

Data File : VL032715.D
Acq On : 7 Nov 2018 13:39
Operator : SY/AP
Sample : QC103018 CAN 10313
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC103018 CAN 10313

Quant Time: Nov 07 14:16:14 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	1567761	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3926050	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3578930	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2731345	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

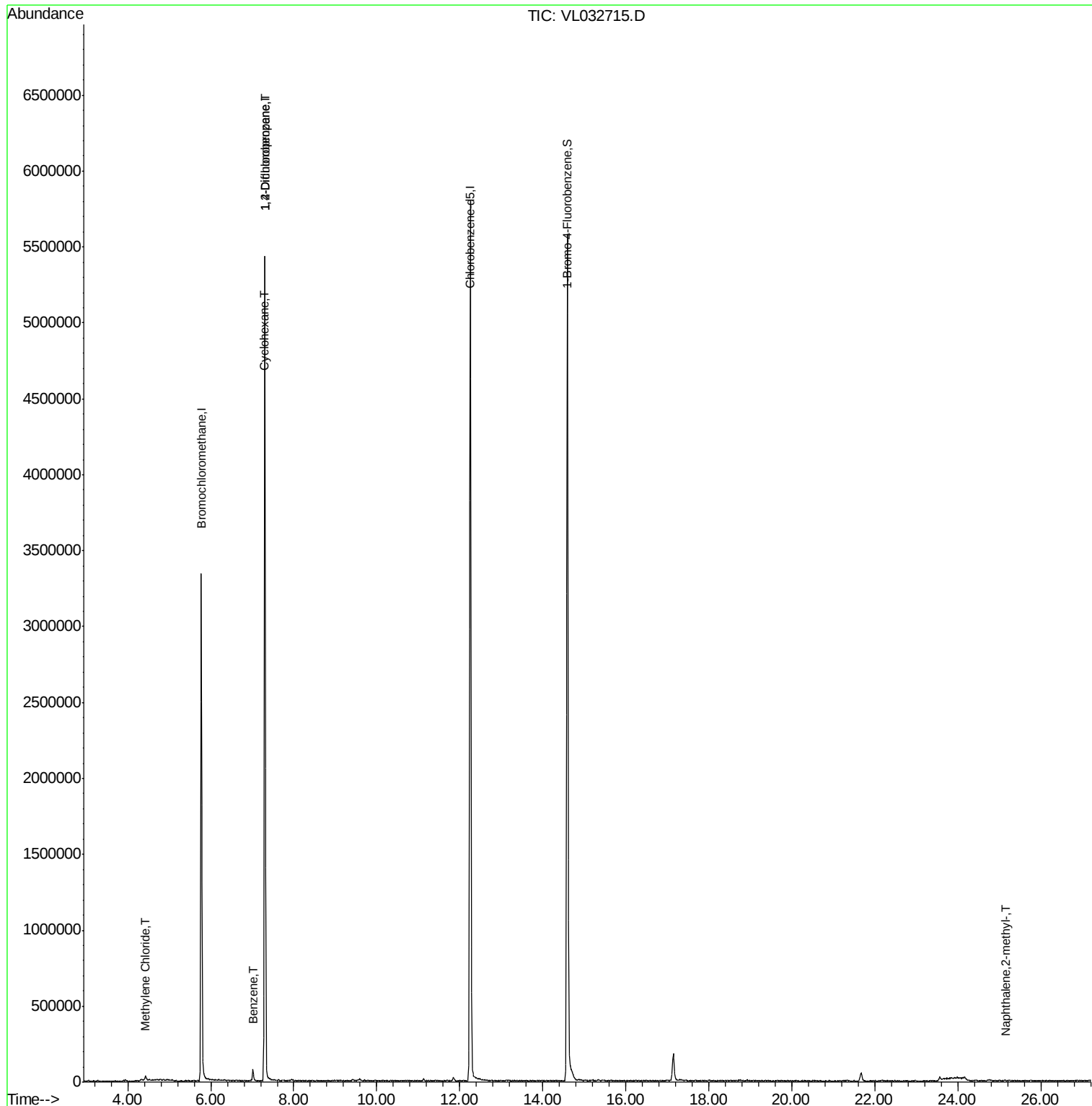
Target Compounds						Qvalue
20) Methylene Chloride	4.42	84	5909	0.080	ppbv #	91
30) Cyclohexane	7.28	84	6276	0.050	ppbv #	1
36) Benzene	7.01	78	60928	0.191	ppbv	96
39) 1,2-Dichloropropane	7.30	63	984635	7.998	ppbv #	25
80) Naphthalene,2-methyl-	25.14	142	2010	0.034	ppbv #	75

