

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020420\
 Data File : VL034586.D
 Acq On : 4 Feb 2020 19:12
 Operator : SY/AP
 Sample : L1357-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
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 2/5/2020 2:50:38 PM

Quant Time: Feb 05 06:47:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 3
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1024874	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2090684	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2097453	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1777389	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	20912	0.434	ppbv	# 72
13) Ethanol	3.58	45	347529	26.908	ppbv	97
15) Acetone	3.83	43	134576	0.893	ppbv	94
19) Isopropyl Alcohol	3.95	45	886372	10.084	ppbv	100
20) Methylene Chloride	4.32	84	18167m	0.317	ppbv	
34) 2-Butanone	5.25	43	17162m	0.113	ppbv	
53) Toluene	9.83	91	22187	0.109	ppbv	96

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

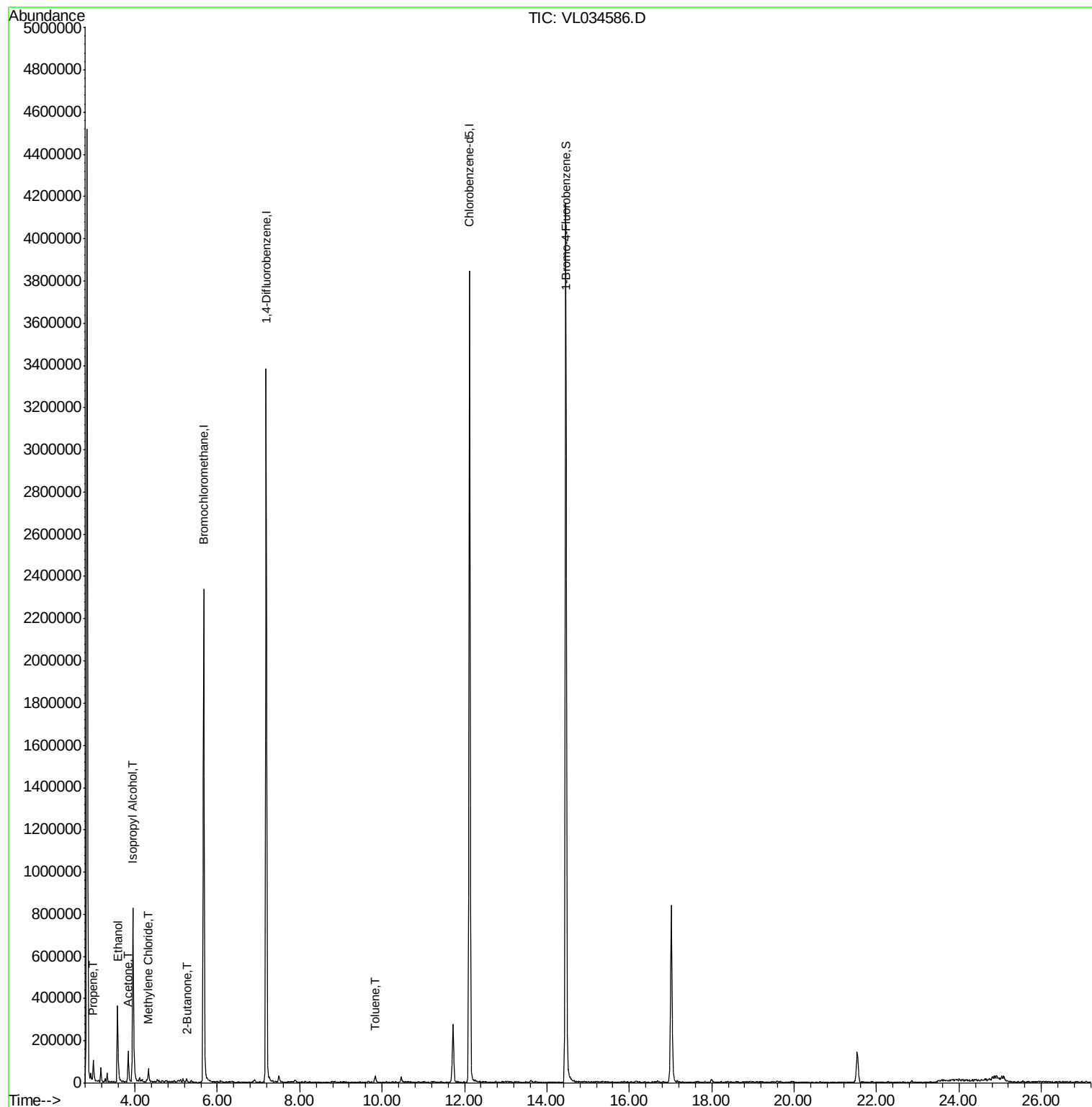
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL020420\
Data File : VL034586.D
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Operator : SY/AP
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Misc : 400ml/MSVOA L
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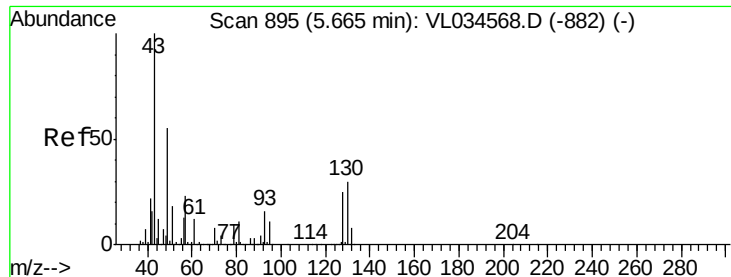
Instrument :
MSVOA_L
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Quant Time: Feb 05 06:47:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL034568.D

