

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081219\
 Data File : VL034106.D
 Acq On : 12 Aug 2019 16:34
 Operator : SY/AP
 Sample : K4185-02DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BP-VPB203-AIR-DW-20190805DL

Quant Time: Aug 13 04:04:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Aug 05 17:09:48 2019
 QLast Update : Mon Aug 05 17:09:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1250588	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	2332177	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2399116	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.51	95	2052536	10.54	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.40%

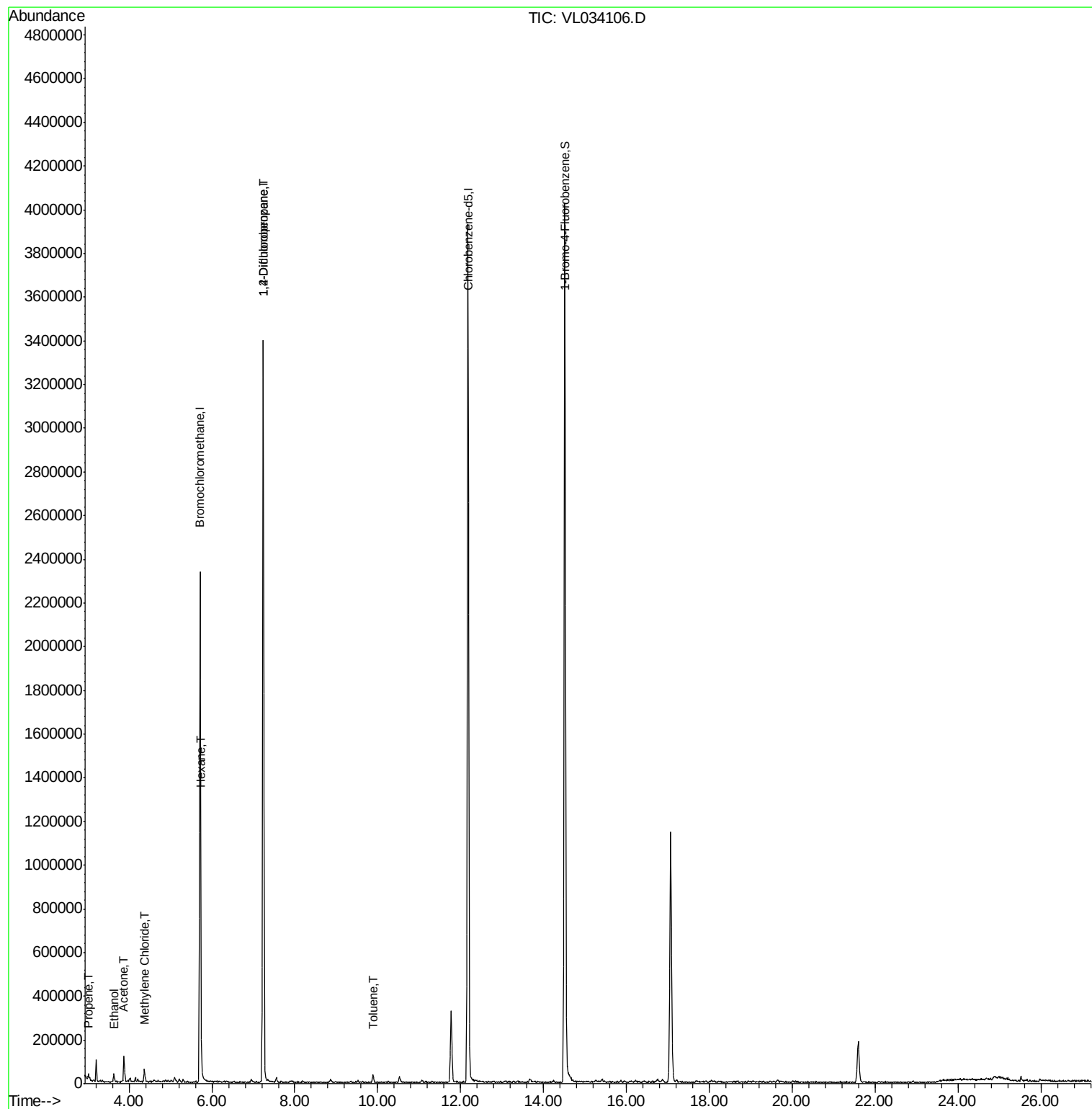
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	4492	0.053	ppbv #	15
13) Ethanol	3.63	45	36713	1.528	ppbv	98
15) Acetone	3.87	43	121459	0.680	ppbv	99
20) Methylene Chloride	4.37	84	16577	0.309	ppbv	91
26) Hexane	5.74	57	19392	0.130	ppbv #	51
39) 1,2-Dichloropropane	7.24	63	709229	6.631	ppbv #	23
53) Toluene	9.89	91	22500	0.074	ppbv	91