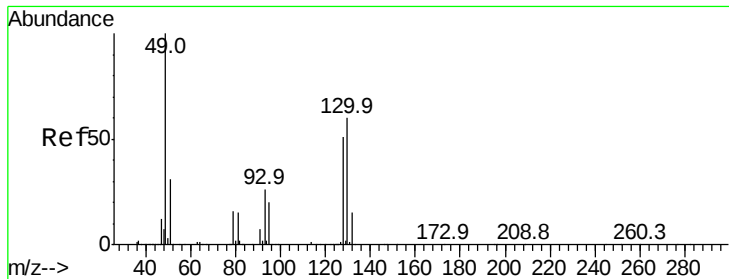
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

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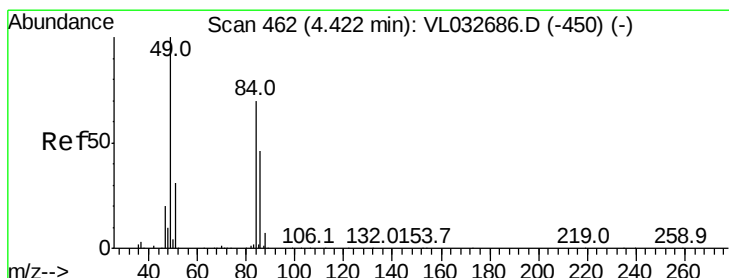
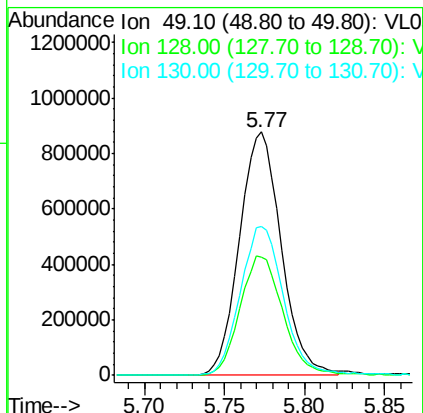
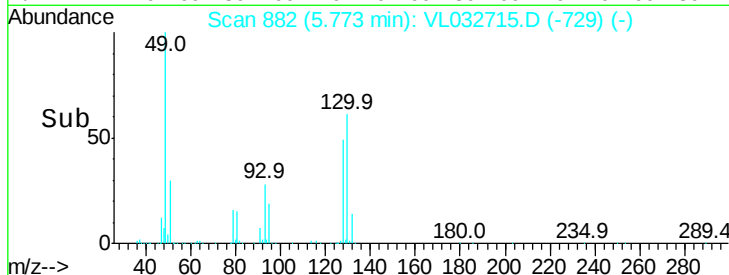
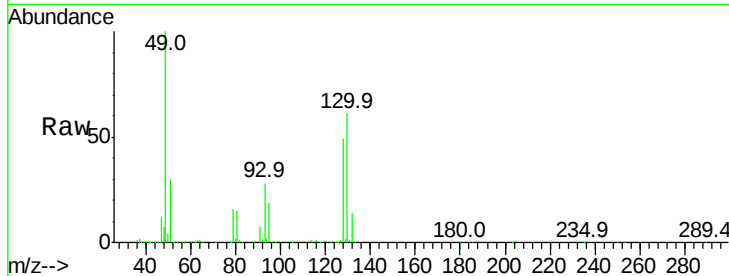
Tgt Ion: 49 Resp: 1567761

