

Data File : VL034713.D
Acq On : 27 Feb 2020 17:53
Operator : SY/AP
Sample : L1662-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IAS-3-CAFETERIADL

Quant Time: Feb 28 01:09:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 26 06:58:15 2020
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1088676	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2221856	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2179115	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1844982	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.02	85	11691	0.068	ppbv #	77
3) Chlorodifluoromethane	2.93	51	18135	0.154	ppbv #	63
4) Chloromethane	3.11	50	2237	0.034	ppbv #	70
9) Propene	3.18	41	116649	2.375	ppbv	93
13) Ethanol	3.59	45	72084	4.646	ppbv	99
15) Acetone	3.85	43	45001	0.363	ppbv	95
20) Methylene Chloride	4.33	84	13641	0.296	ppbv #	74
30) Cyclohexane	7.18	84	3827	0.049	ppbv #	1
39) 1,2-Dichloropropane	7.19	63	652773	8.550	ppbv #	23

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022720\

Quantitation Report (Not Reviewed)

Data File : VL034713.D

Acq On : 27 Feb 2020 17:53

Operator : SY/AP

Sample : L1662-03DL 10X

Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_L

ClientSampleId :

IAS-3-CAFETERIADL

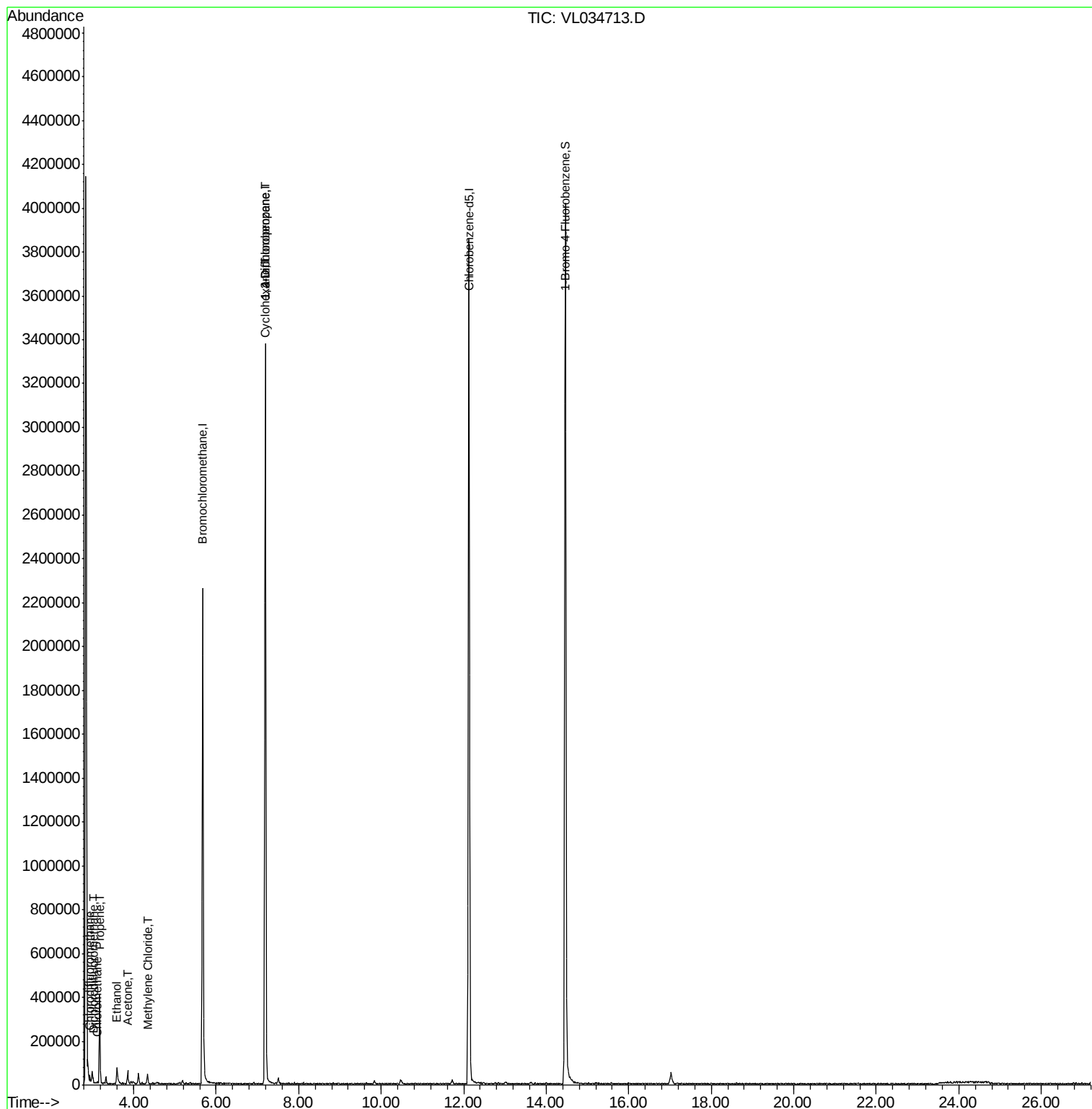
Quant Time: Feb 28 01:09:11 2020

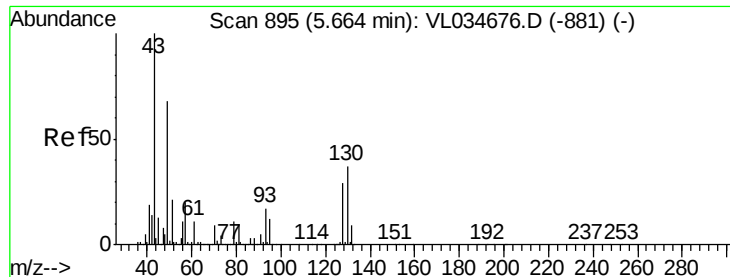
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 26 06:58:15 2020