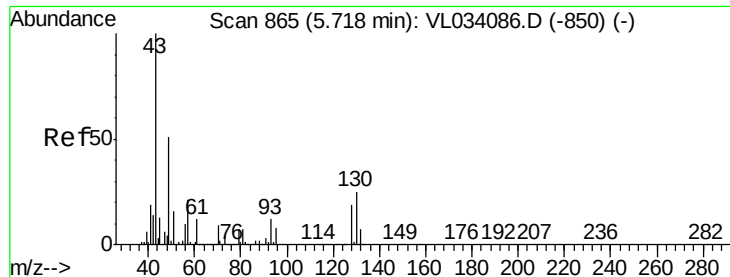
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 05 17:09:48 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 864

Delta R.T. -0.00 min

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MSVOA_L

ClientSampleId :

BP-VPB203-AIR-DW-20190805DL

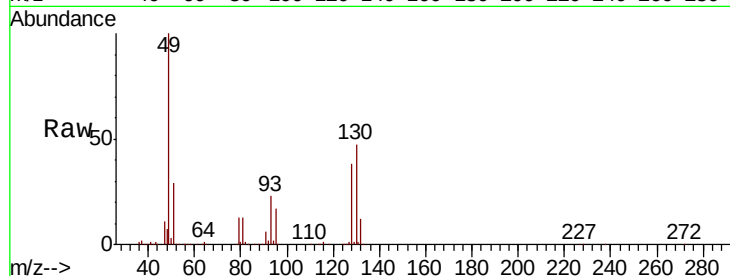
Tgt Ion: 49 Resp: 1250588

Ion Ratio Lower Upper

49 100

128 38.6 19.5 58.5

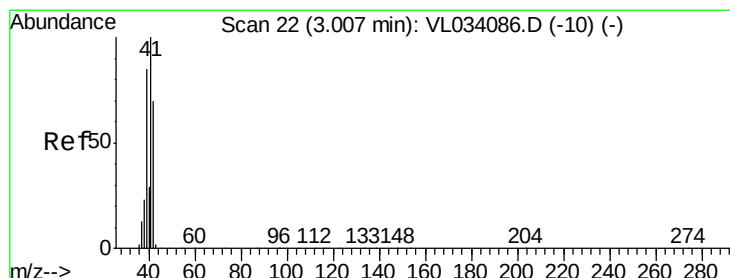
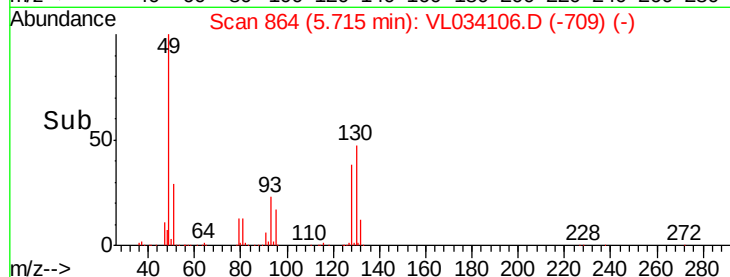
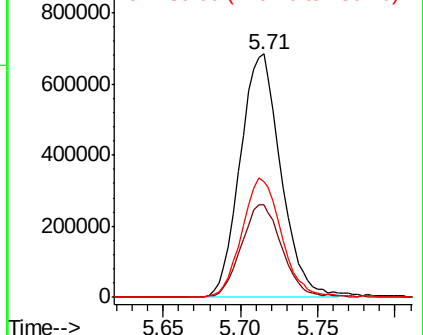
130 48.5 25.4 76.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.053 ppbv