Ion Ratio Lower Upper

49 100

128 50.8 22.3 66.8

130 64.1 28.4 85.3



#20

Methylene Chloride

Concen: 0.080 ppbv

RT: 4.42 min Scan# 461

Delta R.T. -0.00 min

Lab File: VL032715.D

Acq: 7 Nov 2018 13:39

Tgt Ion: 84 Resp: 5909

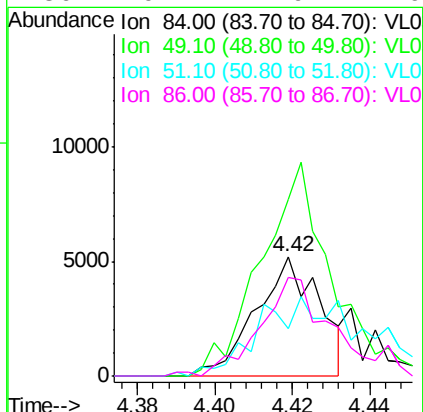
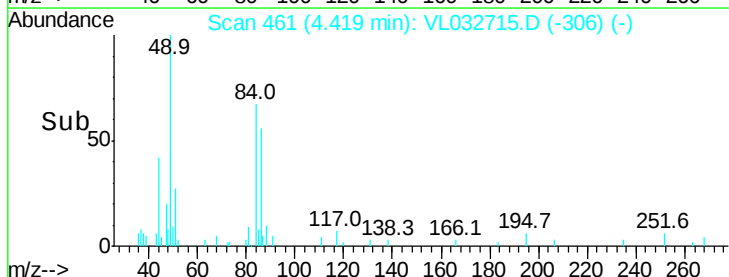
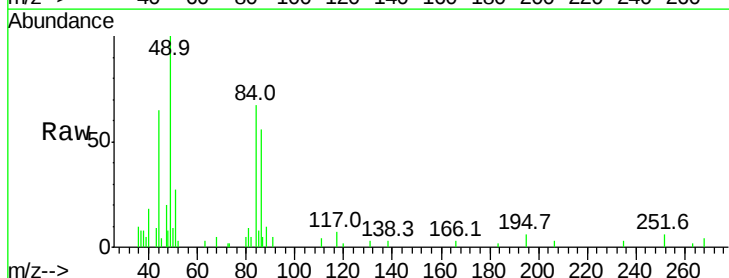
Ion Ratio Lower Upper

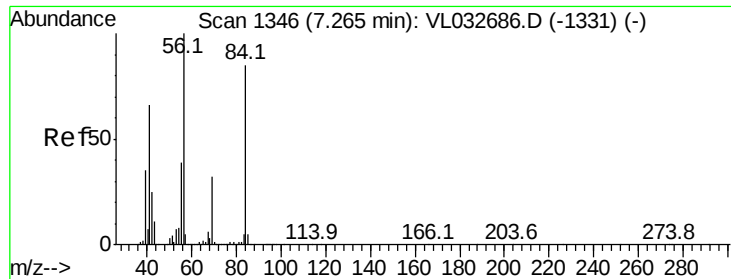
84 100

49 144.9 113.5 170.3

51 39.6 34.8 52.2

86 79.7 47.9 71.9#

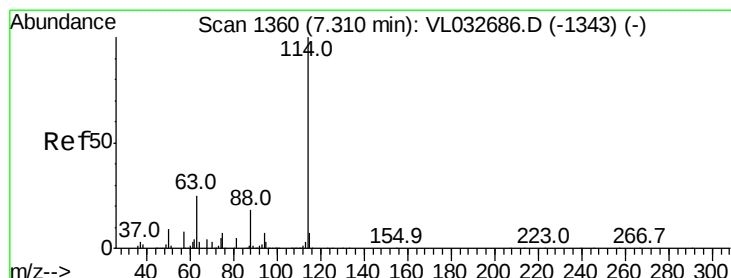
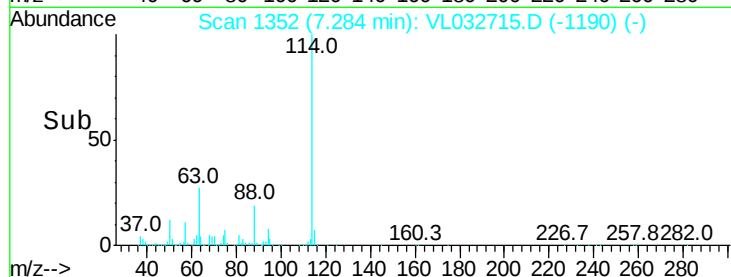
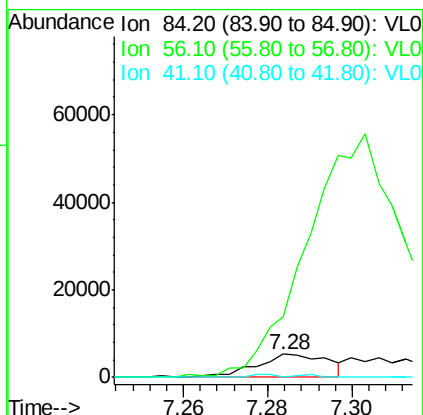
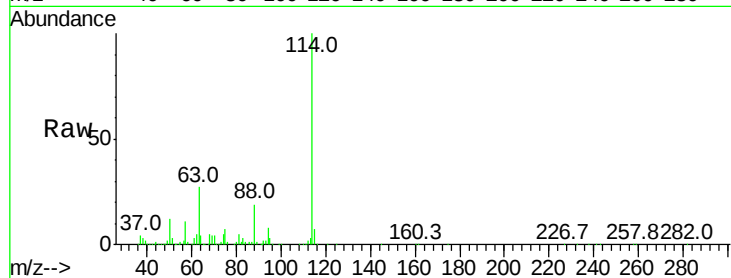




