

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112918\
Quantitation Report (Not Reviewed)

Data File : VL032831.D
Acq On : 29 Nov 2018 12:10
Operator : SY/AP
Sample : VL1129ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1129ABL01

Quant Time: Nov 30 06:22:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1405547	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3586381	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3449029	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2571399	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

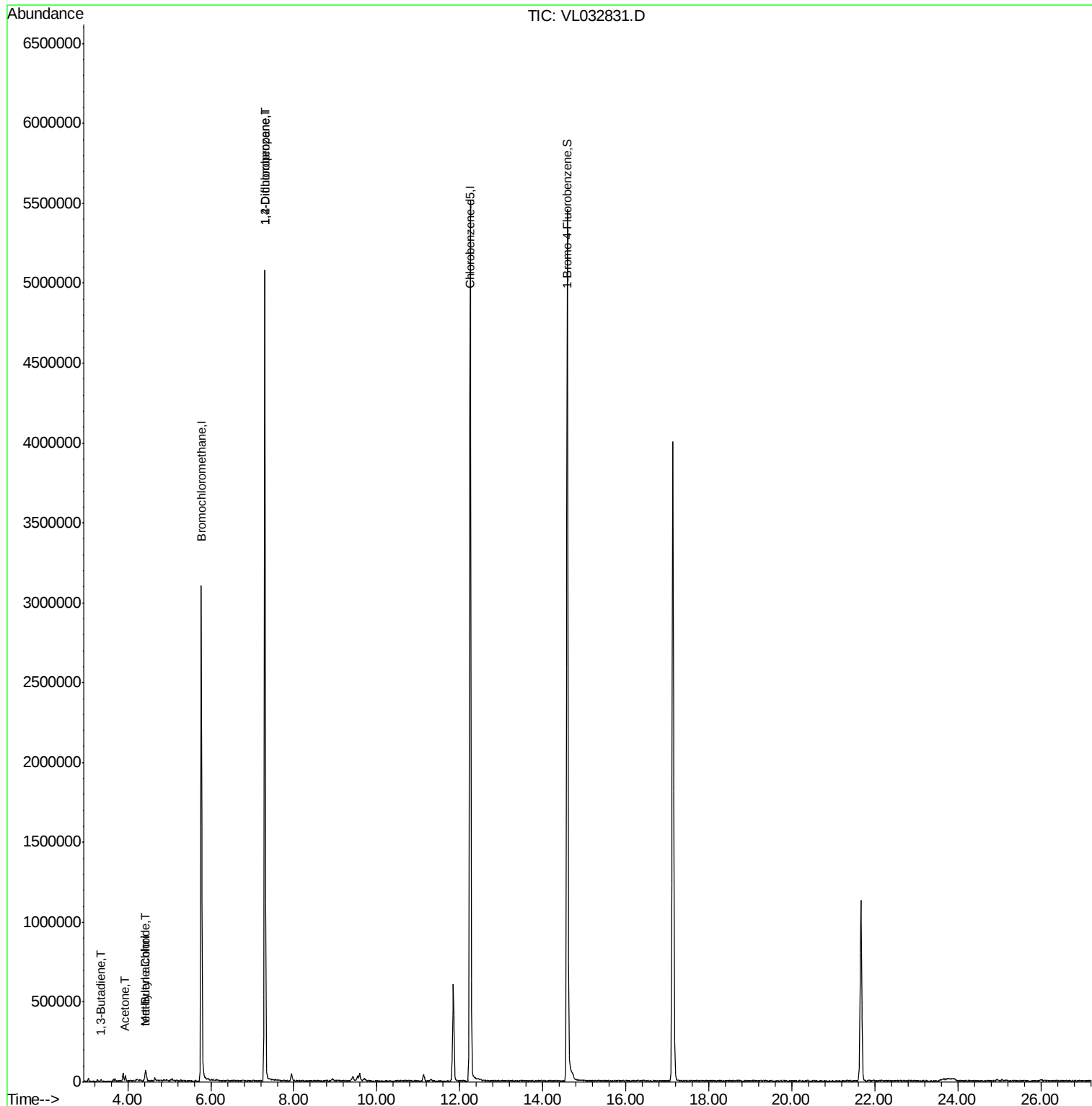
Target Compounds						Qvalue
15) Acetone	3.94	43	33288	0.259	ppbv	93
16) 1,3-Butadiene	3.36	39	1824	0.037	ppbv #	15
17) tert-Butyl alcohol	4.41	59	1600	0.040	ppbv #	9
20) Methylene Chloride	4.42	84	15013	0.226	ppbv	87
39) 1,2-Dichloropropane	7.30	63	878446	8.073	ppbv #	23

