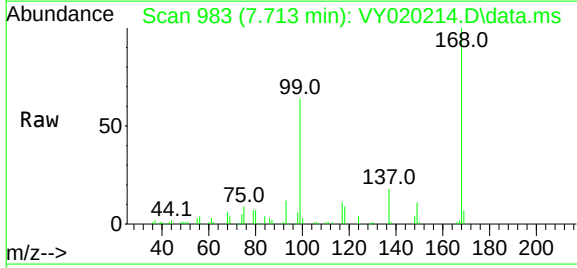




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020214.D
Acq: 07 Nov 2024 18:04

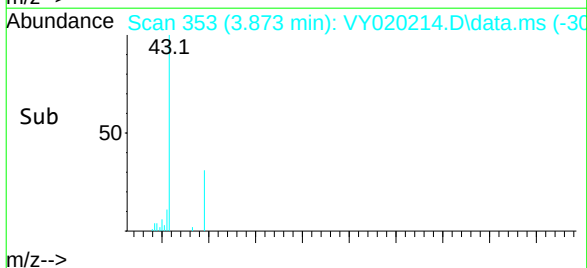
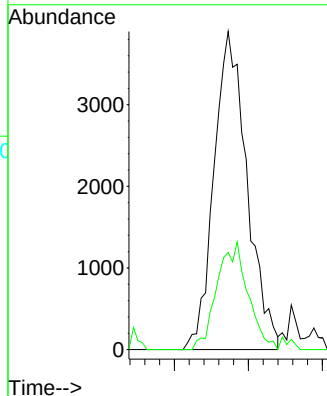
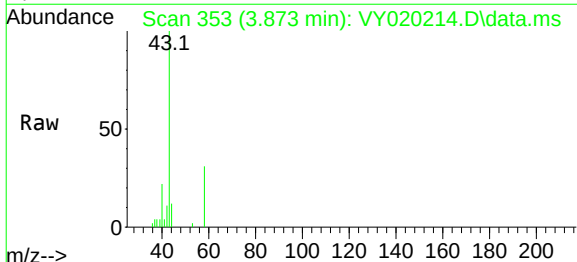
Instrument :
MSVOA_Y
ClientSampleId :
BP-G2-VOC

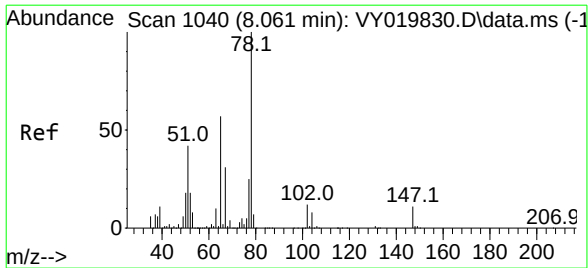
Tgt Ion:168 Resp: 157154
Ion Ratio Lower Upper
168 100
99 63.8 39.1 58.7#



#16
Acetone
Concen: 26.536 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020214.D
Acq: 07 Nov 2024 18:04