RT: 3.01 min Scan# 23

Delta R.T. 0.00 min

Lab File: VL034106.D

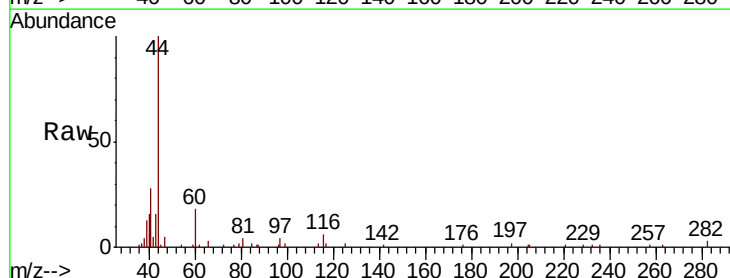
Acq: 12 Aug 2019 16:34

Tgt Ion: 41 Resp: 4492

Ion Ratio Lower Upper

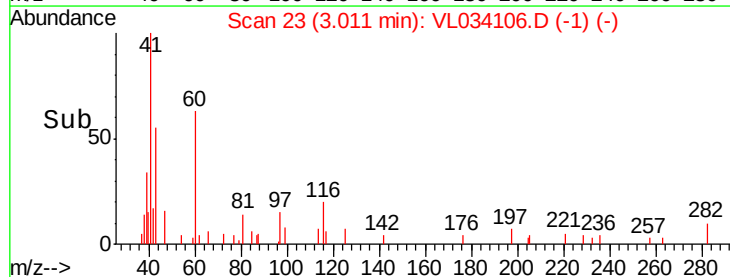
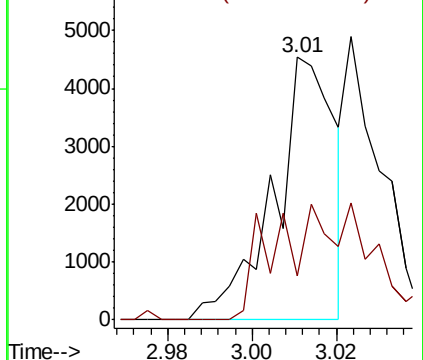
41 100

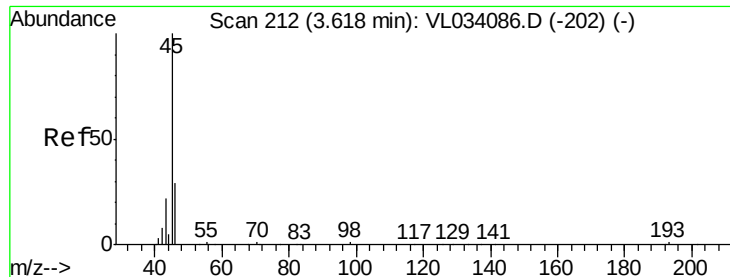
42 0.0 55.8 83.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 1.528 ppbv

RT: 3.63 min Scan# 217

Delta R.T. 0.02 min

Lab File: VL034106.D

Acq: 12 Aug 2019 16:34

Instrument :

MSVOA_L

ClientSampleId :

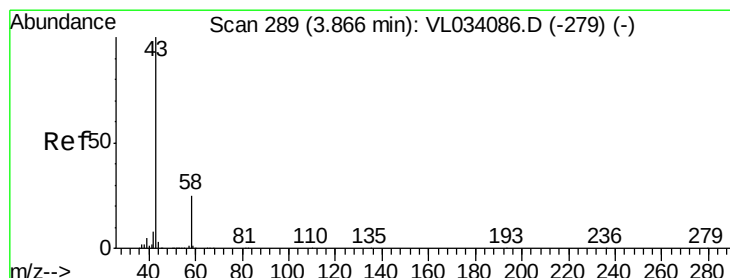
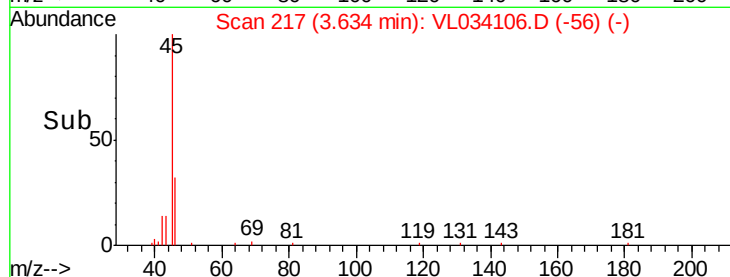
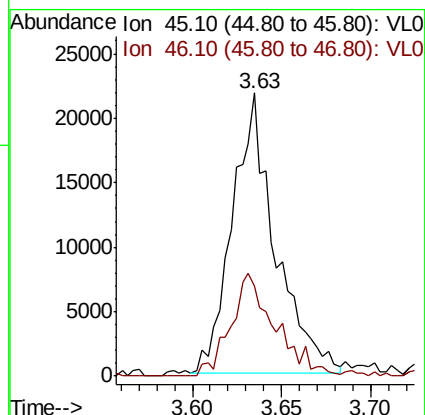
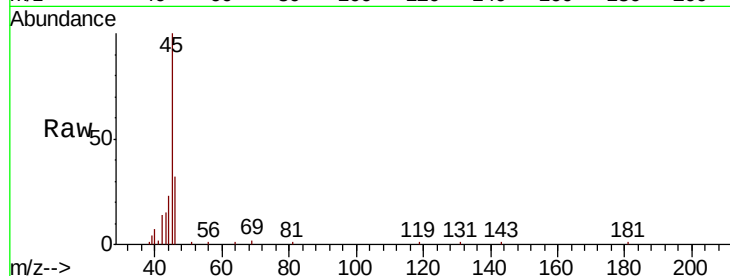
BP-VPB203-AIR-DW-20190805DL