Acq: 4 Feb 2020 19:12

Instrument :

MSVOA_L

ClientSampleId :

IA-2DL

Tot Ion: 49 Resp: 1024874

Ion Ratio Lower Upper

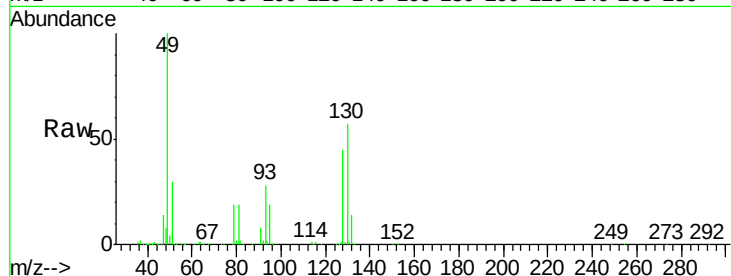
49 100

128 46.1 22.7 68.1

130 59.7 28.6 85.8

Manual Integrations
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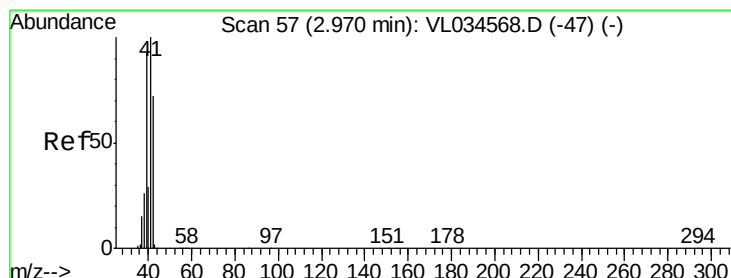
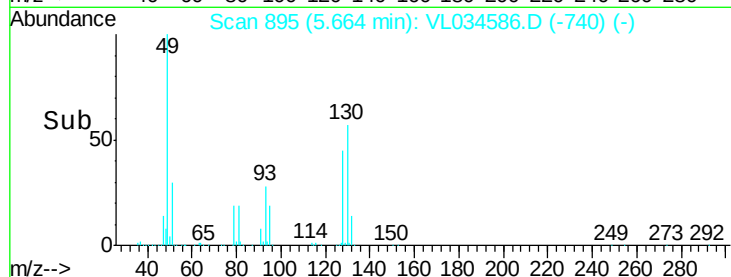
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.66