Tgt Ion: 43 Resp: 12104
Ion Ratio Lower Upper
43 100
58 30.5 31.7 47.5#

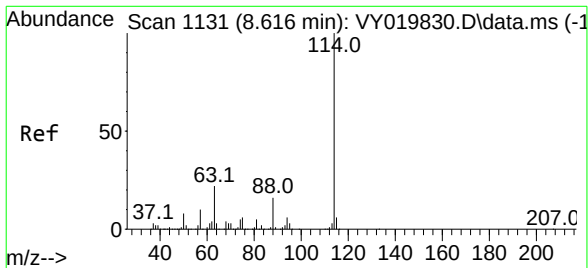
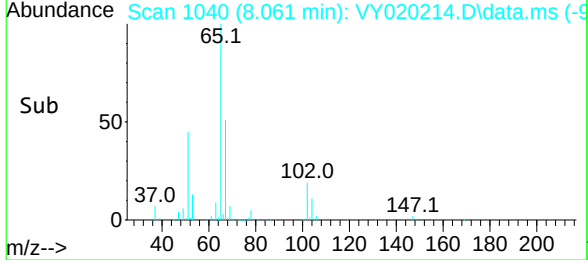
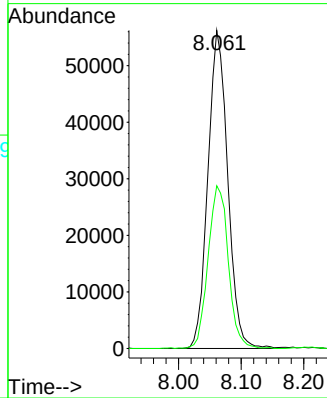
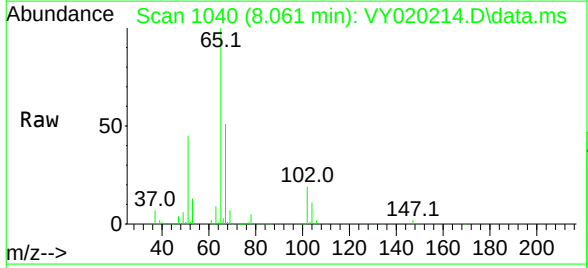




#33
1,2-Dichloroethane-d4
Concen: 63.035 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020214.D
Acq: 07 Nov 2024 18:04

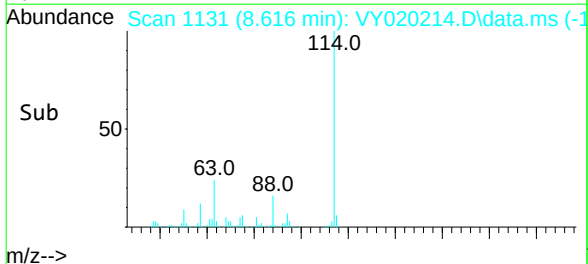
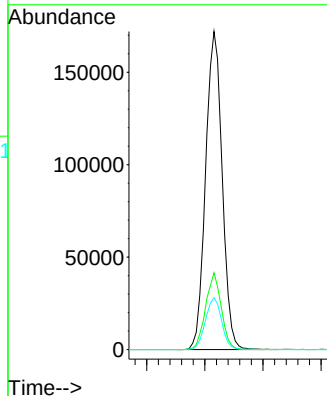
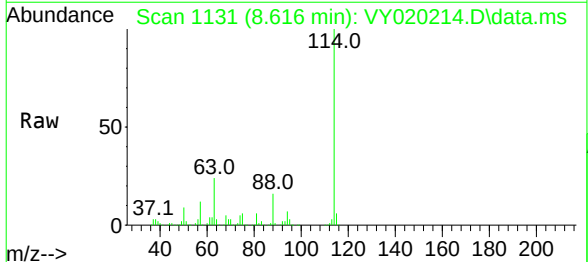
Instrument :
MSVOA_Y
ClientSampleId :
BP-G2-VOC

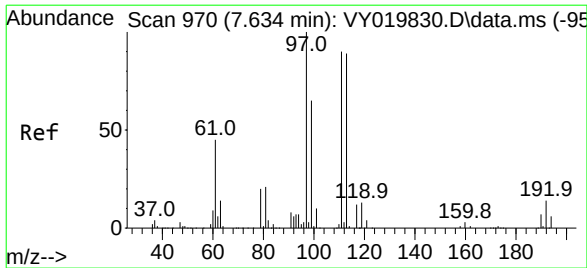
Tgt Ion: 65 Resp: 123635
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020214.D
Acq: 07 Nov 2024 18:04

Tgt Ion: 114 Resp: 340661
Ion Ratio Lower Upper
114 100
63 24.1 0.0 35.0
88 16.3 0.0 27.2

