

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\
Quantitation Report (Not Reviewed)

Data File : VL032739.D
Acq On : 8 Nov 2018 5:51
Operator : SY/AP
Sample : QC110118 CAN 10278
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC110118 CAN 10278

Quant Time: Nov 08 11:01:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1182676	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3119156	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.25	117	2942142	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2303503	10.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.41	84	3610	0.065	ppbv #	80
30) Cyclohexane	7.28	84	5044	0.054	ppbv #	1
36) Benzene	7.01	78	43488	0.172	ppbv #	92
39) 1,2-Dichloropropane	7.30	63	808168	8.263	ppbv #	26

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

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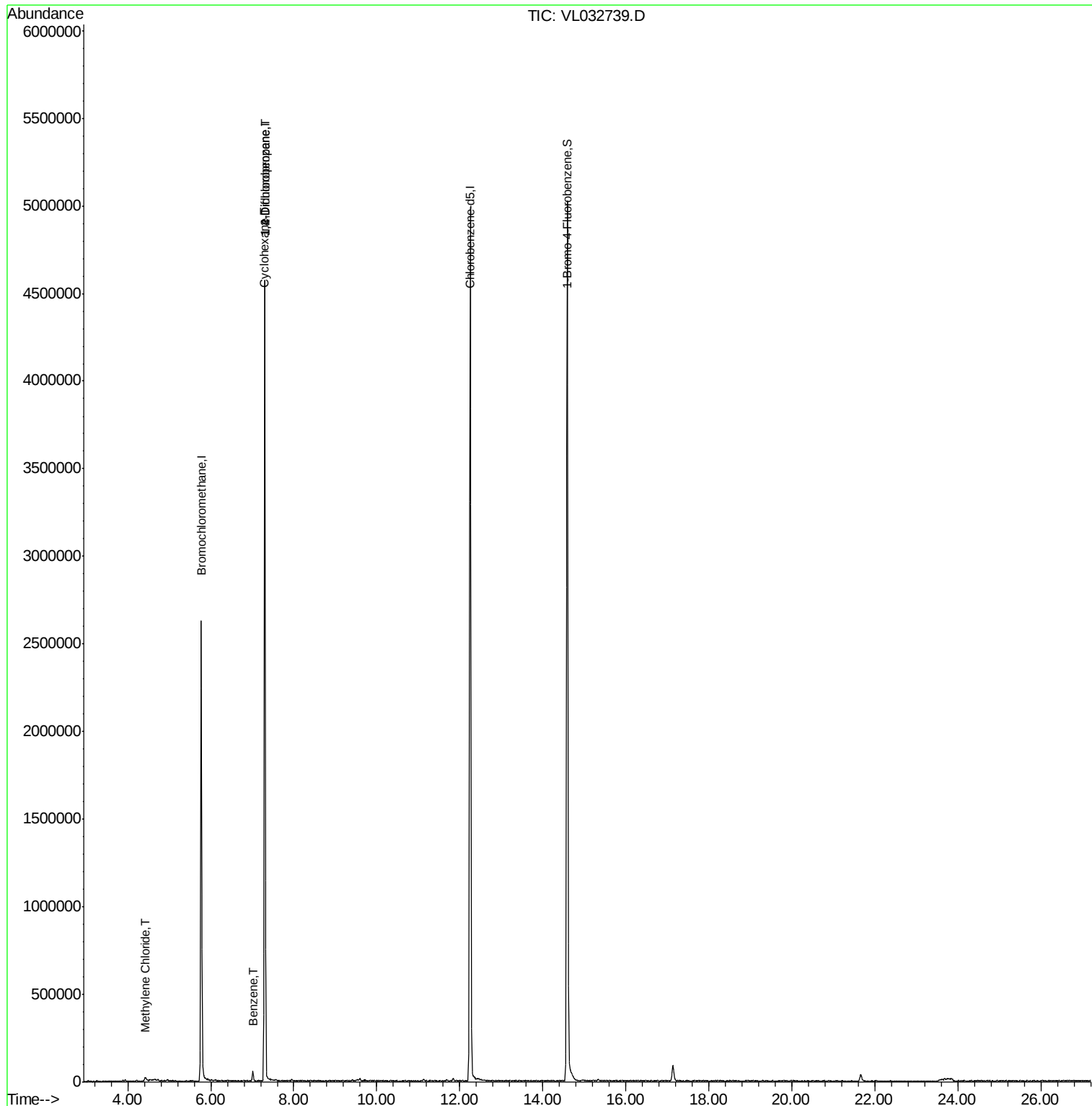
Quant Time: Nov 08 11:01:17 2018