Tgt Ion: 45 Resp: 36713

Ion Ratio Lower Upper

45 100

46 38.4 14.9 59.5



#15

Acetone

Concen: 0.680 ppbv

RT: 3.87 min Scan# 291

Delta R.T. 0.01 min

Lab File: VL034106.D

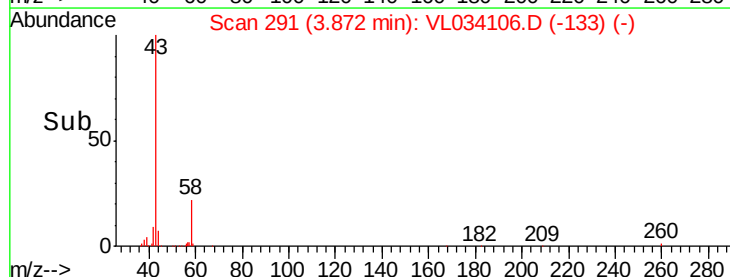
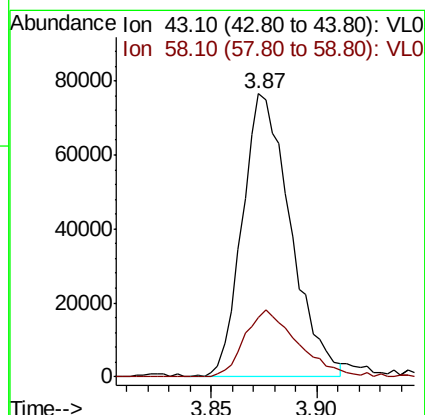
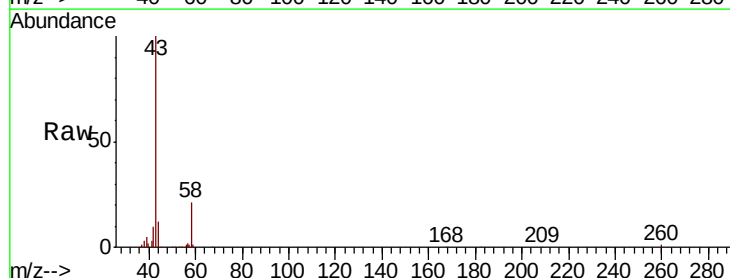
Acq: 12 Aug 2019 16:34

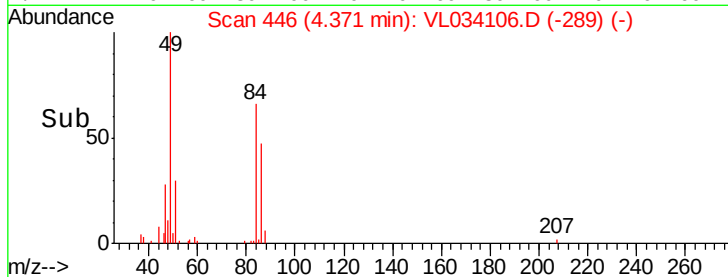
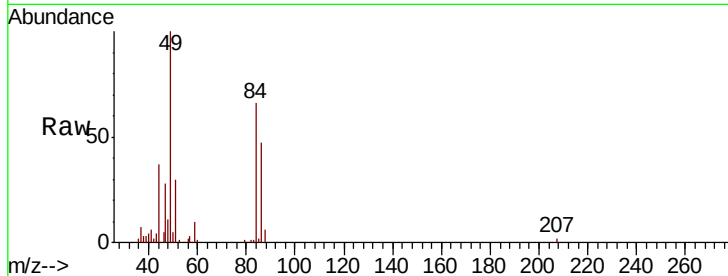
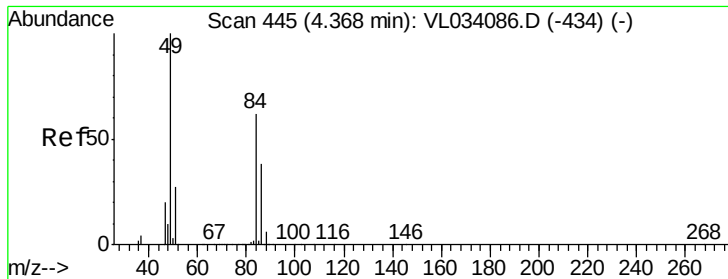
Tgt Ion: 43 Resp: 121459