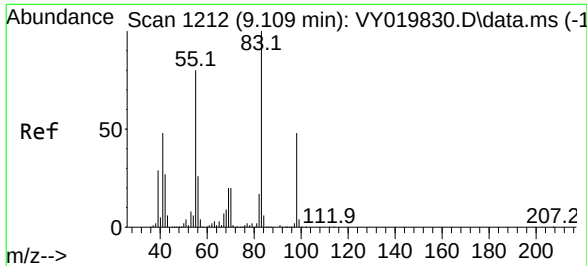
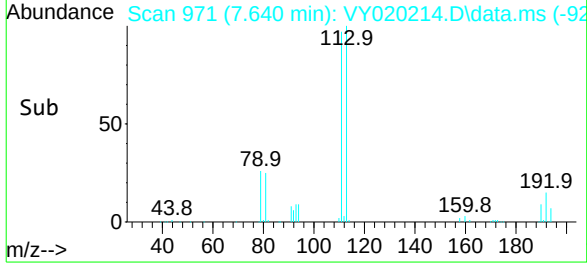
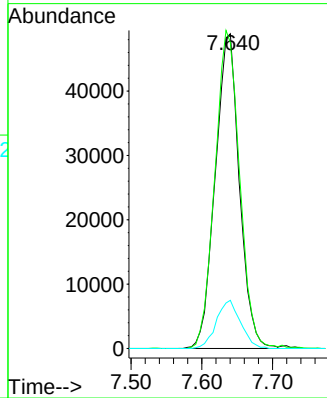
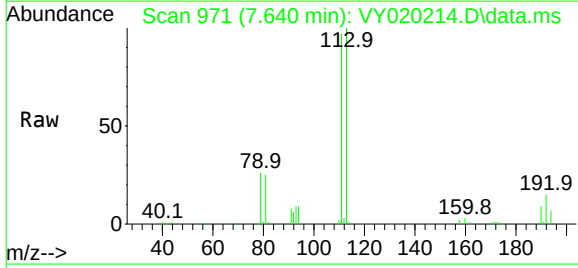




#35
Dibromofluoromethane
Concen: 53.474 ug/l
RT: 7.640 min Scan# 97
Delta R.T. 0.007 min
Lab File: VY020214.D
Acq: 07 Nov 2024 18:04

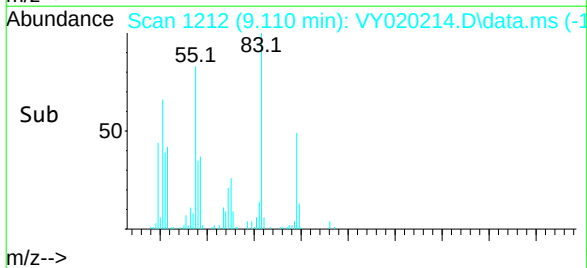
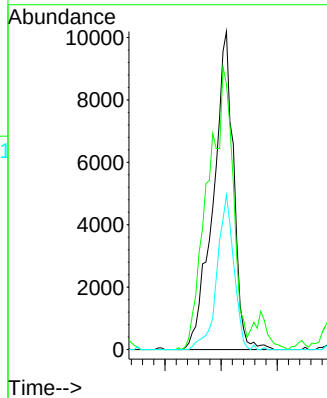
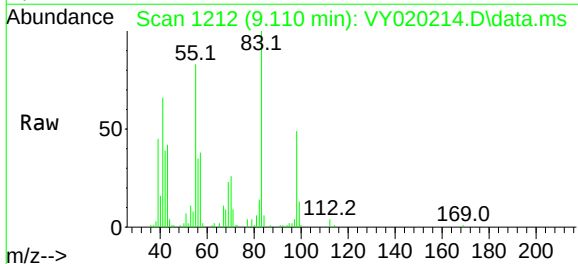
Instrument :
MSVOA_Y
ClientSampleId :
BP-G2-VOC

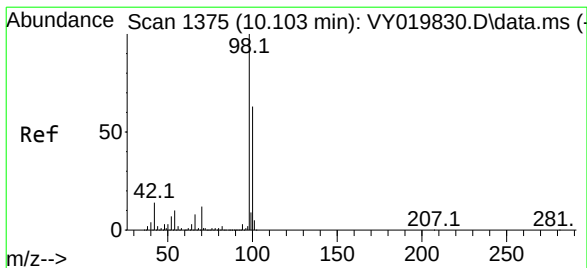
Tgt Ion:113 Resp: 115819
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 15.4 15.9 23.9#