Time-->



#9

Propene

Concen: 0.434 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.01 min

Lab File: VL034568.D

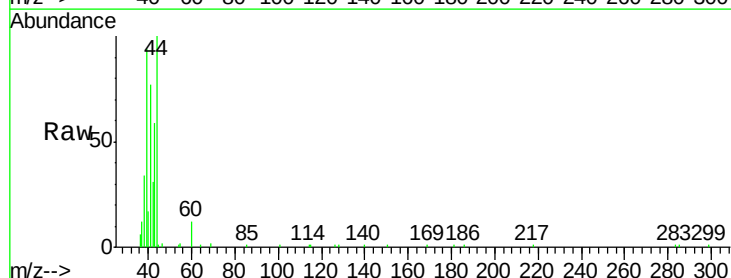
Acq: 4 Feb 2020 19:12

Tgt Ion: 41 Resp: 20912

Ion Ratio Lower Upper

41 100

42 47.7 57.0 85.4#

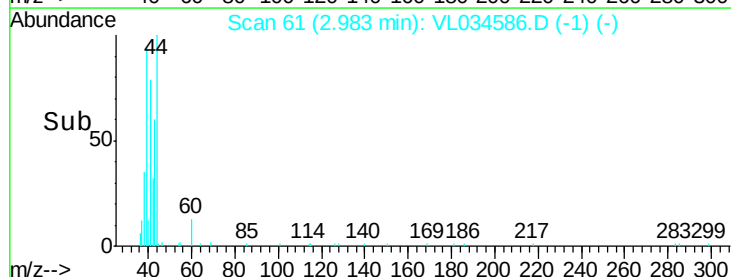


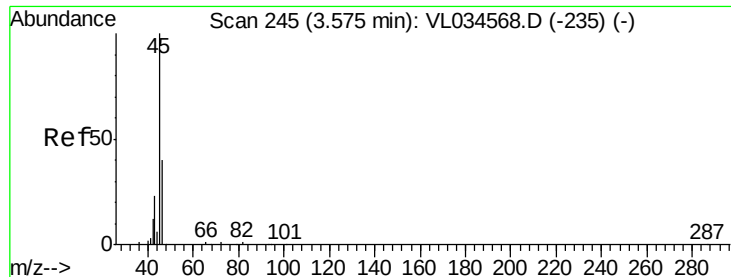
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

2.98

Time-->





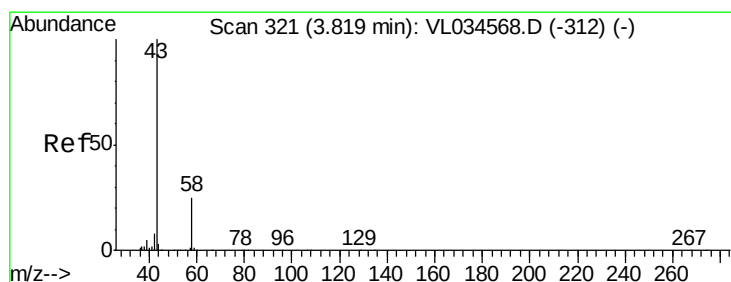
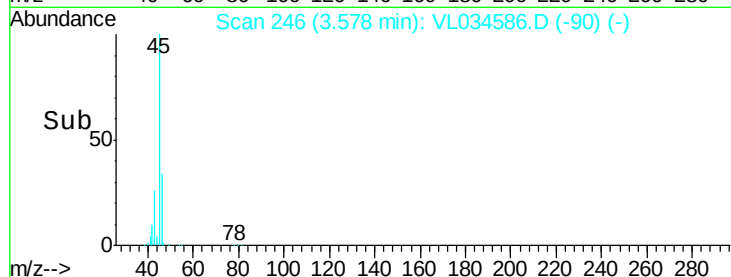
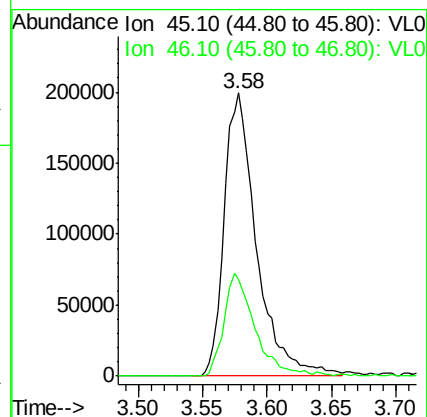
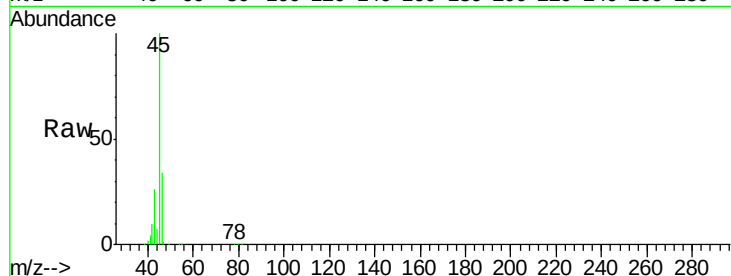
#13
Ethanol
Concen: 26.908 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.00 min
Lab File: VL034586.D
Acq: 4 Feb 2020 19:12