Ion Ratio Lower Upper

43 100

58 26.4 20.6 30.8

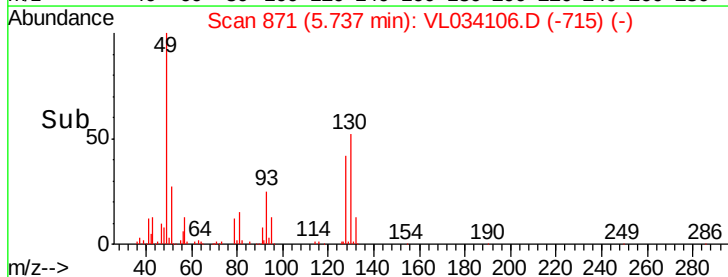
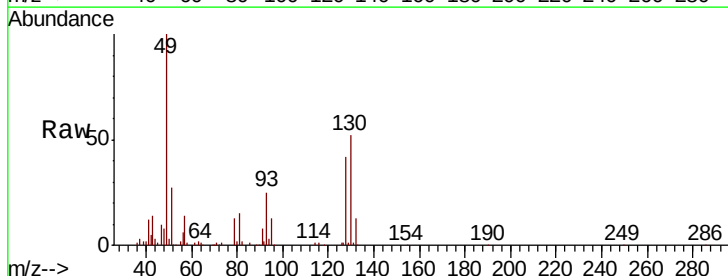
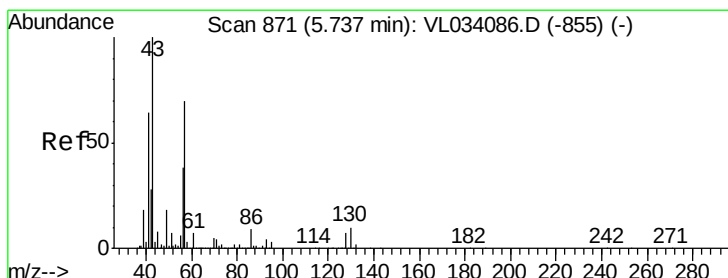
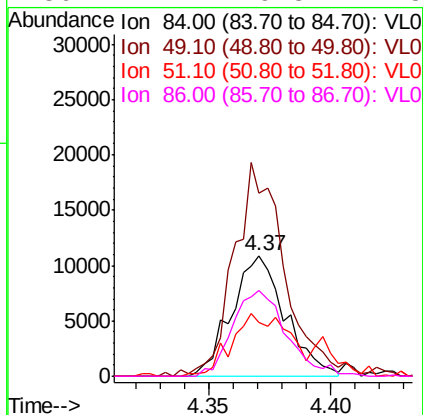




#20
Methylene Chloride
Concen: 0.309 ppbv
RT: 4.37 min Scan# 446
Delta R.T. 0.00 min
Lab File: VL034106.D
Acq: 12 Aug 2019 16:34

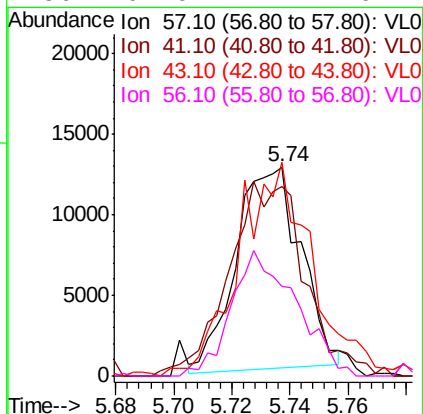
Instrument :
MSVOA_L
ClientSampleId :
BP-VPB203-AIR-DW-20190805DL