#30
Cyclohexane
Concen: 0.050 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. 0.02 min
Lab File: VL032715.D
Acq: 7 Nov 2018 13:39

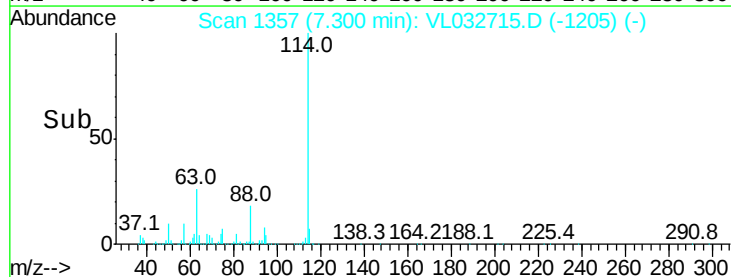
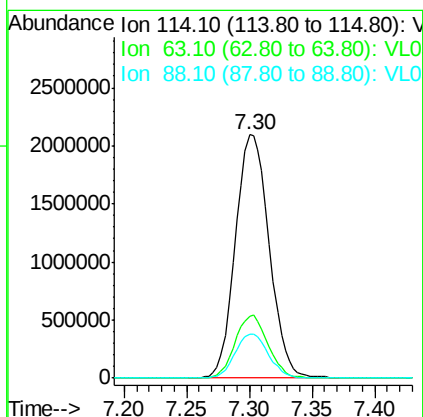
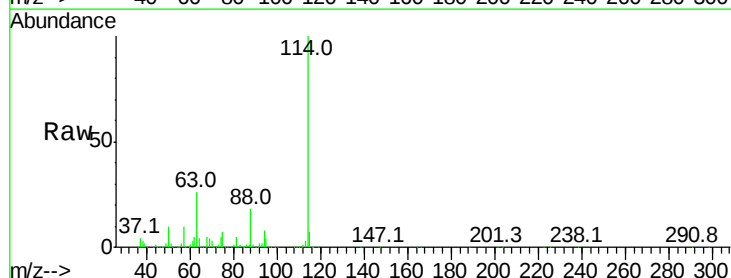
Instrument :
MSVOA_L
ClientSampleId :
QC103018 CAN 10313

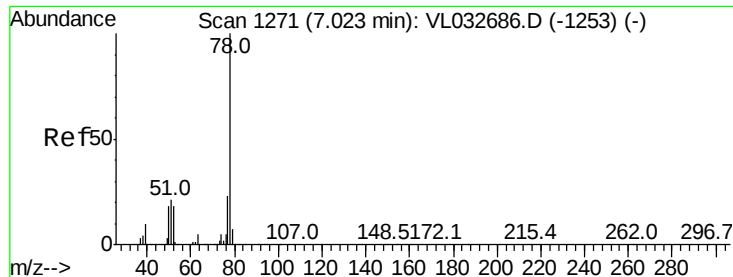
Tgt Ion: 84 Resp: 6276
Ion Ratio Lower Upper
84 100
56 0.0 108.3 162.5#
41 7.7 64.8 97.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VL032715.D
Acq: 7 Nov 2018 13:39

Tgt Ion: 114 Resp: 3926050
Ion Ratio Lower Upper
114 100
63 25.3 21.7 32.5
88 18.0 14.9 22.3





#36

Benzene

Concen: 0.191 ppbv

RT: 7.01 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VL032715.D

Acq: 7 Nov 2018 13:39

Instrument :

MSVOA_L

ClientSampleId :