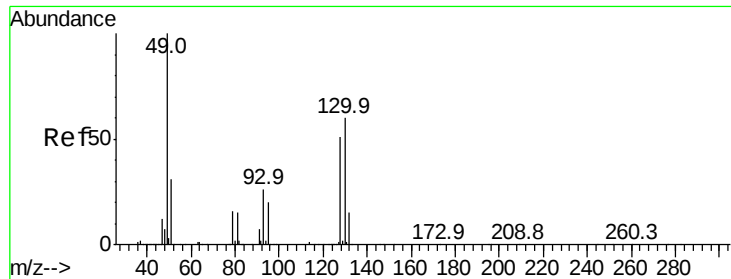
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018

QLast Update : Thu Oct 25 05:15:43 2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

QC110118 CAN 10278

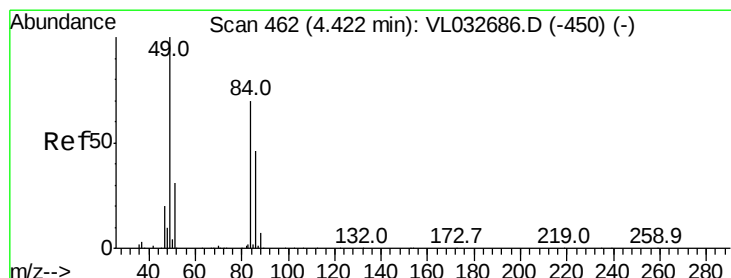
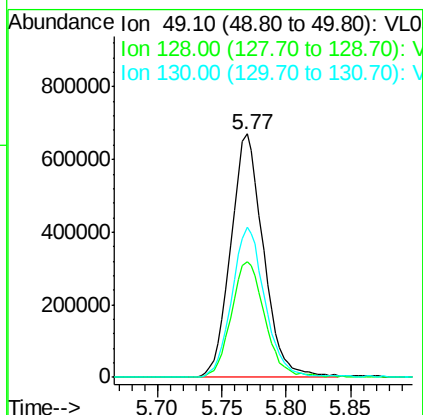
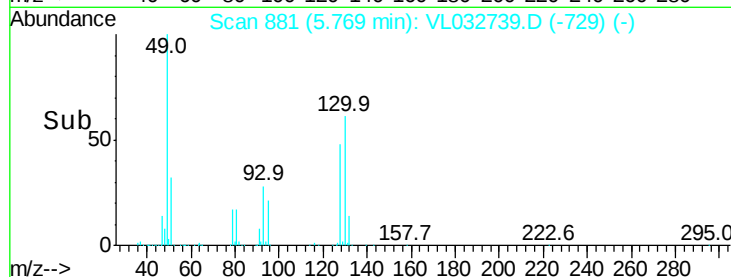
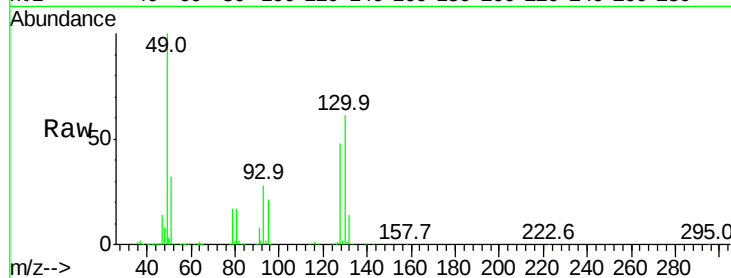
Tgt Ion: 49 Resp: 1182676