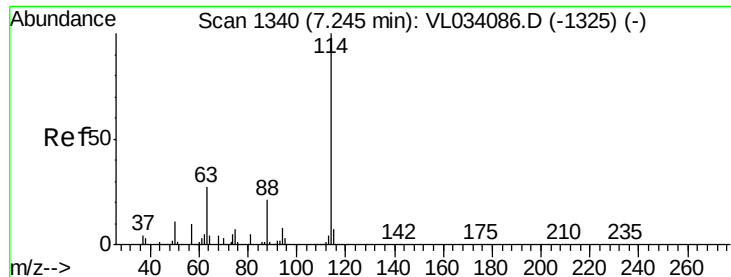
Tgt Ion:	84	Resp:	16577
Ion	Ratio	Lower	Upper
84	100		
49	149.0	129.7	194.5
51	43.2	35.8	53.8
86	71.4	49.8	74.8



#26
Hexane
Concen: 0.130 ppbv
RT: 5.74 min Scan# 871
Delta R.T. 0.00 min
Lab File: VL034106.D
Acq: 12 Aug 2019 16:34

Tgt Ion:	57	Resp:	19392
Ion	Ratio	Lower	Upper
57	100		
41	115.1	75.7	113.5#
43	122.3	189.8	284.8#
56	62.0	42.7	64.1

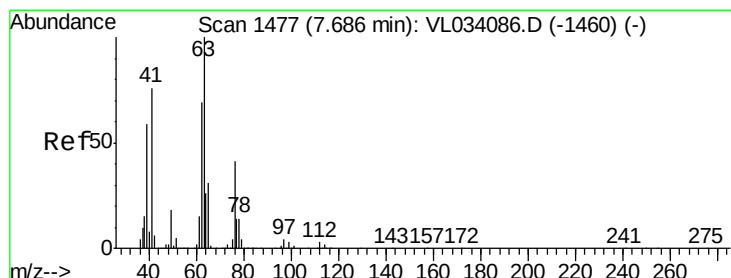
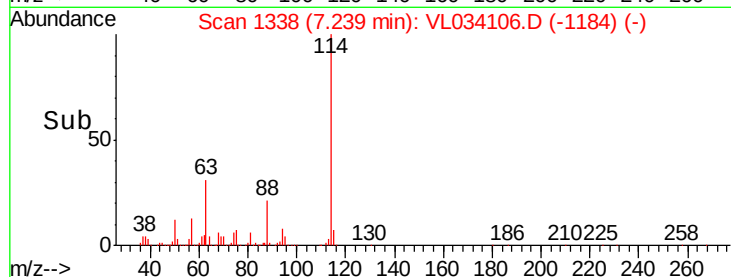
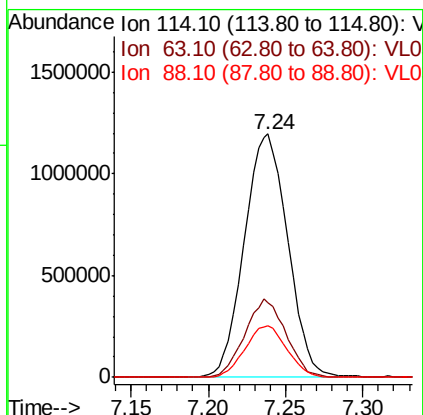
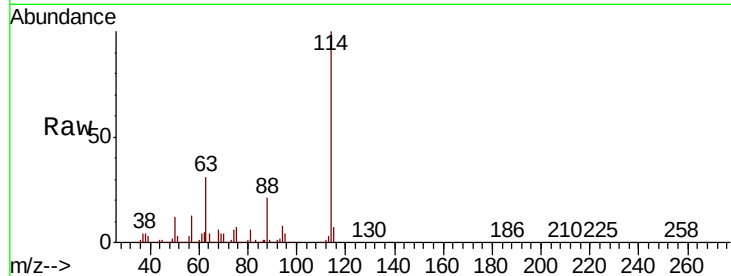




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.24 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: VL034106.D
 Acq: 12 Aug 2019 16:34