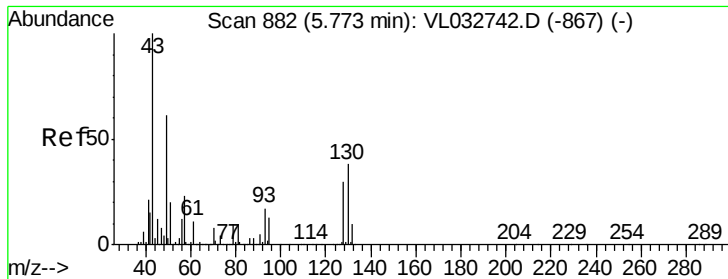
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. -0.00 min

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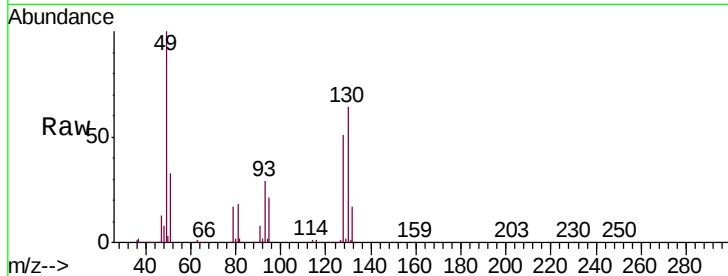
Tgt Ion: 49 Resp: 1405547

Ion Ratio Lower Upper

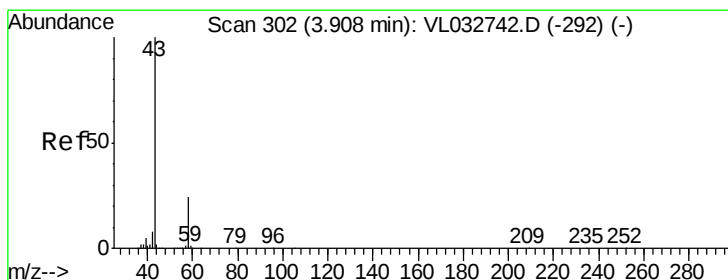
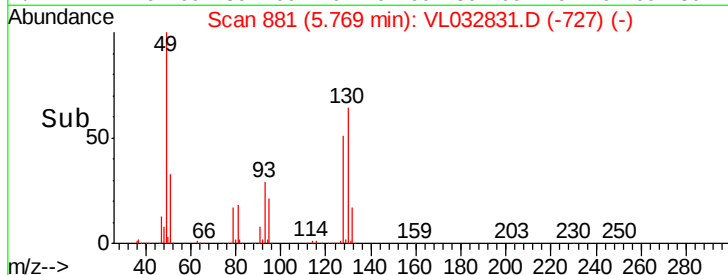
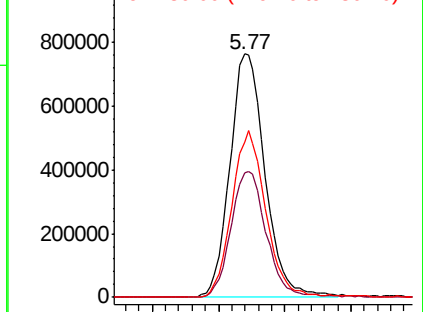
49 100