#39
Methylcyclohexane
Concen: 6.062 ug/l
RT: 9.110 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY020214.D
Acq: 07 Nov 2024 18:04

Tgt Ion: 83 Resp: 25740
Ion Ratio Lower Upper
83 100
55 82.9 51.5 77.3#
98 48.6 40.5 60.7





#50

Toluene-d8

Concen: 52.929 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020214.D

Acq: 07 Nov 2024 18:04

Instrument :

MSVOA_Y

ClientSampleId :

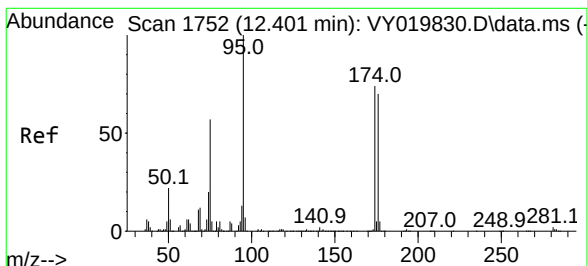
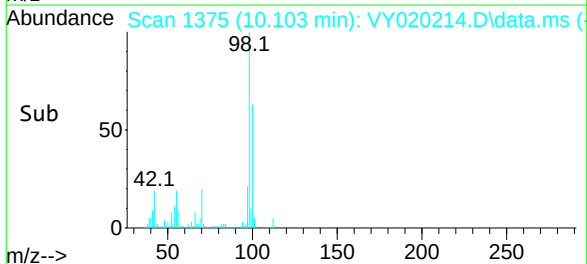
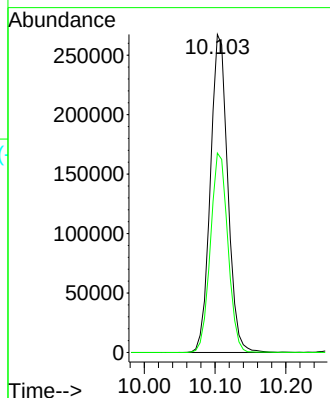
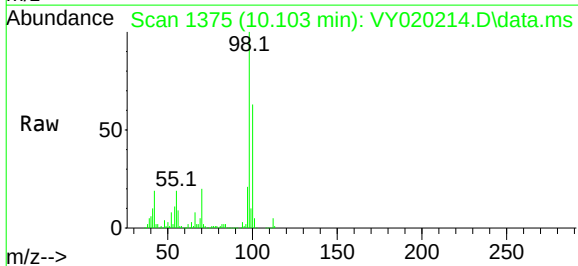
BP-G2-VOC

Tgt Ion: 98 Resp: 456320

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 66.179 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020214.D

Acq: 07 Nov 2024 18:04

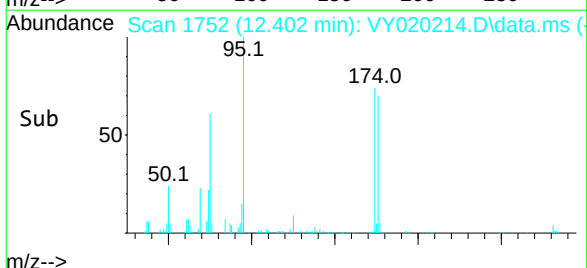
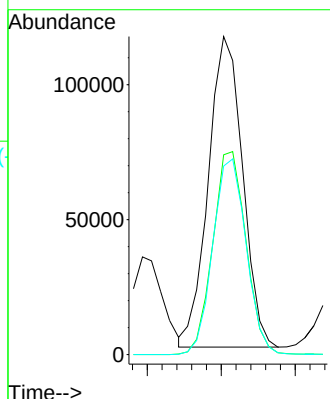
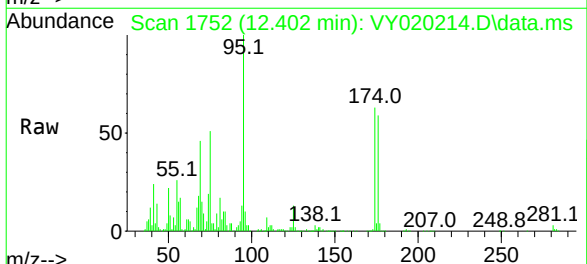
Tgt Ion: 95 Resp: 185323