Instrument :
MSVOA_L
ClientSampled :
IA-2DL

Tot Ion: 45 Resp: 347529
Ion Ratio Lower Upper
45 100
46 35.2 14.8 59.2

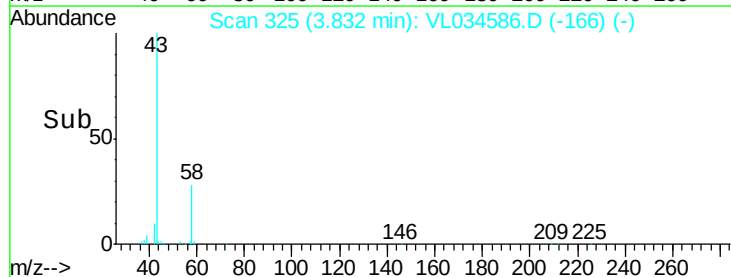
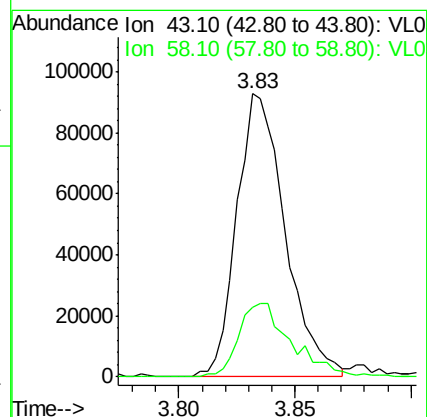
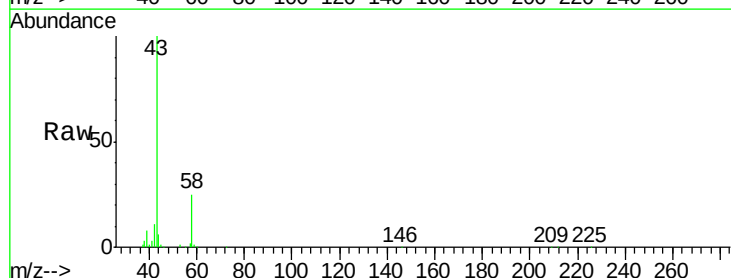
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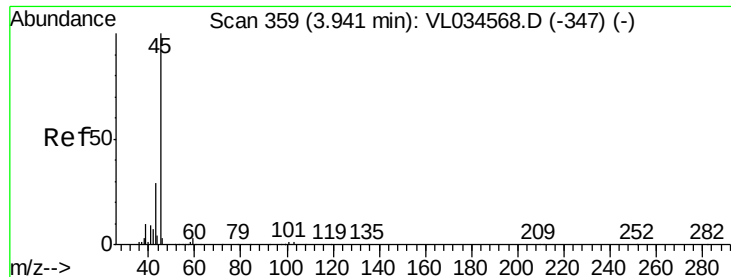
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#15
Acetone
Concen: 0.893 ppbv
RT: 3.83 min Scan# 325
Delta R.T. 0.01 min
Lab File: VL034586.D
Acq: 4 Feb 2020 19:12

Tgt Ion: 43 Resp: 134576
Ion Ratio Lower Upper
43 100
58 28.4 20.3 30.5





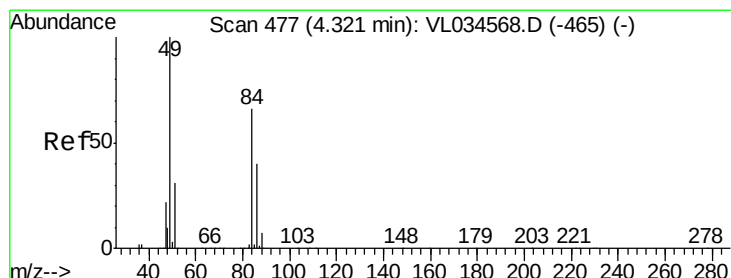
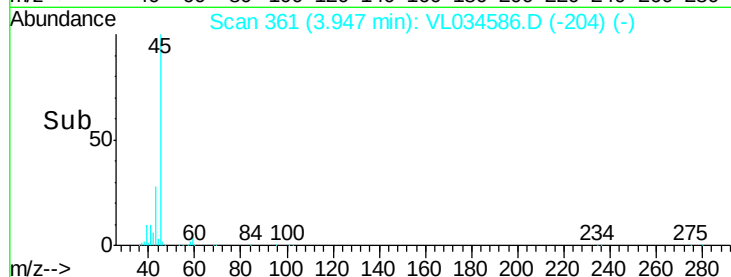
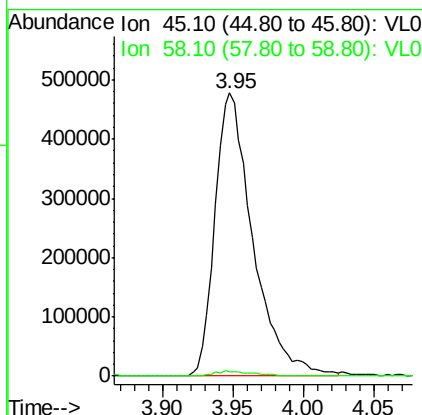
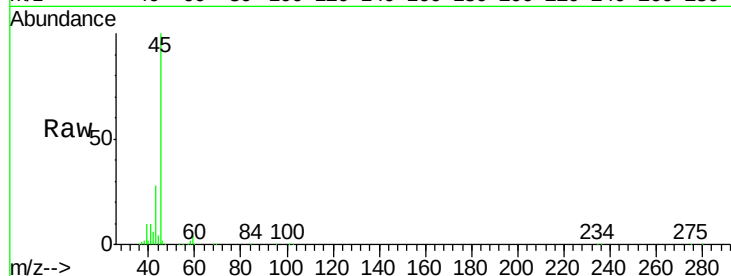
#19
Isopropyl Alcohol
Concen: 10.084 ppbv
RT: 3.95 min Scan# 361
Delta R.T. 0.01 min
Lab File: VL034568.D
Acq: 4 Feb 2020 19:12