QLast Update : Wed Feb 26 06:58:15 2020

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL034713.D

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Instrument :

MSVOA_L

ClientSampleId :

IAS-3-CAFETERIADL

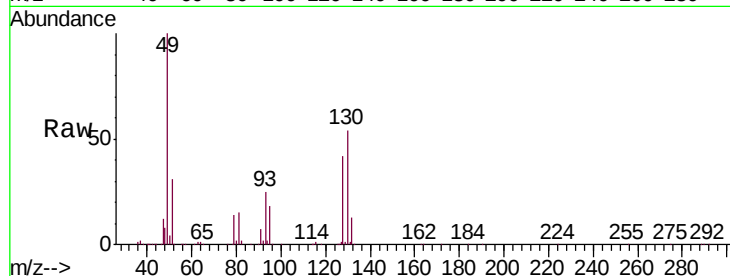
Tgt Ion: 49 Resp: 1088676

Ion Ratio Lower Upper

49 100

128 44.5 21.6 65.0

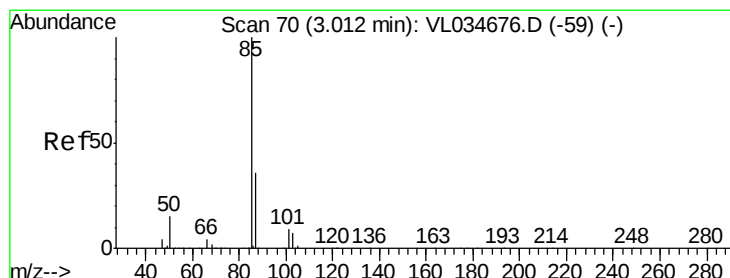
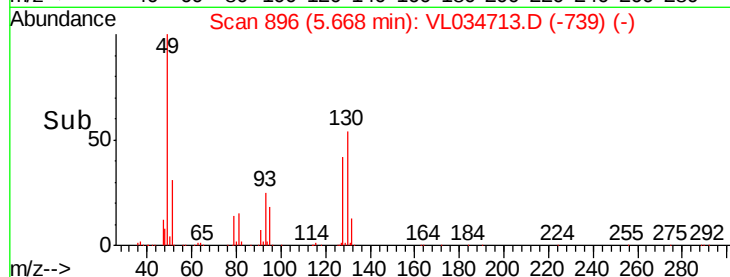
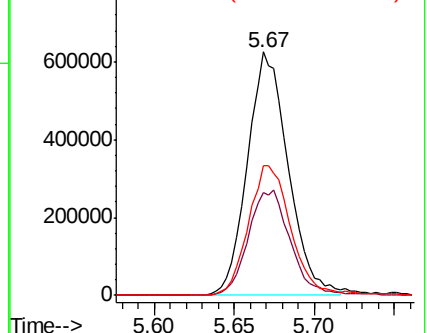
130 56.6 27.7 83.1



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



#2

Dichlorodifluoromethane

Concen: 0.068 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL034713.D

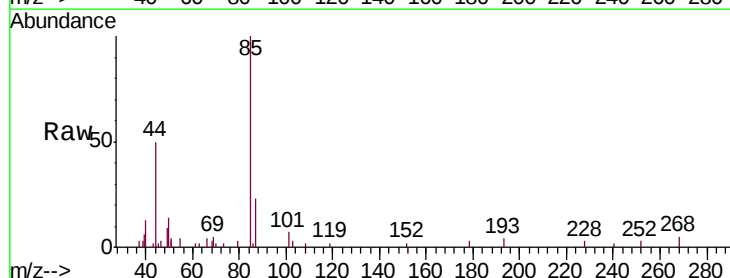
Acq: 27 Feb 2020 17:53

Tgt Ion: 85 Resp: 11691

Ion Ratio Lower Upper

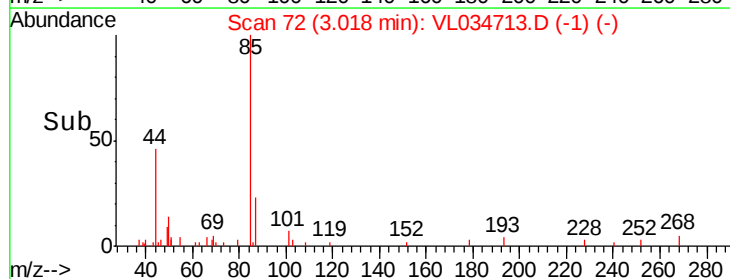
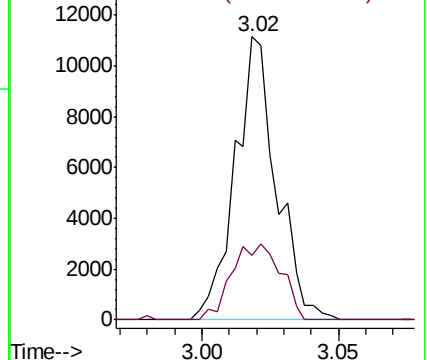
85 100