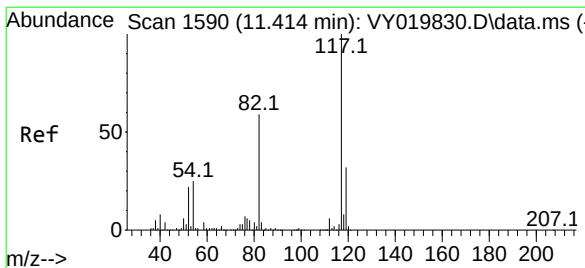
Ion Ratio Lower Upper

95 100

174 63.4 0.0 175.6

176 61.3 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: VY020214.D

Acq: 07 Nov 2024 18:04

Instrument :

MSVOA_Y

ClientSampleId :

BP-G2-VOC

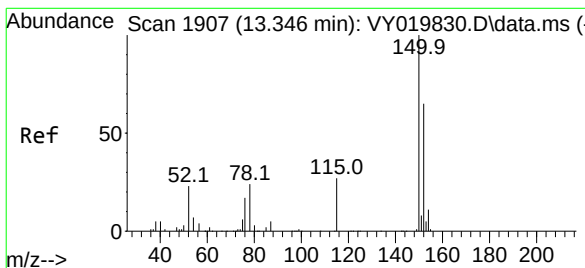
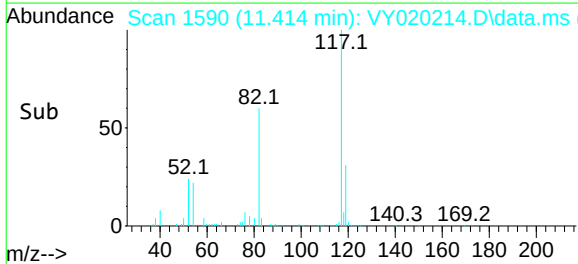
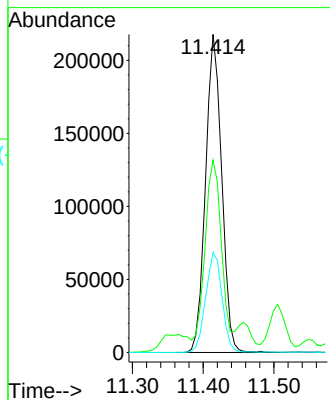
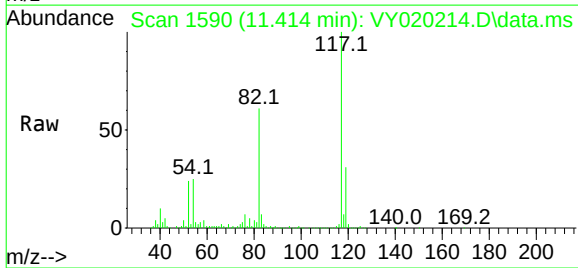
Tgt Ion:117 Resp: 345228