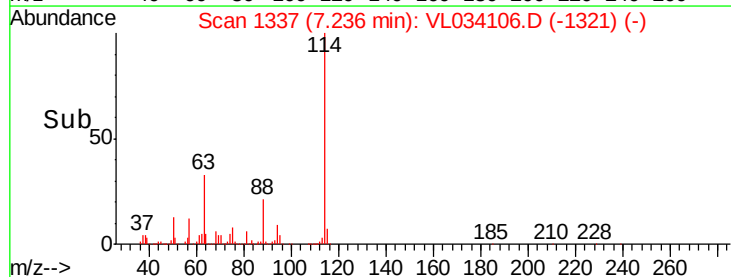
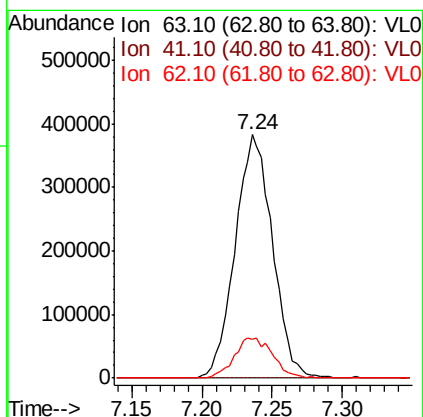
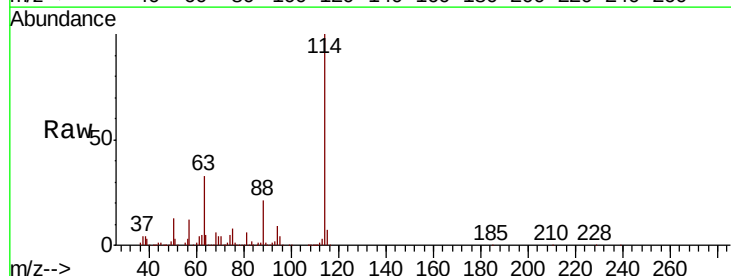
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 MSVOA_L
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 BP-VPB203-AIR-DW-20190805DL

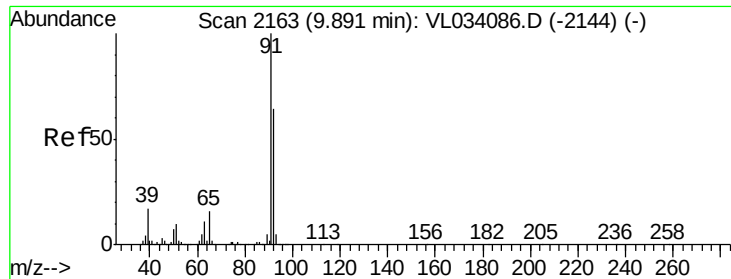
Tgt Ion: 114 Resp: 2332177
 Ion Ratio Lower Upper
 114 100
 63 30.5 22.5 33.7
 88 20.7 15.7 23.5



#39
 1,2-Dichloropropane
 Concen: 6.631 ppbv
 RT: 7.24 min Scan# 1337
 Delta R.T. -0.45 min
 Lab File: VL034106.D
 Acq: 12 Aug 2019 16:34

Tgt Ion: 63 Resp: 709229
 Ion Ratio Lower Upper
 63 100
 41 0.0 60.6 91.0#
 62 16.1 55.0 82.6#





#53

Toluene

Concen: 0.074 ppbv

RT: 9.89 min Scan# 2162

Delta R.T. -0.00 min

Lab File: VL034106.D

Acq: 12 Aug 2019 16:34

Instrument :

MSVOA_L

ClientSampleId :

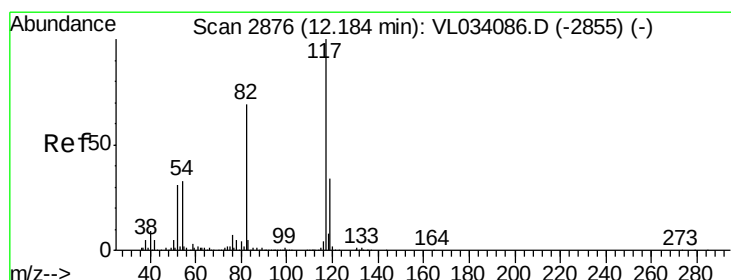
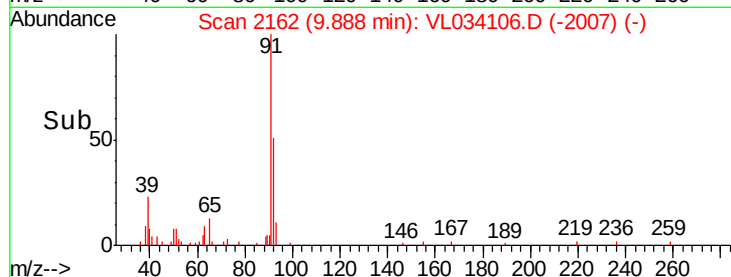
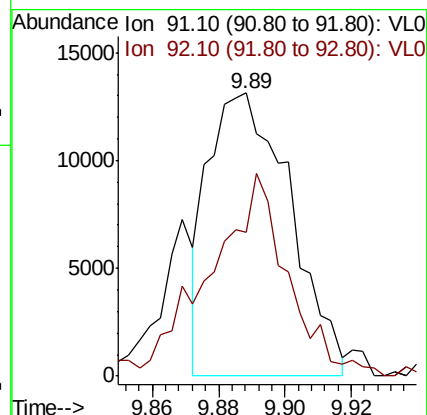
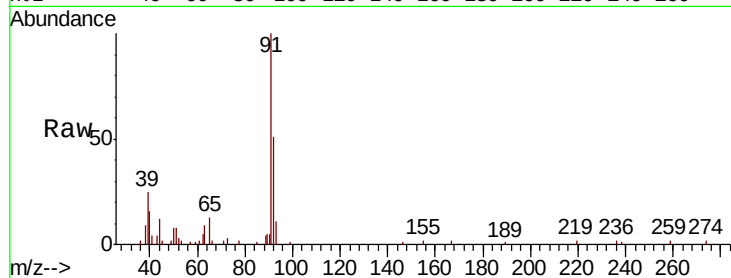
BP-VPB203-AIR-DW-20190805DL