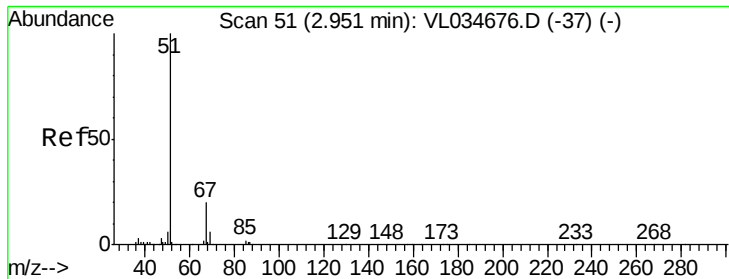
87 22.8 29.2 43.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.154 ppbv

RT: 2.93 min Scan# 46

Delta R.T. -0.02 min

Lab File: VL034713.D

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Instrument :

MSVOA_L

ClientSampleId :

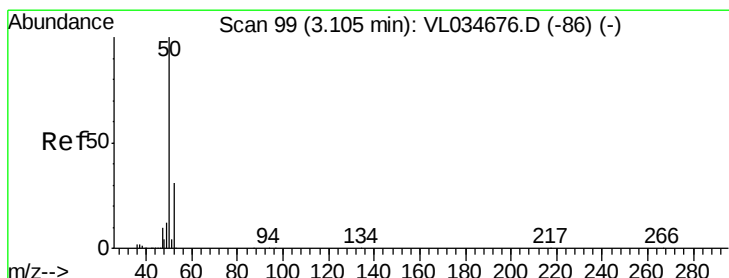
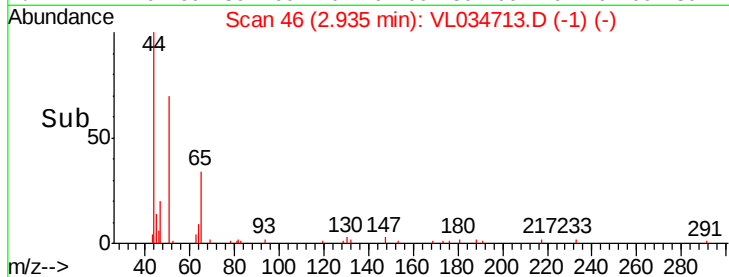
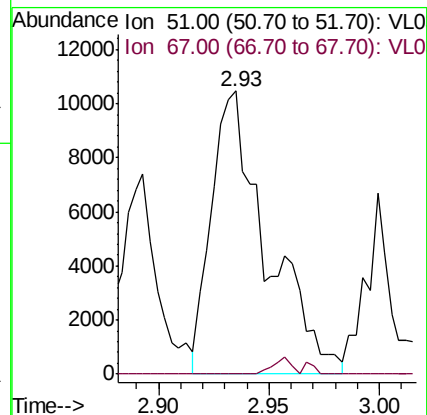
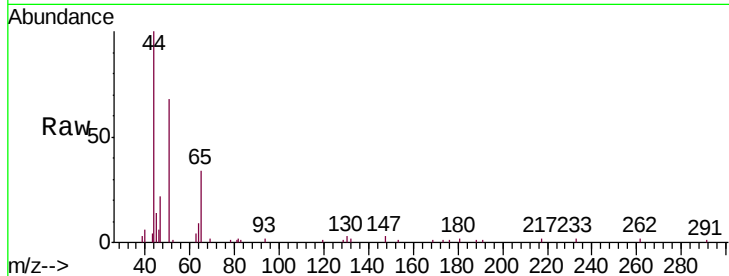
IAS-3-CAFETERIADL