Ion Ratio Lower Upper

117 100

82 54.9 42.4 63.6

119 31.4 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: VY020214.D

Acq: 07 Nov 2024 18:04

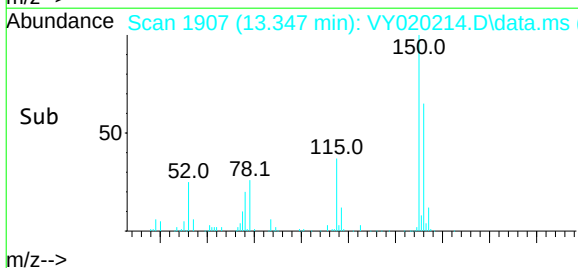
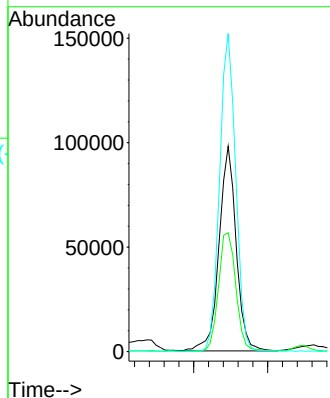
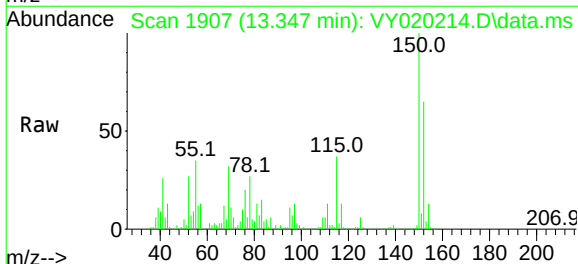
Tgt Ion:152 Resp: 158032

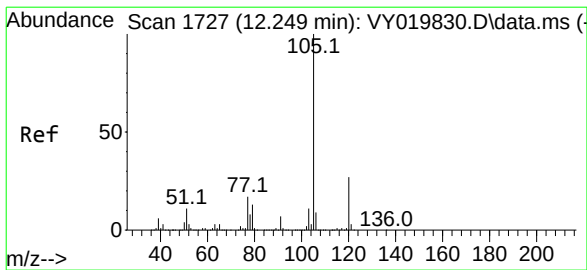
Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 145.8 0.0 345.6





#73

Isopropylbenzene

Concen: 9.238 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY020214.D

Acq: 07 Nov 2024 18:04

Instrument :

MSVOA_Y

ClientSampleId :

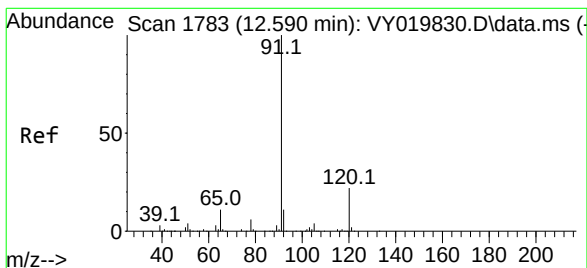
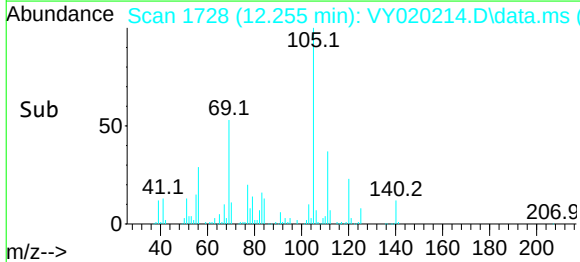
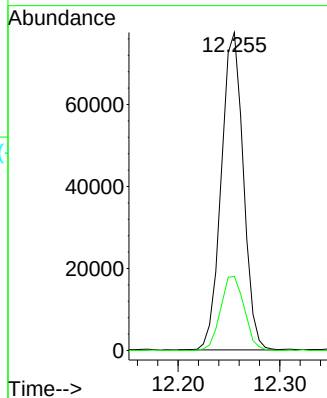
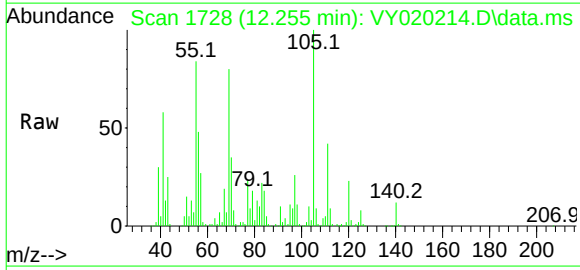
BP-G2-VOC