QC103018 CAN 10313

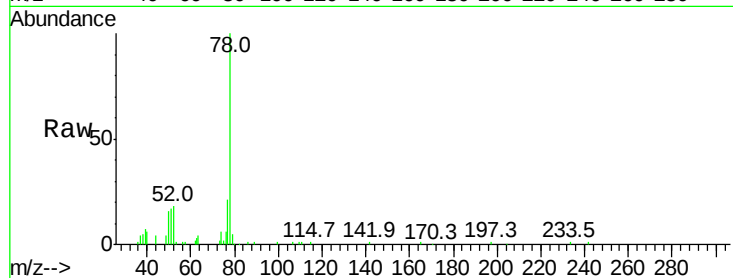
Tgt Ion: 78 Resp: 60928

Ion Ratio Lower Upper

78 100

77 21.1 18.1 27.1

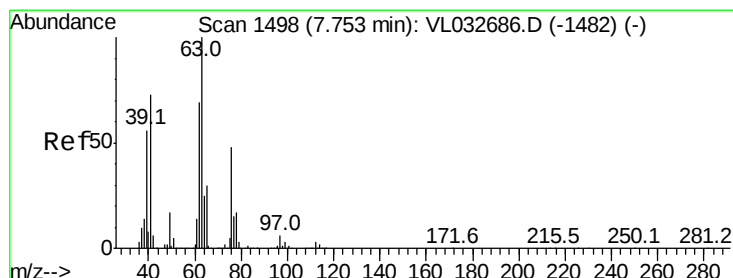
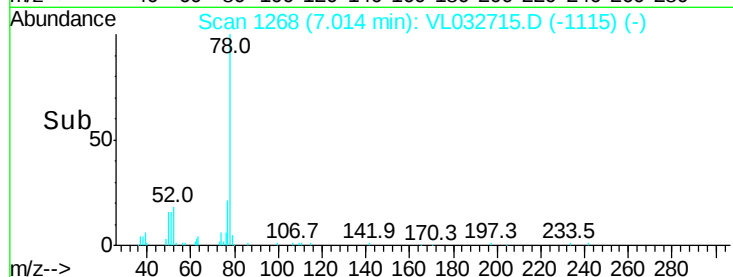
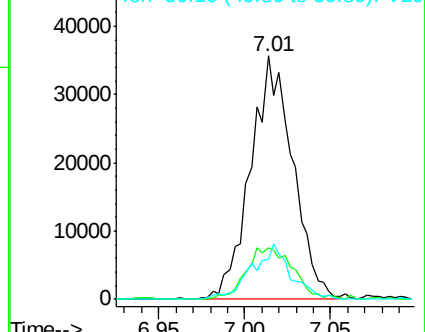
50 16.3 15.1 22.7



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#39

1,2-Dichloropropane

Concen: 7.998 ppbv

RT: 7.30 min Scan# 1358

Delta R.T. -0.45 min

Lab File: VL032715.D

Acq: 7 Nov 2018 13:39

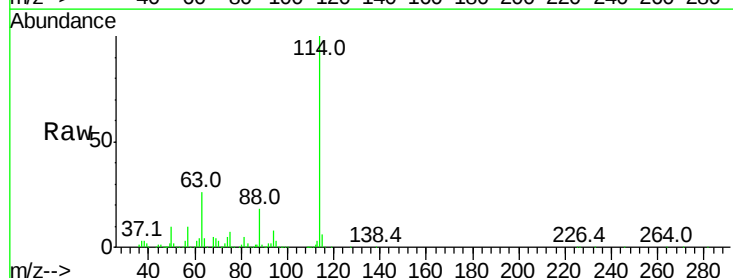
Tgt Ion: 63 Resp: 984635

Ion Ratio Lower Upper

63 100

41 0.0 56.2 84.4#

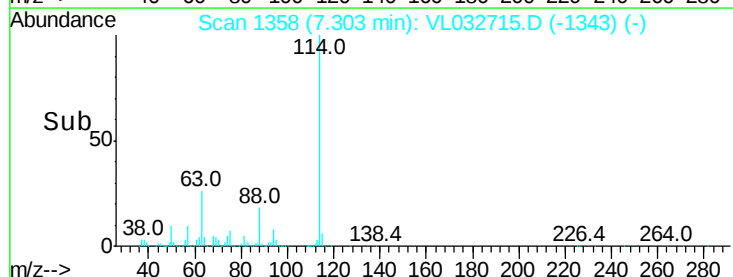
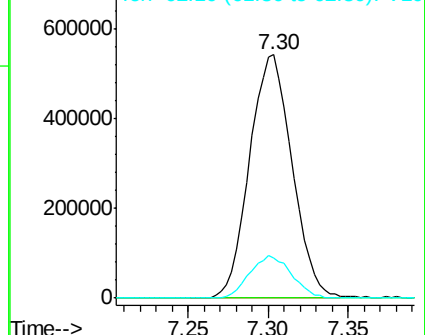
62 16.7 54.4 81.6#