Instrument :
MSVOA_L
ClientSampled :
IA-2DL

Tot Ion	Ratio	Lower	Upper
45	100		
58	2.1	1.7	2.5

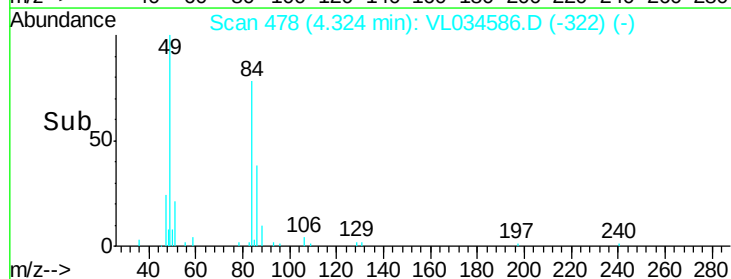
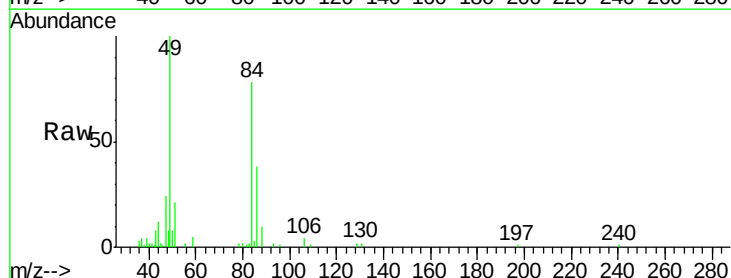
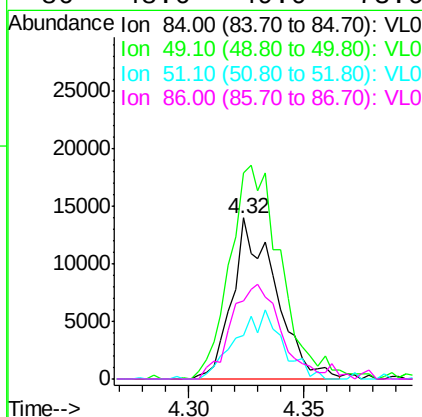
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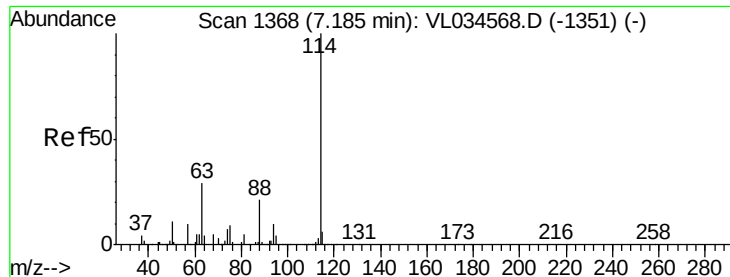
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#20
Methylene Chloride
Concen: 0.317 ppbv m
RT: 4.32 min Scan# 478
Delta R.T. 0.00 min
Lab File: VL034568.D
Acq: 4 Feb 2020 19:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.9	122.4	183.6
51	27.2	38.6	57.8#
86	48.6	49.0	73.6#