128 52.2 24.9 74.6

130 67.1 31.4 94.2



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



#15

Acetone

Concen: 0.259 ppbv

RT: 3.94 min Scan# 312

Delta R.T. 0.03 min

Lab File: VL032831.D

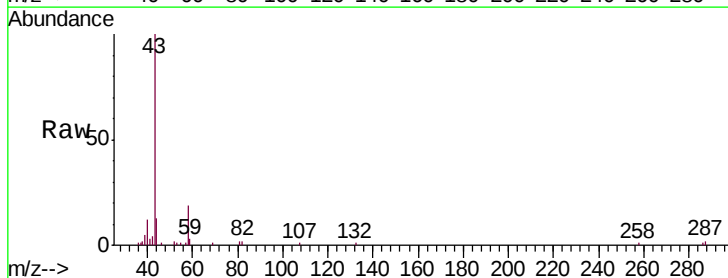
Acq: 29 Nov 2018 12:10

Tgt Ion: 43 Resp: 33288

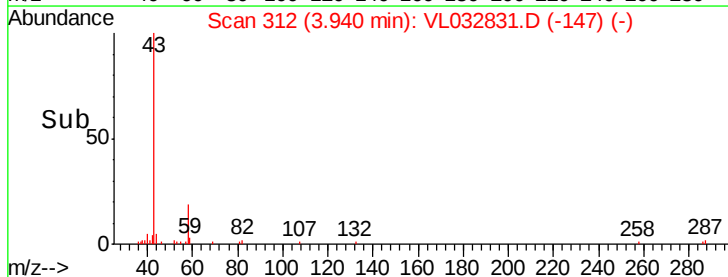
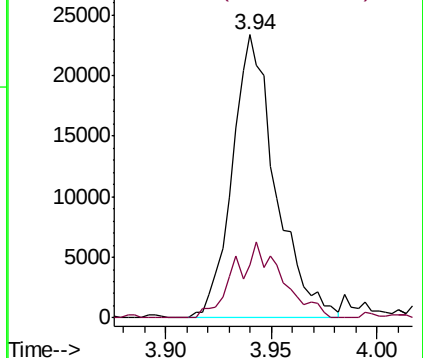
Ion Ratio Lower Upper

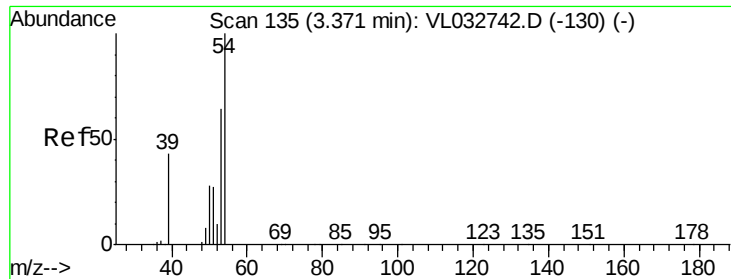
43 100

58 29.9 21.1 31.7



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





#16

1,3-Butadiene

Concen: 0.037 ppbv

RT: 3.36 min Scan# 131

Delta R.T. -0.01 min

Lab File: VL032831.D

Acq: 29 Nov 2018 12:10

Instrument :

MSVOA_L

ClientSampleId :

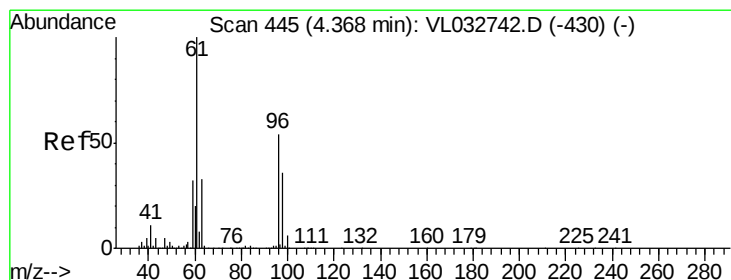
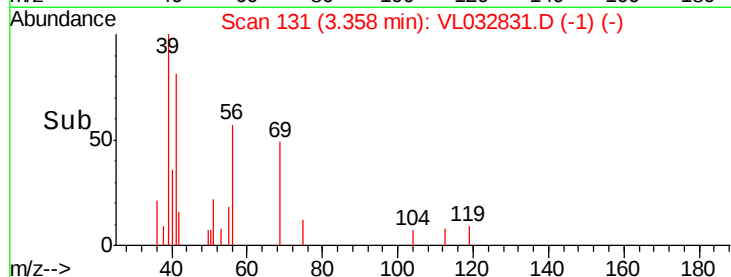
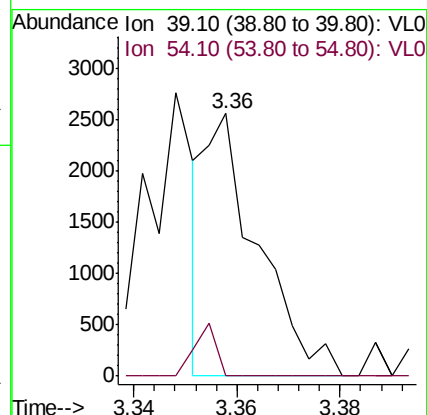
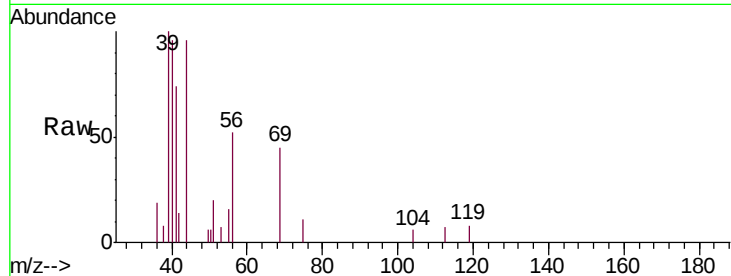
VL1129ABL01