Tgt Ion: 51 Resp: 18135

Ion Ratio Lower Upper

51 100

67 2.7 15.5 23.3#



#4

Chloromethane

Concen: 0.034 ppbv

RT: 3.11 min Scan# 101

Delta R.T. 0.01 min

Lab File: VL034713.D

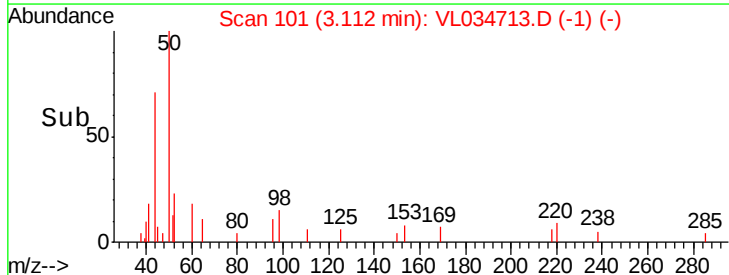
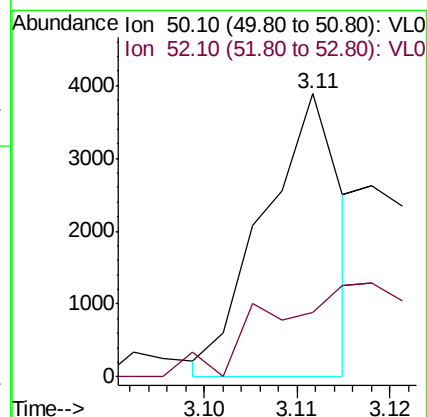
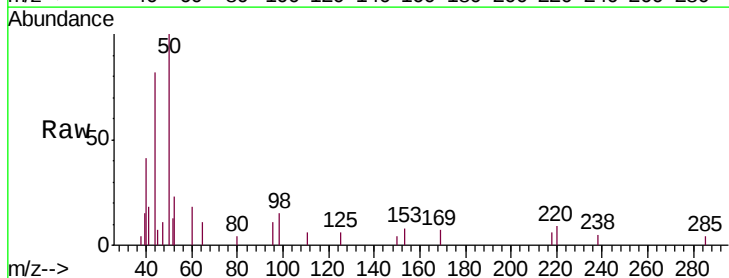
Acq: 27 Feb 2020 17:53

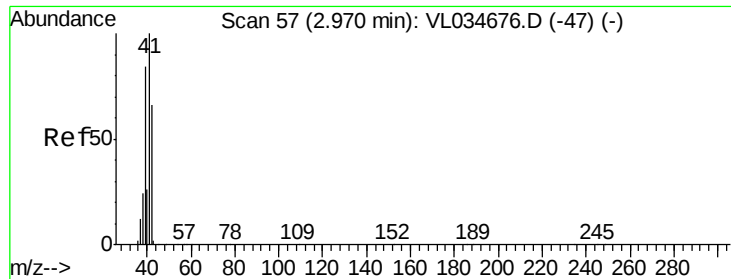
Tgt Ion: 50 Resp: 2237

Ion Ratio Lower Upper

50 100

52 14.8 25.0 37.4#





#9

Propene

Concen: 2.375 ppbv

RT: 3.18 min Scan# 121

Delta R.T. 0.21 min

Lab File: VL034713.D

Acq: 27 Feb 2020 17:53

Instrument :

MSVOA_L

ClientSampleId :

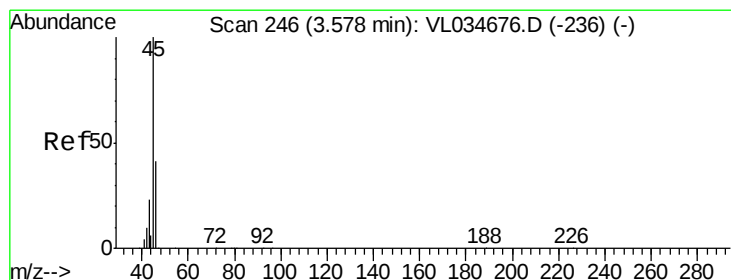
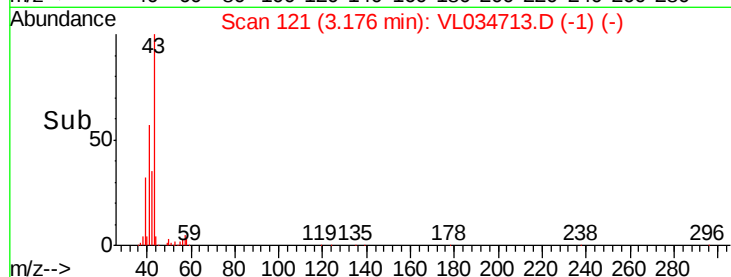
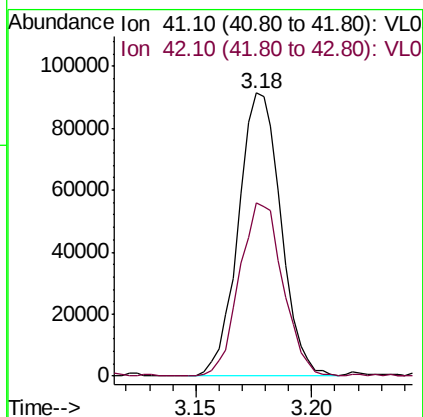
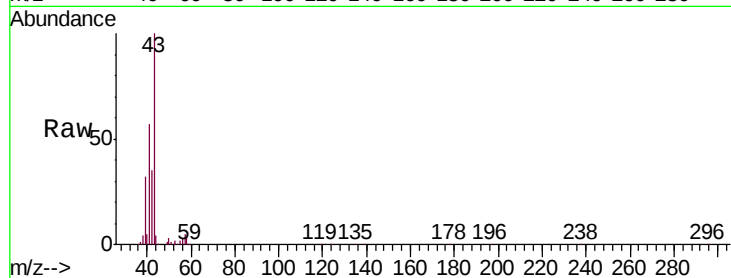
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Tgt Ion: 41 Resp: 116649