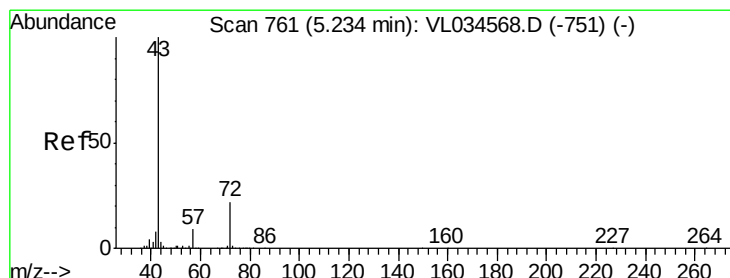
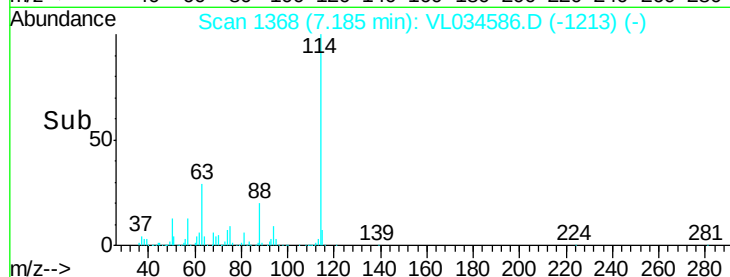
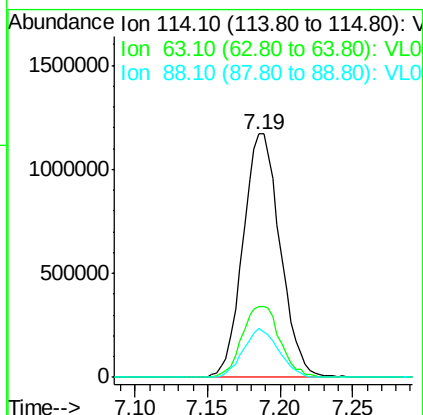
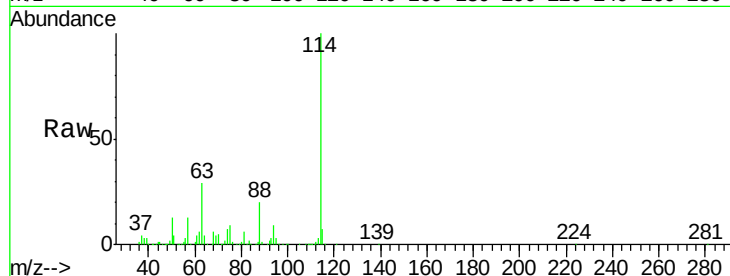
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VL034586.D
 Acq: 4 Feb 2020 19:12

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.9	24.1	36.1
88	19.3	15.9	23.9

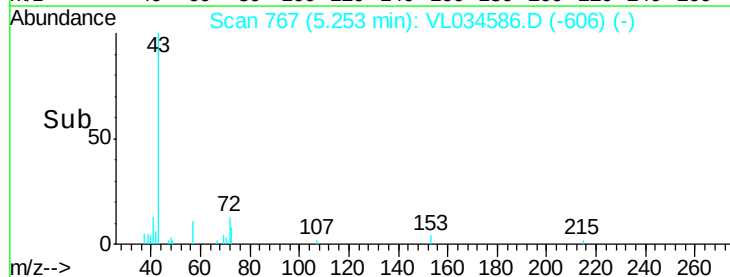
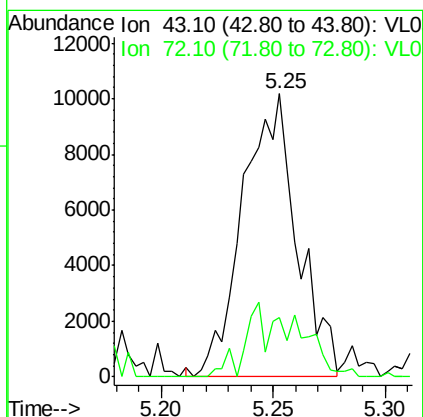
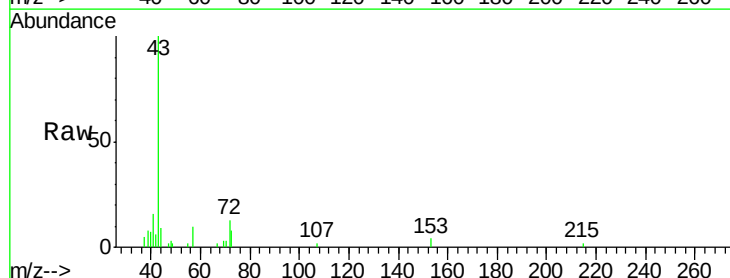
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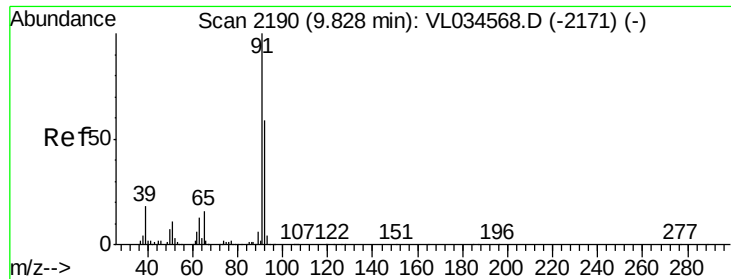
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#34
 2-Butanone
 Concen: 0.113 ppbv m
 RT: 5.25 min Scan# 767
 Delta R.T. 0.02 min
 Lab File: VL034586.D
 Acq: 4 Feb 2020 19:12