Ion Ratio Lower Upper

49 100

128 49.3 22.3 66.8

130 63.0 28.4 85.3



#20

Methylene Chloride

Concen: 0.065 ppbv

RT: 4.41 min Scan# 458

Delta R.T. -0.01 min

Lab File: VL032739.D

Acq: 8 Nov 2018 5:51

Tgt Ion: 84 Resp: 3610

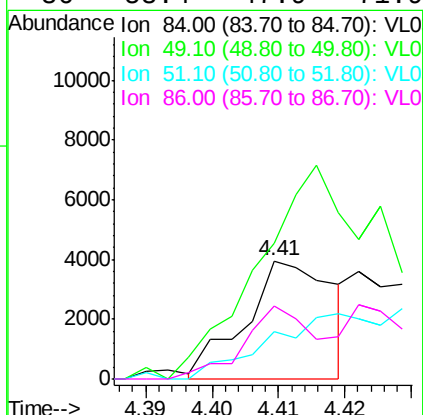
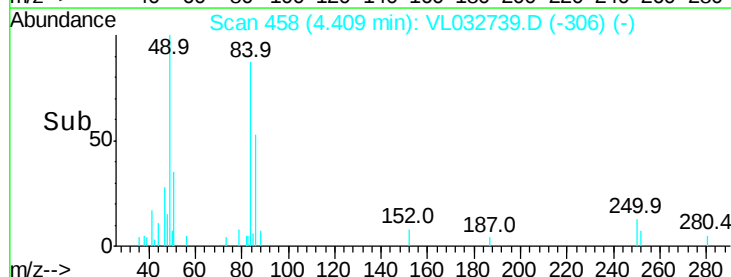
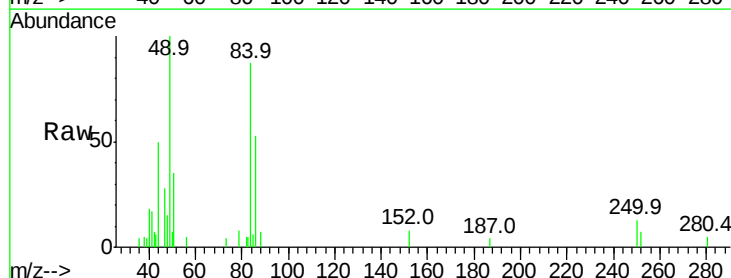
Ion Ratio Lower Upper

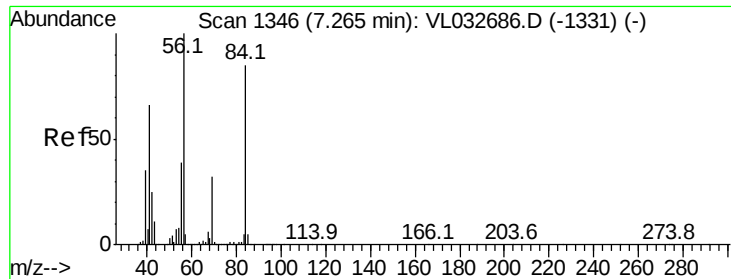
84 100

49 101.5 113.5 170.3#

51 41.9 34.8 52.2

86 58.4 47.9 71.9





#30

Cyclohexane

Concen: 0.054 ppbv

RT: 7.28 min Scan# 1352

Delta R.T. 0.02 min

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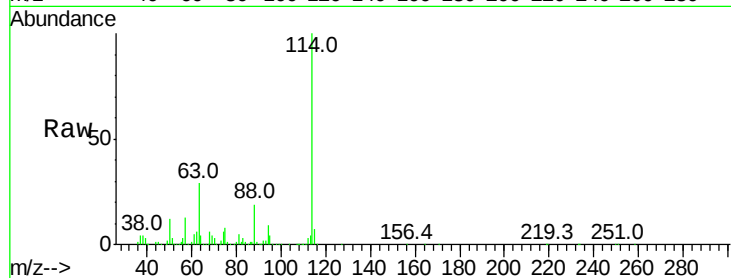
Tgt Ion: 84 Resp: 5044