Tgt Ion: 39 Resp: 1824

Ion Ratio Lower Upper

39 100

54 8.1 68.9 103.3#



#17

tert-Butyl alcohol

Concen: 0.040 ppbv

RT: 4.41 min Scan# 459

Delta R.T. 0.04 min

Lab File: VL032831.D

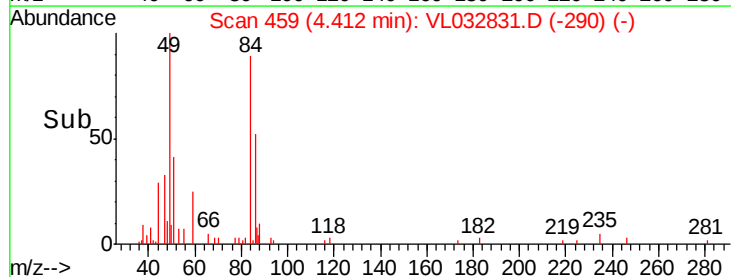
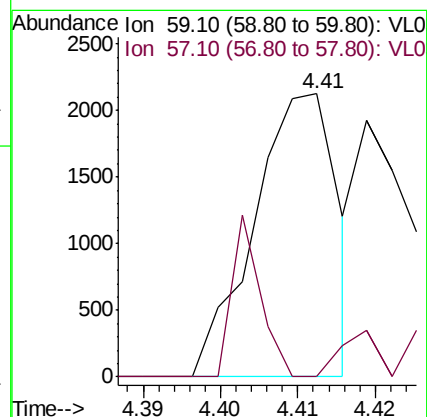
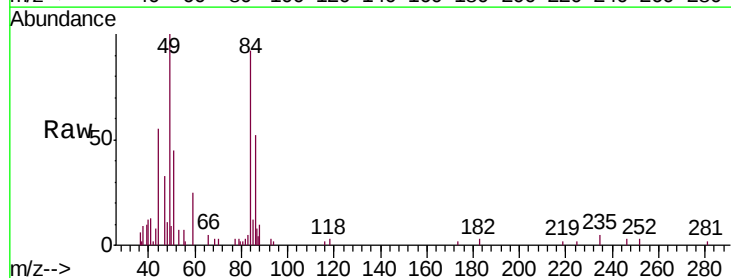
Acq: 29 Nov 2018 12:10