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.0	17.2	25.8





#53

Toluene

Concen: 0.109 ppbv

RT: 9.83 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VL034586.D

Acq: 4 Feb 2020 19:12

Instrument :

MSVOA_L

ClientSampleId :

IA-2DL

Tot Ion: 91 Resp: 22187

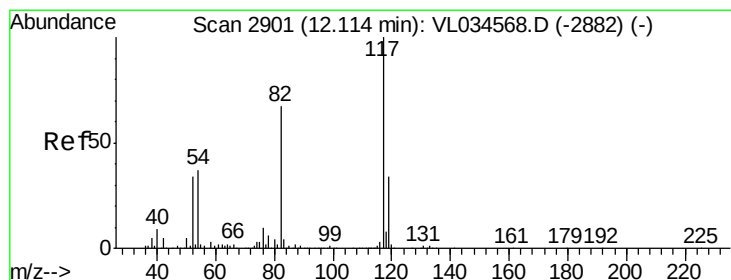
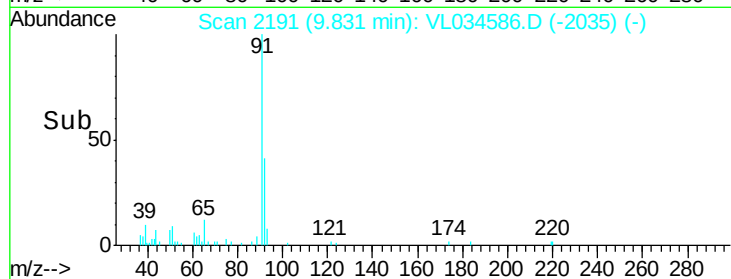
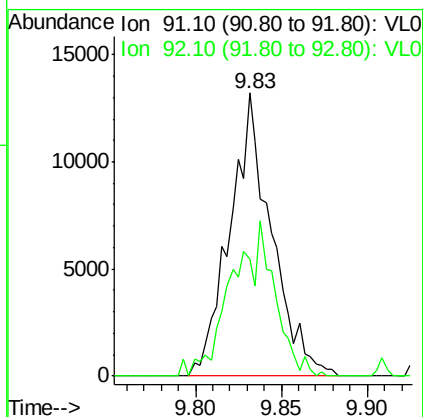
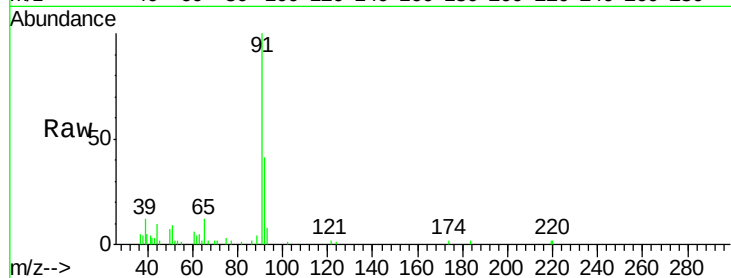
Ion Ratio Lower Upper