Tgt Ion:105 Resp: 116619

Ion Ratio Lower Upper

105 100

120 25.2 13.4 40.1



#78

n-propylbenzene

Concen: 9.066 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY020214.D

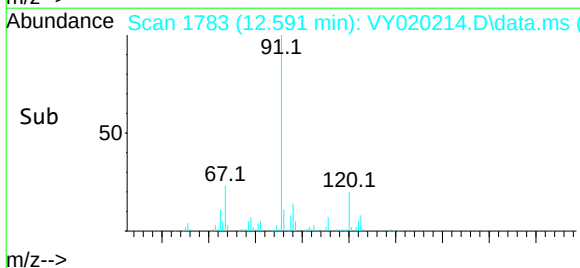
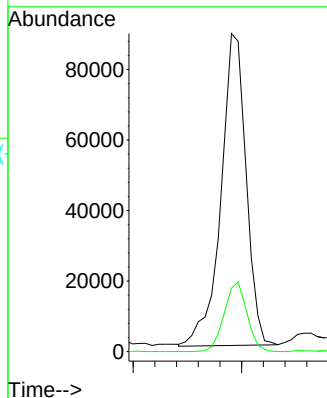
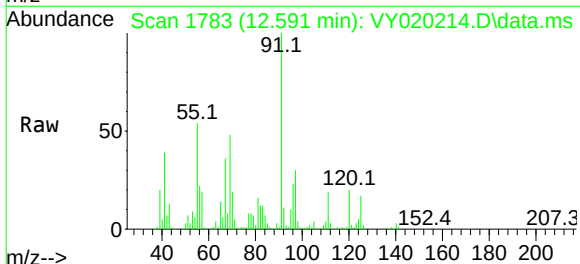
Acq: 07 Nov 2024 18:04

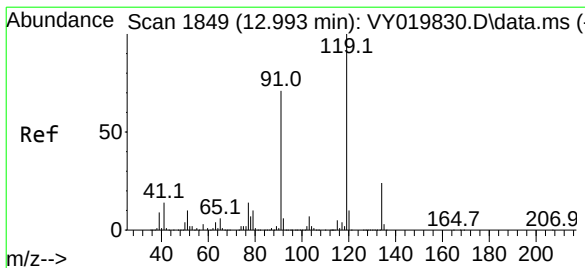
Tgt Ion: 91 Resp: 142443

Ion Ratio Lower Upper

91 100

120 20.1 11.5 34.4





#83

tert-Butylbenzene

Concen: 7.598 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY020214.D

Acq: 07 Nov 2024 18:04

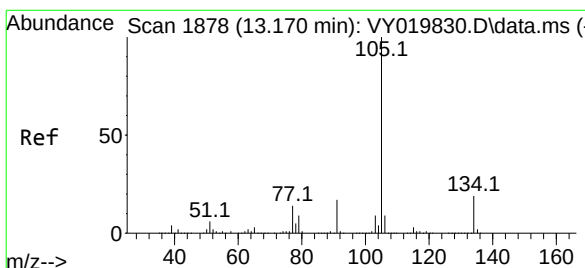
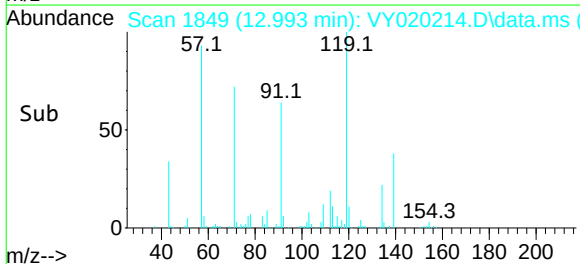
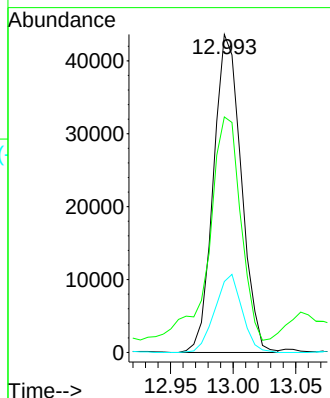
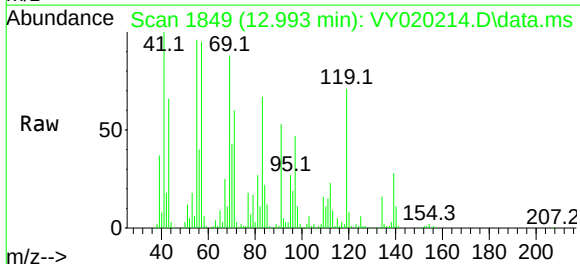
Instrument :