Tgt Ion: 91 Resp: 22500

Ion Ratio Lower Upper

91 100

92 69.8 50.3 75.5



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.18 min Scan# 2874

Delta R.T. -0.01 min

Lab File: VL034106.D

Acq: 12 Aug 2019 16:34

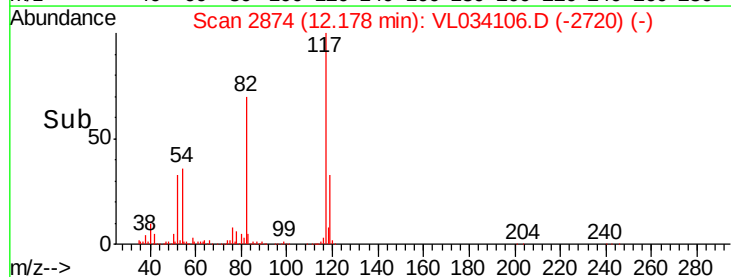
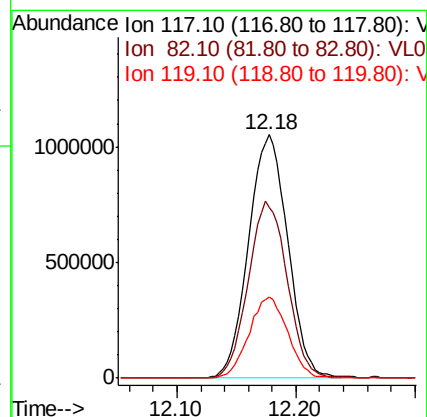
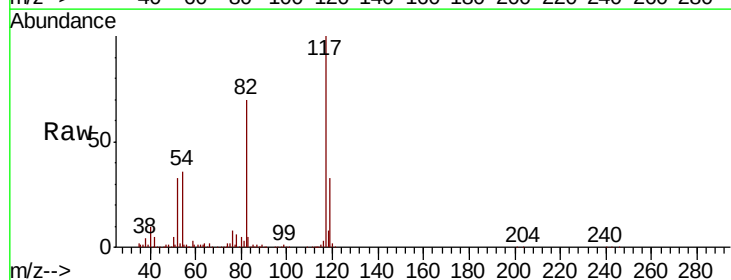
Tgt Ion: 117 Resp: 2399116

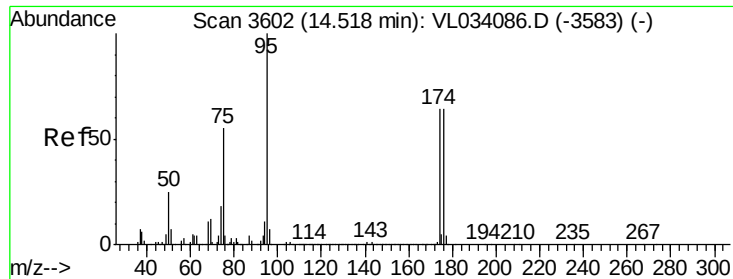
Ion Ratio Lower Upper

117 100

82 72.4 52.2 78.4

119 32.9 44.8 67.2#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.544 ppbv

RT: 14.51 min Scan# 3600

Delta R.T. -0.01 min

Lab File: VL034106.D

Acq: 12 Aug 2019 16:34

Instrument :

MSVOA_L

ClientSampleId :

BP-VPB203-AIR-DW-20190805DL

Tgt Ion: 95 Resp: 2052536

Ion Ratio Lower Upper

95 100

174 63.1 53.0 79.6

175 4.5 4.2 6.2