Ion Ratio Lower Upper

84 100

56 0.0 108.3 162.5#

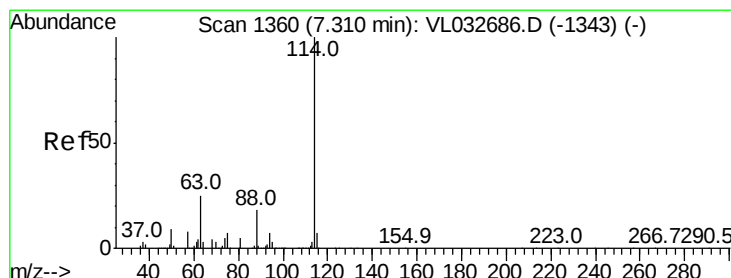
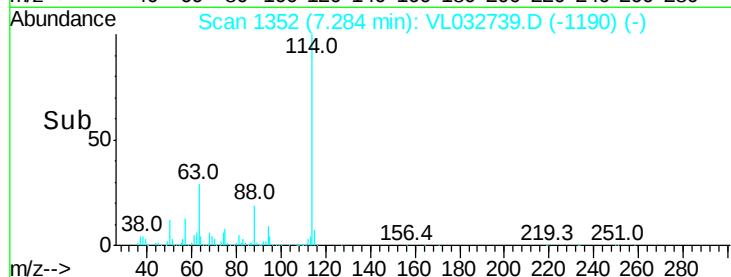
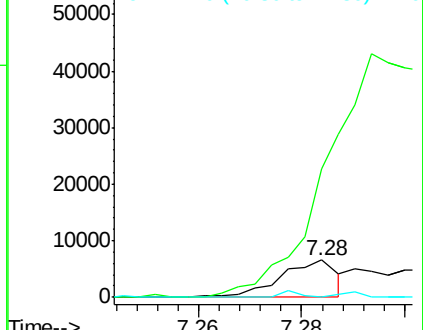
41 11.6 64.8 97.2#



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: 7.30 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VL032739.D

Acq: 8 Nov 2018 5:51

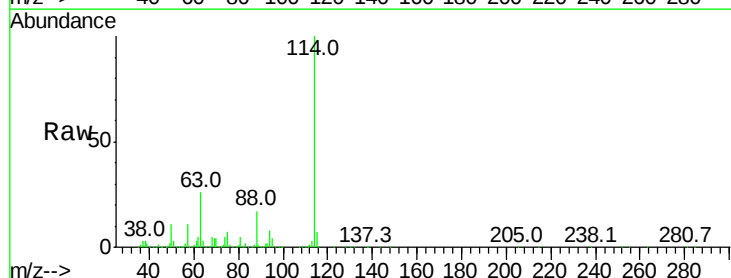
Tgt Ion: 114 Resp: 3119156

Ion Ratio Lower Upper

114 100

63 26.1 21.7 32.5

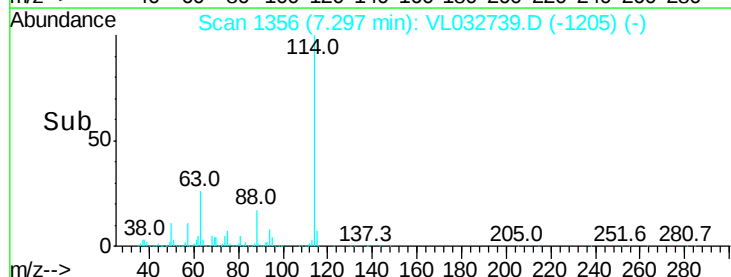
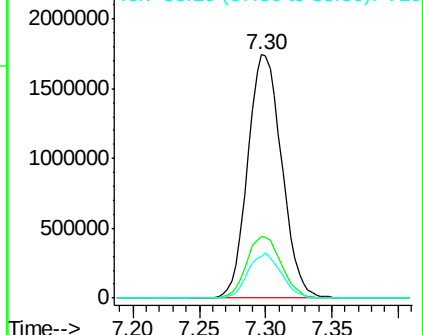
88 18.1 14.9 22.3