MSVOA_Y

ClientSampleId :

BP-G2-VOC

Tgt Ion:	119	Resp:	67337
Ion Ratio	Lower	Upper	
119	100		
91	78.6	31.3	93.8
134	24.0	13.4	40.1



#85

sec-Butylbenzene

Concen: 15.493 ug/l

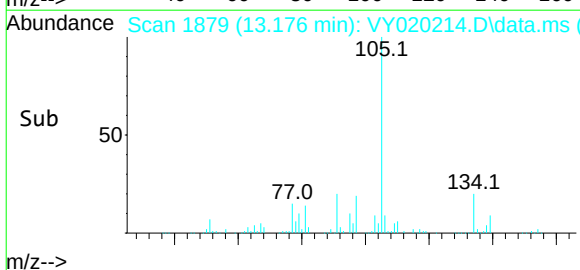
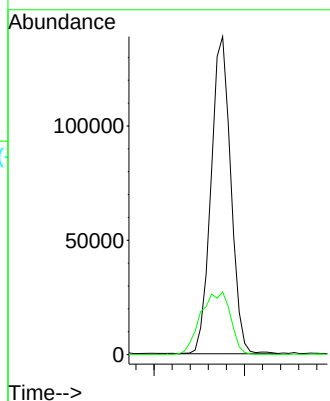
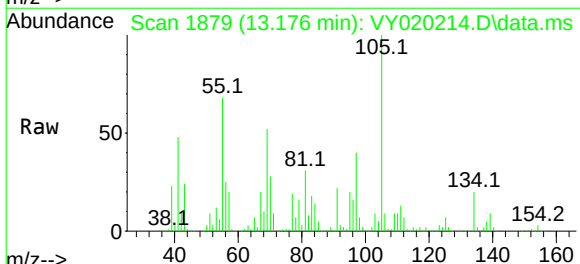
RT: 13.176 min Scan# 1879

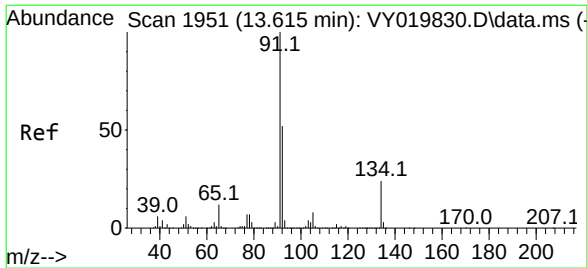
Delta R.T. 0.000 min

Lab File: VY020214.D

Acq: 07 Nov 2024 18:04

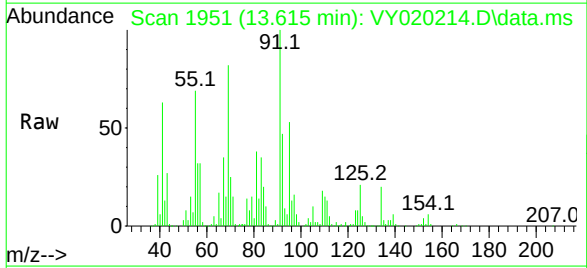
Tgt Ion:	105	Resp:	210791
Ion Ratio	Lower	Upper	
105	100		
134	30.0	10.1	30.1





#89
n-Butylbenzene
Concen: 10.077 ug/l
RT: 13.615 min Scan# 19
Delta R.T. -0.006 min
Lab File: VY020214.D
Acq: 07 Nov 2024 18:04

Instrument :
MSVOA_Y
ClientSampleId :
BP-G2-VOC



Tgt Ion: 91 Resp: 110291

Ion	Ratio	Lower	Upper
91	100		
92	49.9	26.6	79.7
134	30.3	12.9	38.7