91 100

92 57.1 48.2 72.2

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2904

Delta R.T. 0.01 min

Lab File: VL034586.D

Acq: 4 Feb 2020 19:12

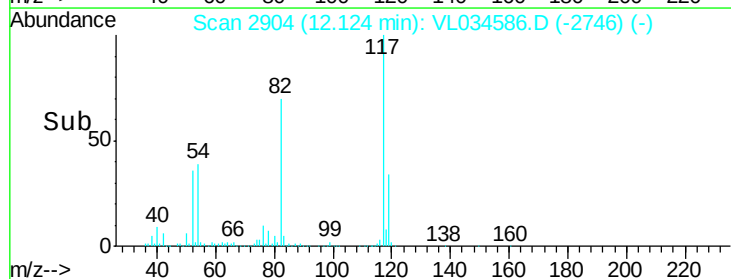
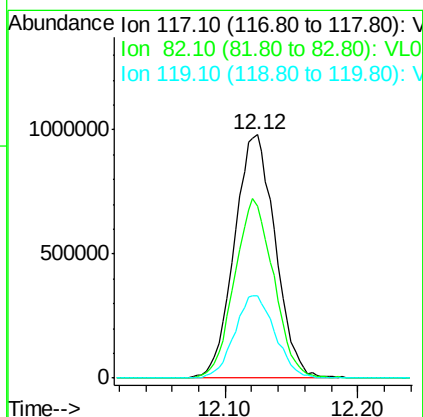
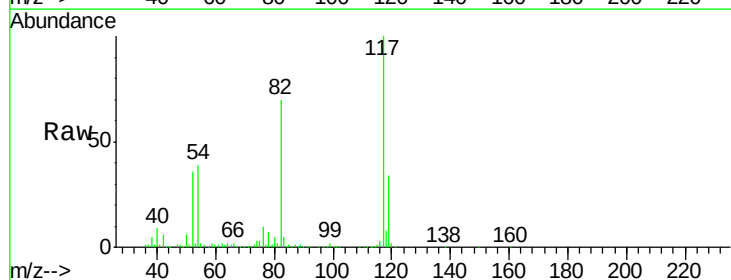
Tgt Ion: 117 Resp: 2097453

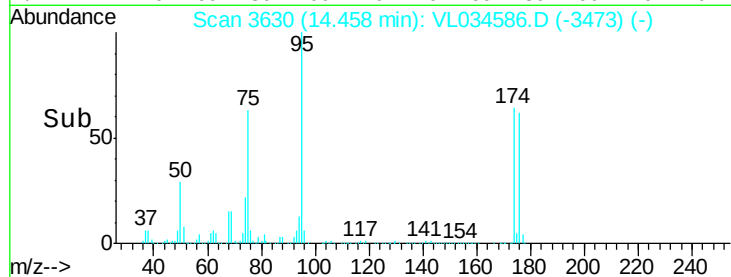
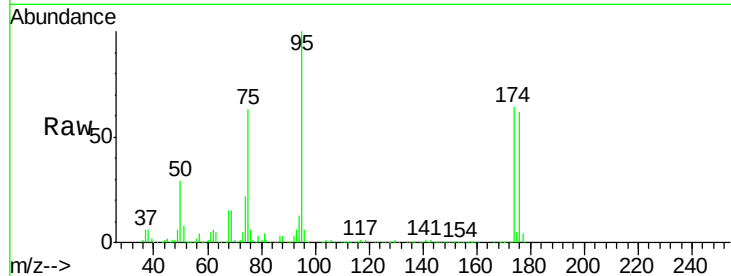
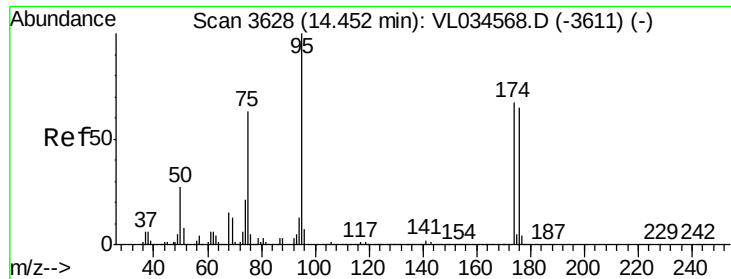
Ion Ratio Lower Upper

117 100

82 71.1 54.2 81.4

119 33.6 26.1 39.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.027 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.01 min

Lab File: VL034586.D

Acq: 4 Feb 2020 19:12

Tot Ion: 95 Resp: 1777389

Ion Ratio Lower Upper

95 100

174 64.4 52.3 78.5

175 4.6 3.8 5.6

Instrument :

MSVOA_L

ClientSampleId :

IA-2DL

Manual Integrations
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