Ion Ratio Lower Upper

41 100

42 62.7 54.9 82.3



#13

Ethanol

Concen: 4.646 ppbv

RT: 3.59 min Scan# 251

Delta R.T. 0.02 min

Lab File: VL034713.D

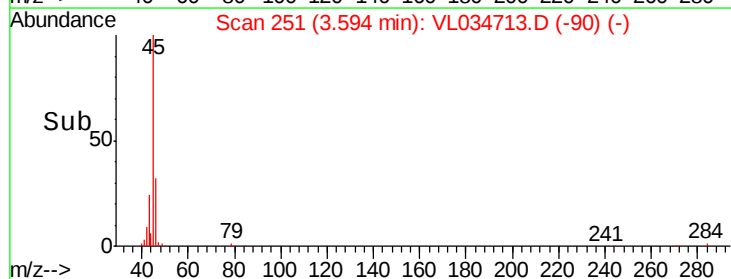
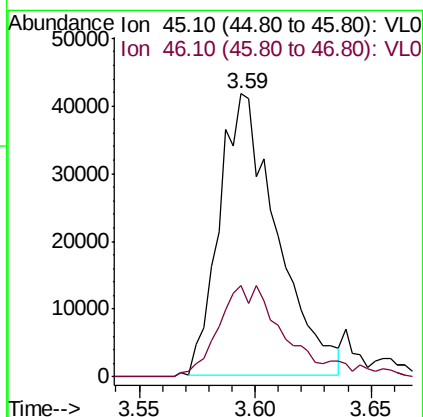
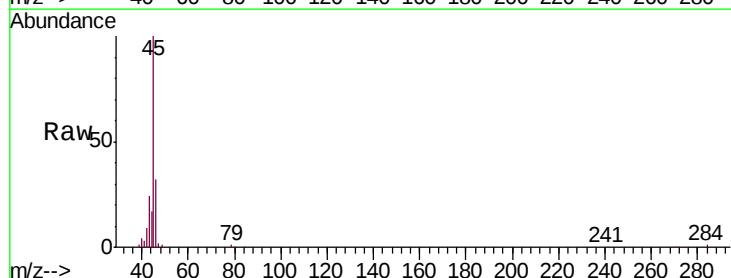
Acq: 27 Feb 2020 17:53

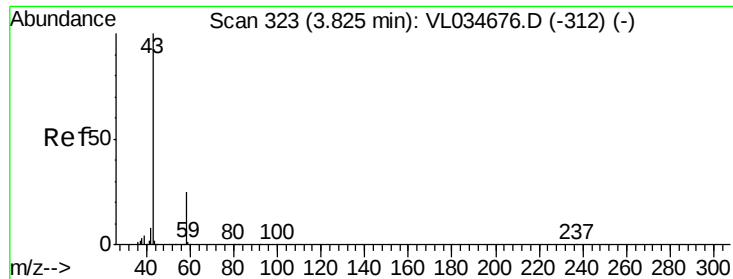
Tgt Ion: 45 Resp: 72084

Ion Ratio Lower Upper

45 100

46 39.0 15.4 61.4

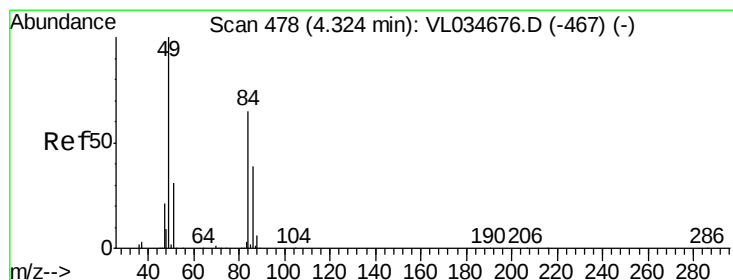
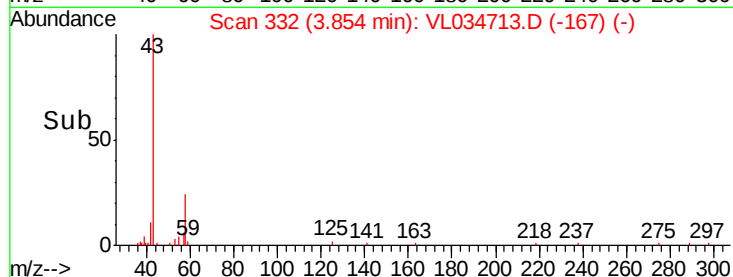
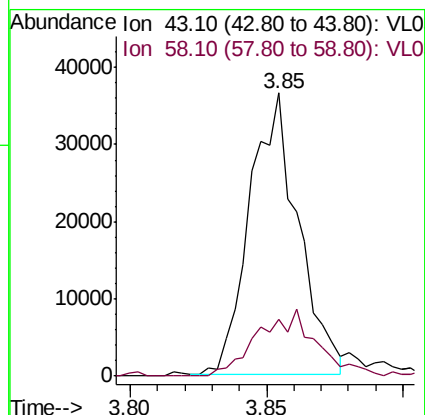
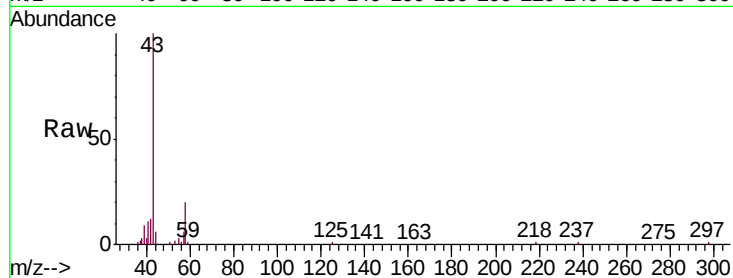