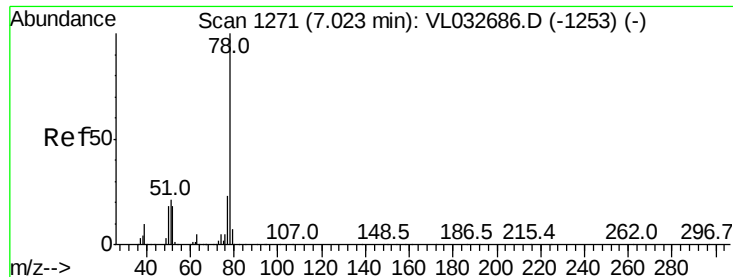


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#36

Benzene

Concen: 0.172 ppbv

RT: 7.01 min Scan# 1267

Delta R.T. -0.01 min

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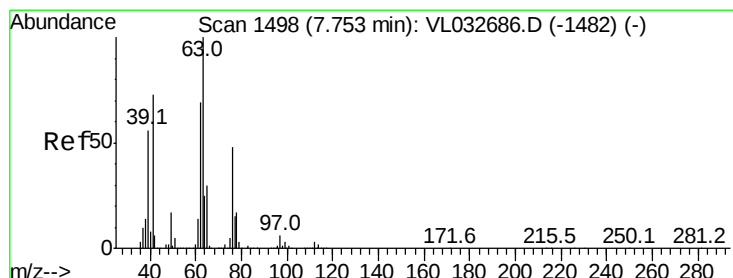
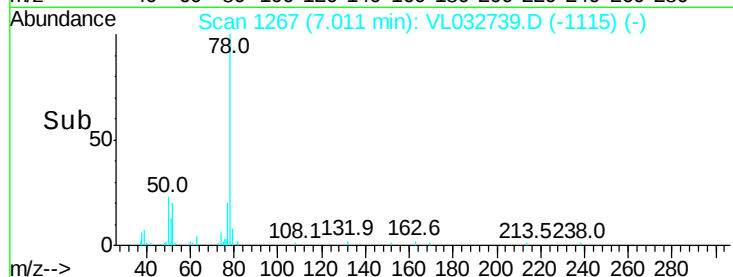
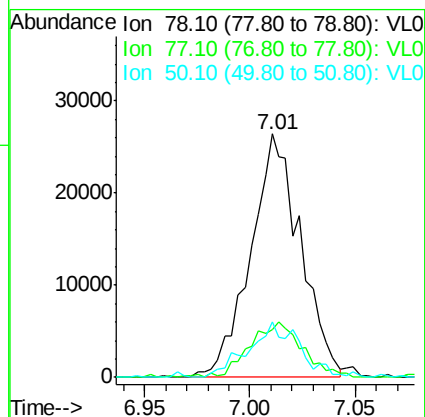
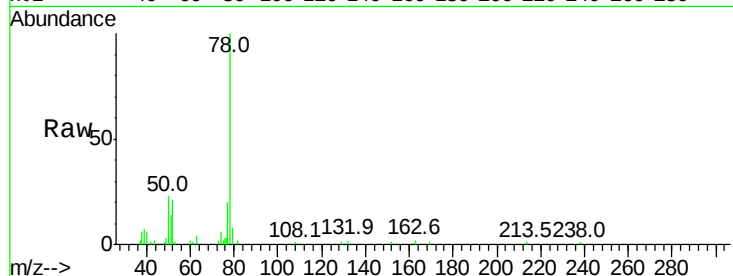
Tgt Ion: 78 Resp: 43488

Ion Ratio Lower Upper

78 100

77 18.8 18.1 27.1

50 22.8 15.1 22.7#



#39

1,2-Dichloropropane

Concen: 8.263 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.46 min

Lab File: VL032739.D

Acq: 8 Nov 2018 5:51

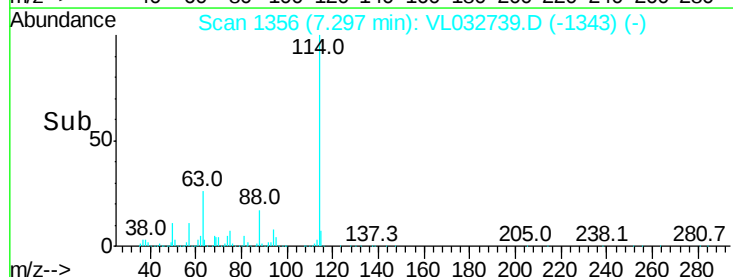
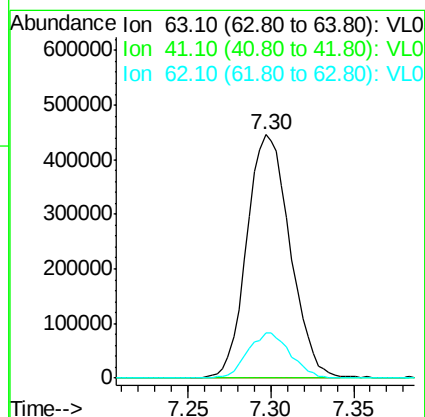
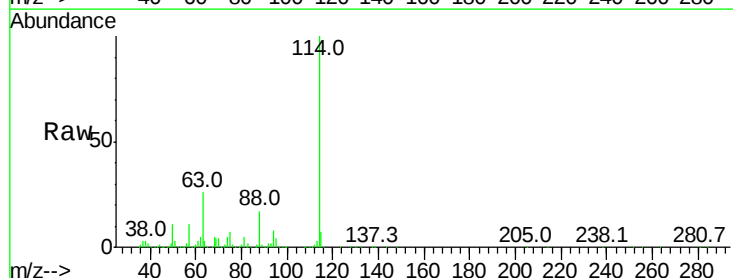
Tgt Ion: 63 Resp: 808168