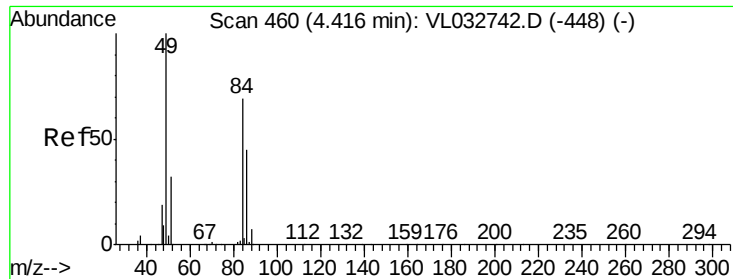
Tgt Ion: 59 Resp: 1600

Ion Ratio Lower Upper

59 100

57 43.5 7.8 11.8#

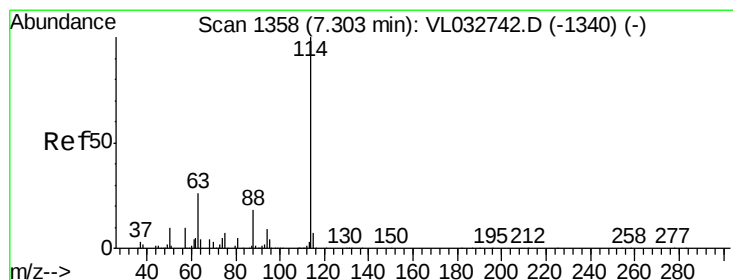
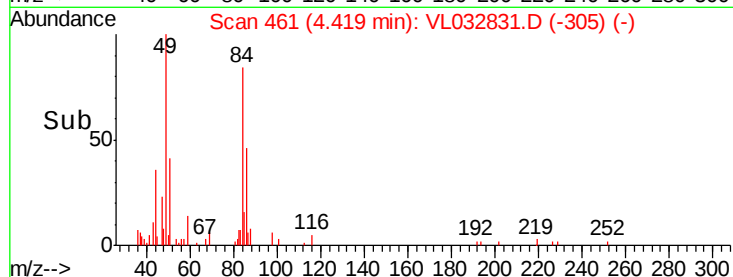
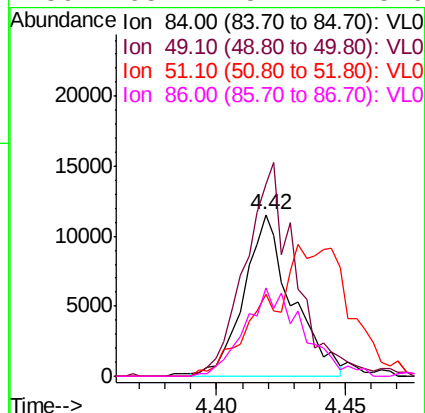
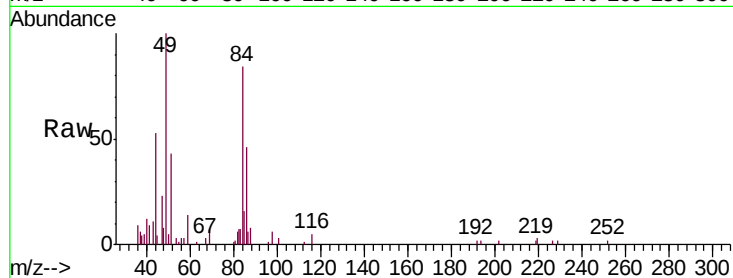




#20
Methylene Chloride
Concen: 0.226 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032831.D
Acq: 29 Nov 2018 12:10

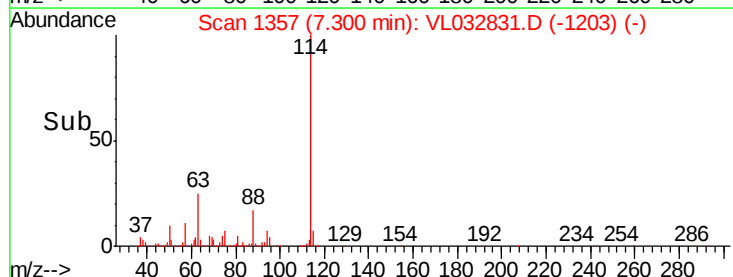
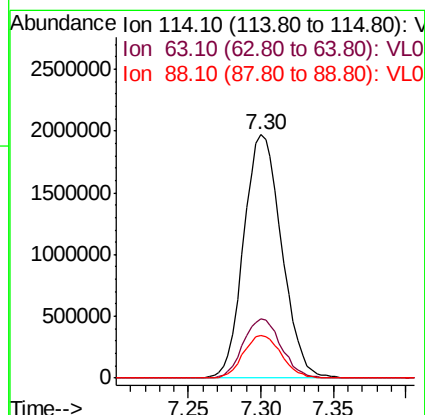
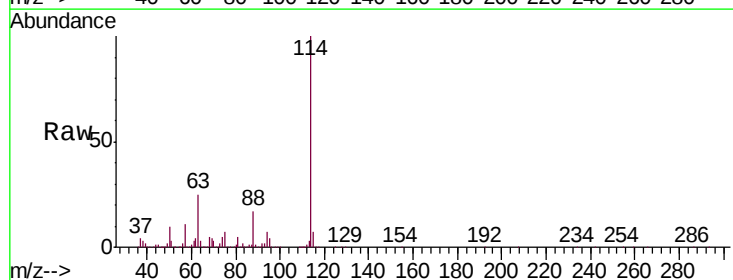
Instrument :
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VL1129ABL01