#15
Acetone
Concen: 0.363 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.03 min
Lab File: VL034713.D
Acq: 27 Feb 2020 17:53

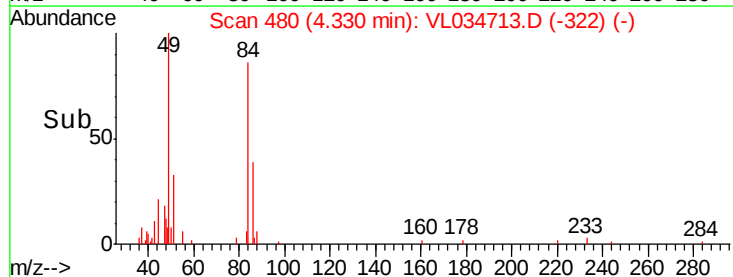
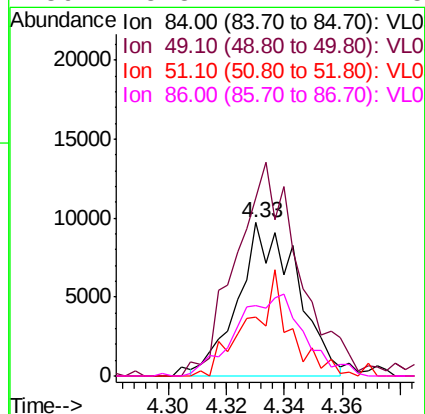
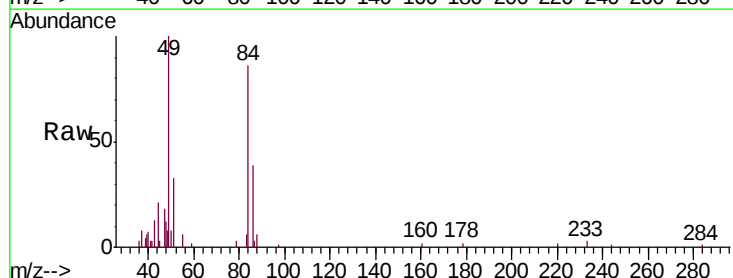
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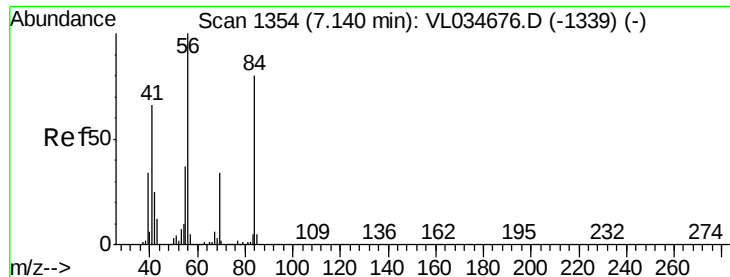
Tgt Ion: 43 Resp: 45001
Ion Ratio Lower Upper
43 100
58 29.2 21.4 32.0



#20
Methylene Chloride
Concen: 0.296 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.01 min
Lab File: VL034713.D
Acq: 27 Feb 2020 17:53

Tgt Ion: 84 Resp: 13641
Ion Ratio Lower Upper
84 100
49 111.2 122.8 184.2#
51 39.7 38.6 58.0
86 45.8 47.7 71.5#