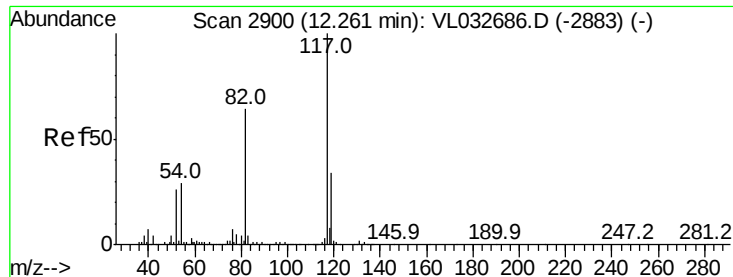
Ion Ratio Lower Upper

63 100

41 0.1 56.2 84.4#

62 18.5 54.4 81.6#

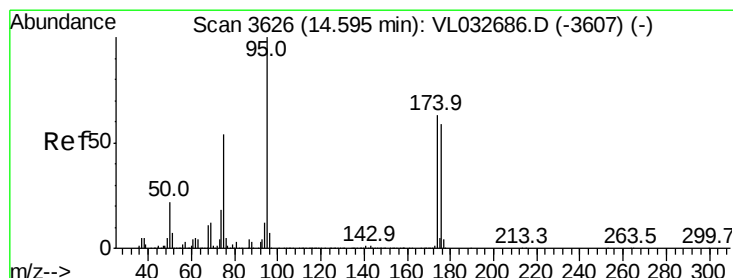
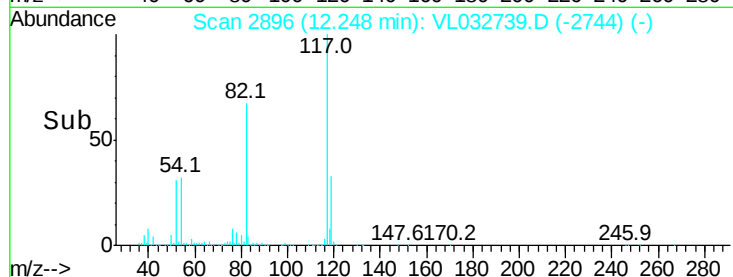
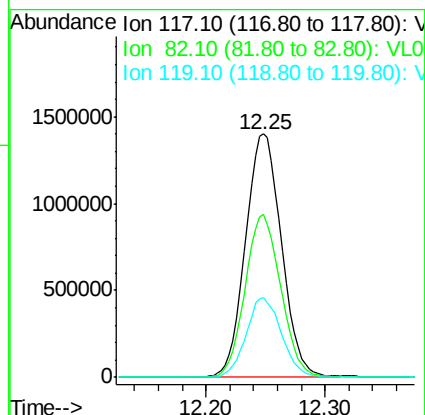
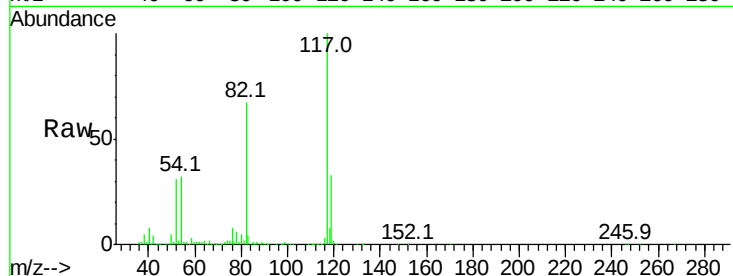




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.01 min
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Tgt Ion: 117 Resp: 2942142
Ion Ratio Lower Upper
117 100
82 66.8 52.7 79.1
119 32.3 26.7 40.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.515 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL032739.D
Acq: 8 Nov 2018 5:51

Tgt Ion: 95 Resp: 2303503
Ion Ratio Lower Upper
95 100
174 63.5 46.0 69.0
175 4.7 3.4 5.0