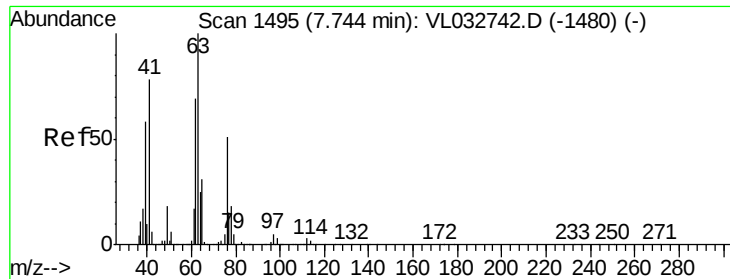
Tgt Ion: 84 Resp: 15013
Ion Ratio Lower Upper
84 100
49 121.6 115.8 173.6
51 52.2 36.9 55.3
86 63.2 52.4 78.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL032831.D
Acq: 29 Nov 2018 12:10

Tgt Ion: 114 Resp: 3586381
Ion Ratio Lower Upper
114 100
63 24.6 20.9 31.3
88 17.6 14.4 21.6





#39

1,2-Dichloropropane

Concen: 8.073 ppbv

RT: 7.30 min Scan# 1357

Delta R.T. -0.44 min

Lab File: VL032831.D

Acq: 29 Nov 2018 12:10

Instrument :

MSVOA_L

ClientSampleId :

VL1129ABL01

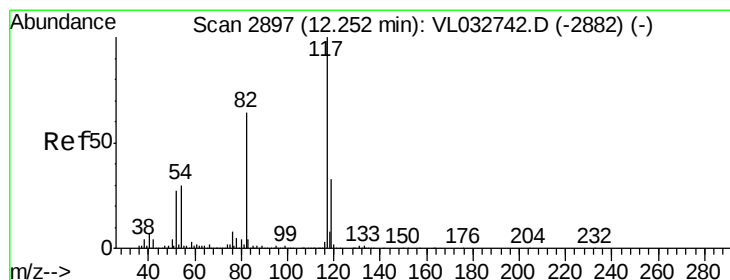
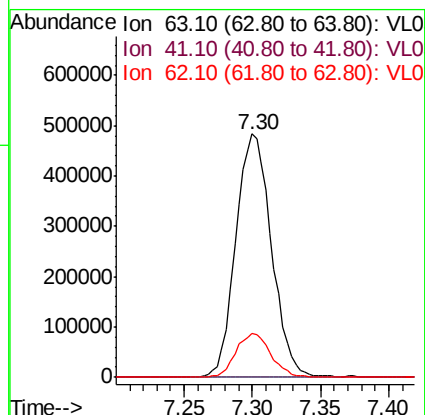
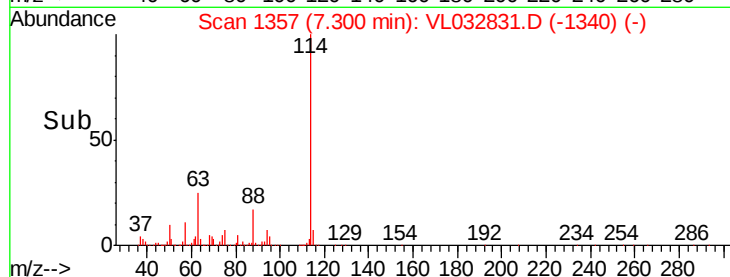
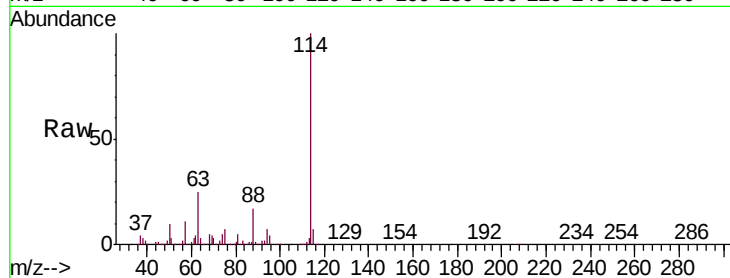
Tgt Ion: 63 Resp: 878446