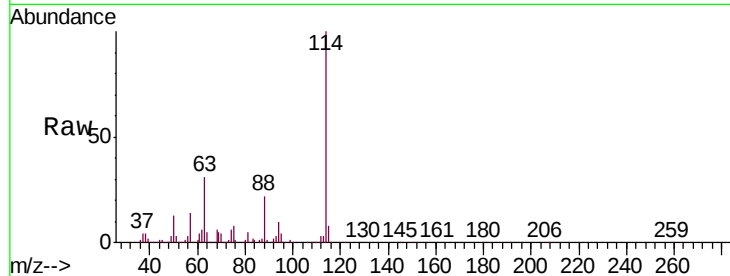




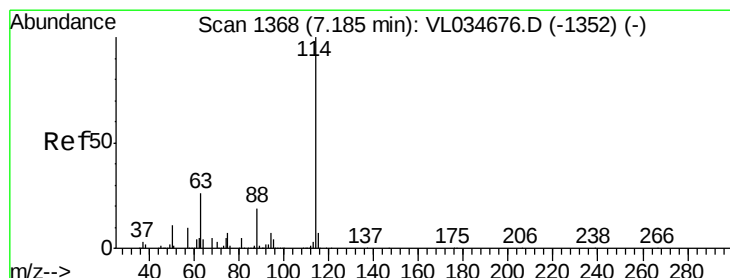
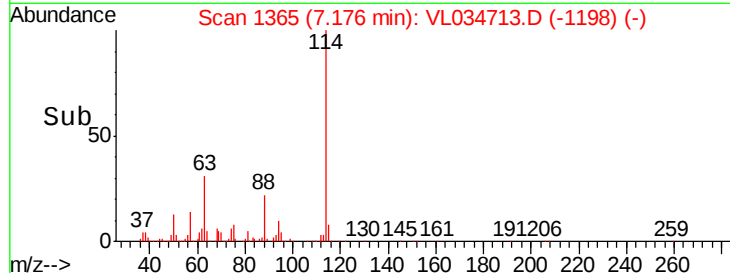
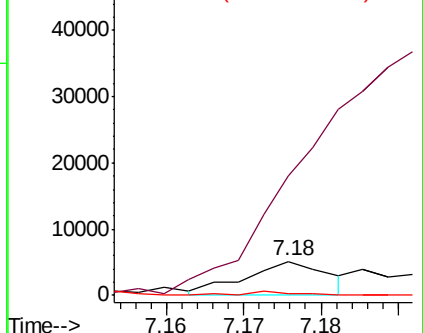
#30
Cyclohexane
Concen: 0.049 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.04 min
Lab File: VL034713.D
Acq: 27 Feb 2020 17:53

Instrument :
MSVOA_L
ClientSampleId :
IAS-3-CAFETERIADL

Tgt Ion: 84 Resp: 3827
Ion Ratio Lower Upper
84 100
56 0.0 113.4 170.2#
41 17.2 68.2 102.4#

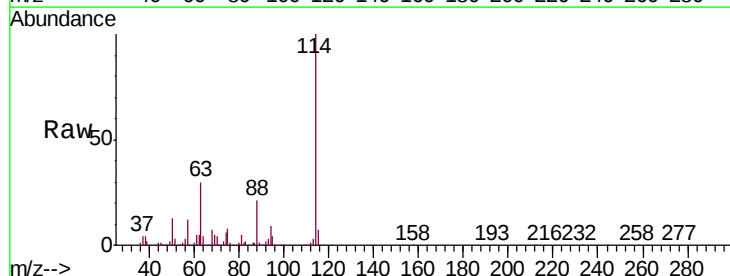


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

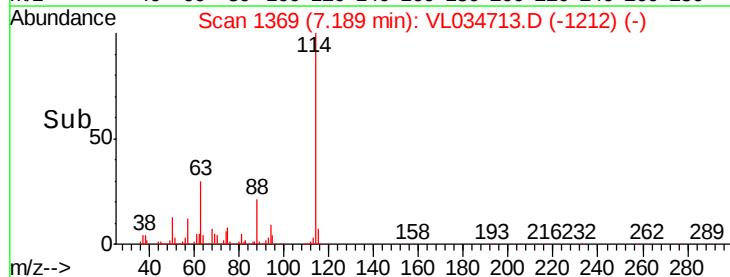
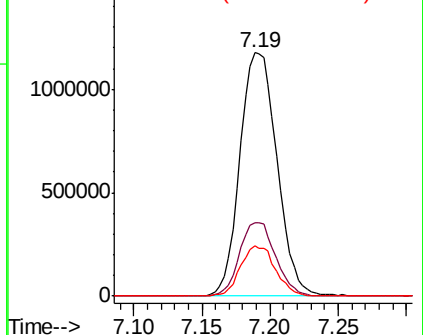


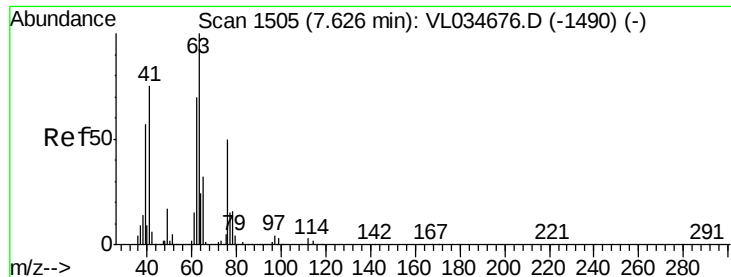
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VL034713.D
Acq: 27 Feb 2020 17:53

Tgt Ion: 114 Resp: 2221856
Ion Ratio Lower Upper
114 100
63 29.5 22.9 34.3
88 19.6 15.8 23.6