Ion Ratio Lower Upper

63 100

41 0.1 62.0 93.0#

62 18.0 55.4 83.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2897

Delta R.T. -0.00 min

Lab File: VL032831.D

Acq: 29 Nov 2018 12:10

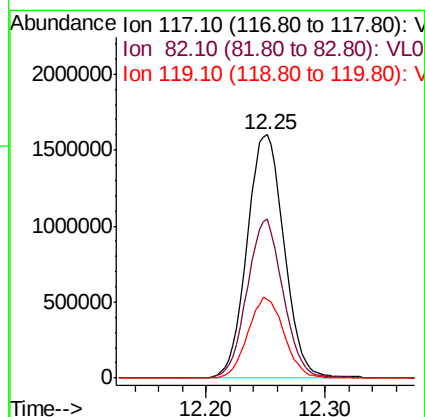
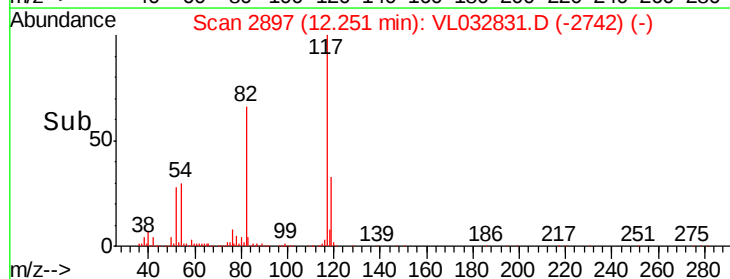
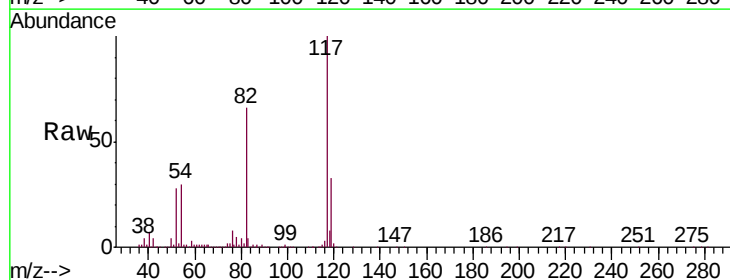
Tgt Ion: 117 Resp: 3449029

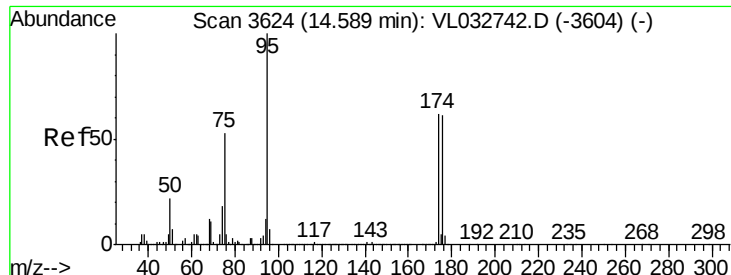
Ion Ratio Lower Upper

117 100

82 63.5 51.0 76.6

119 32.5 28.0 42.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.968 ppbv

RT: 14.59 min Scan# 3624

Delta R.T. -0.00 min

Lab File: VL032831.D

Acq: 29 Nov 2018 12:10

Instrument :

MSVOA_L

ClientSampleId :

VL1129ABL01

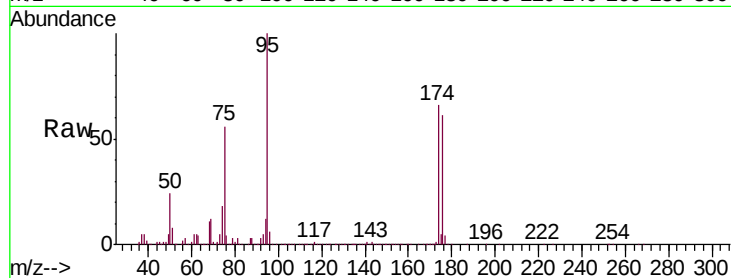
Tgt Ion: 95 Resp: 2571399

Ion Ratio Lower Upper

95 100

174 66.3 50.7 76.1

175 4.8 3.8 5.6



Abundance

Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