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

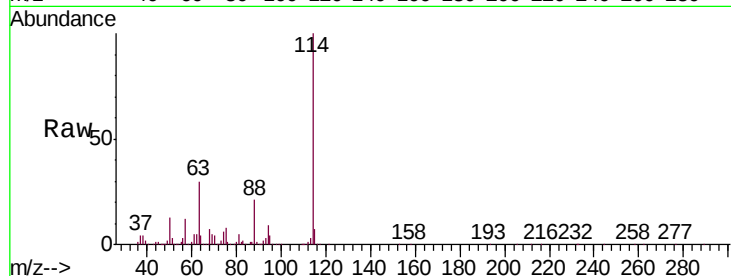




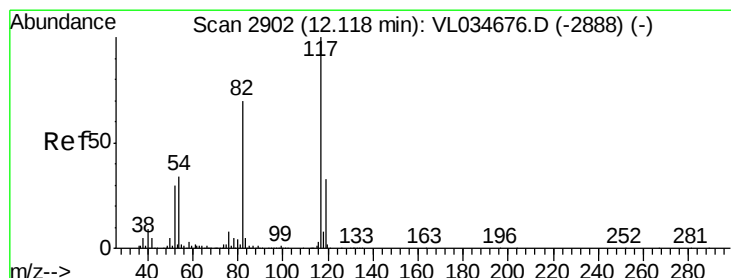
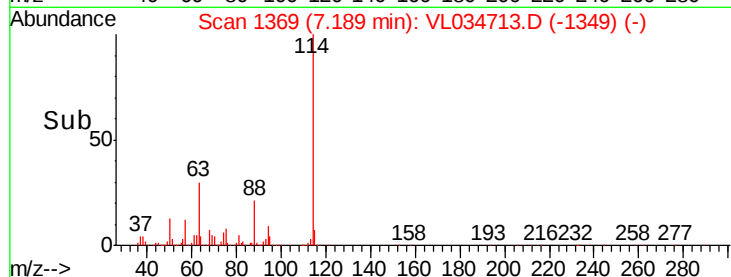
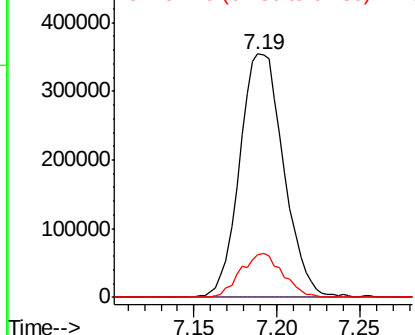
#39
 1,2-Dichloropropane
 Concen: 8.550 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.44 min
 Lab File: VL034713.D
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 MSVOA_L
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Tgt Ion: 63 Resp: 652773
 Ion Ratio Lower Upper
 63 100
 41 0.0 60.2 90.4#
 62 17.3 56.3 84.5#

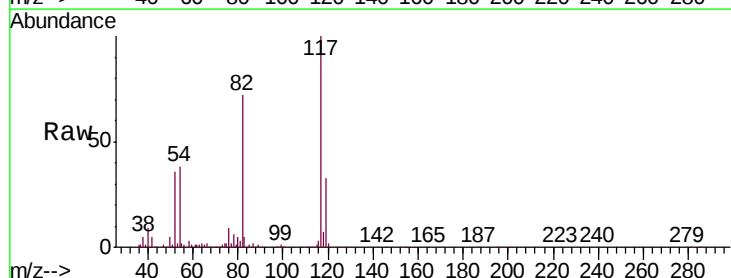


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

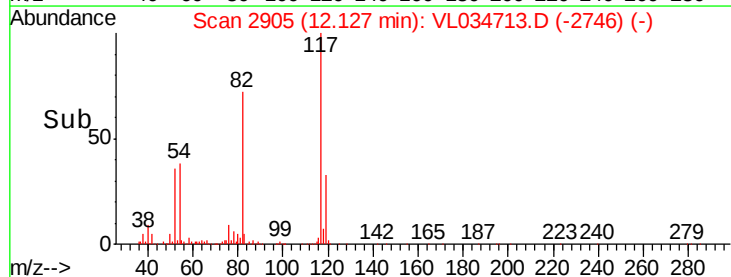
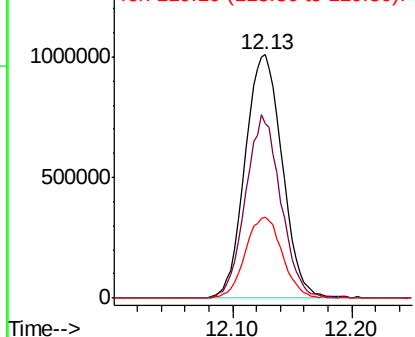


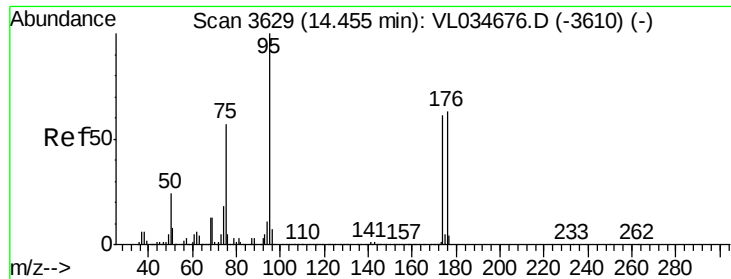
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.13 min Scan# 2905
 Delta R.T. 0.01 min
 Lab File: VL034713.D
 Acq: 27 Feb 2020 17:53

Tgt Ion: 117 Resp: 2179115
 Ion Ratio Lower Upper
 117 100
 82 71.6 54.1 81.1
 119 33.3 27.6 41.4



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.326 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. 0.01 min

Lab File: VL034713.D

Acq: 27 Feb 2020 17:53

Instrument :

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ClientSampleId :

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Tgt Ion: 95 Resp: 1844982

Ion Ratio Lower Upper

95 100

174 63.9 50.7 76.1

175 4.8 3.9 5.9