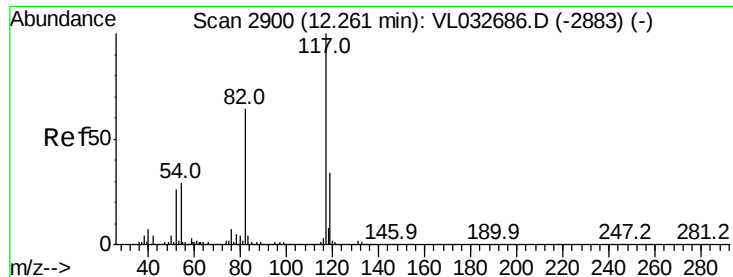


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

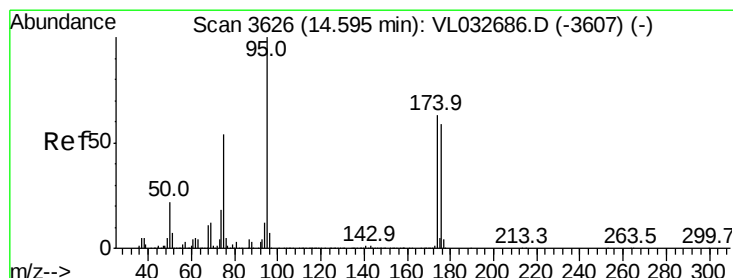
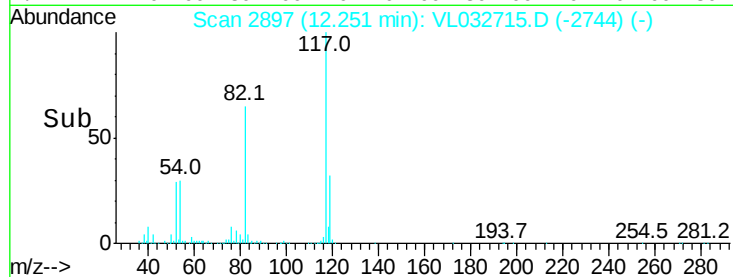
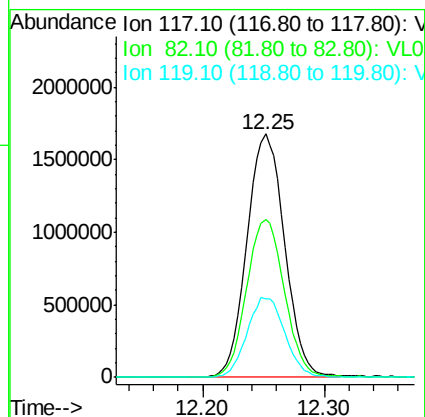
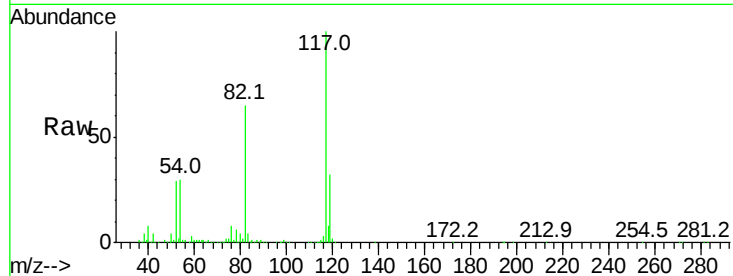




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL032715.D
Acq: 7 Nov 2018 13:39

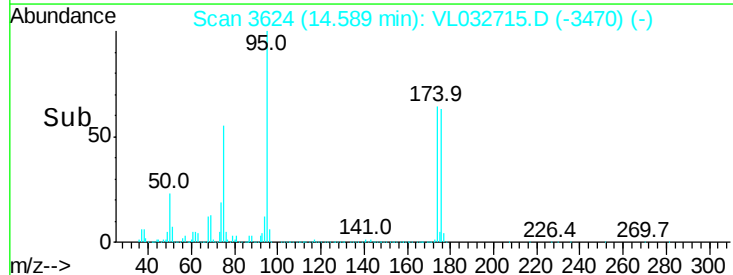
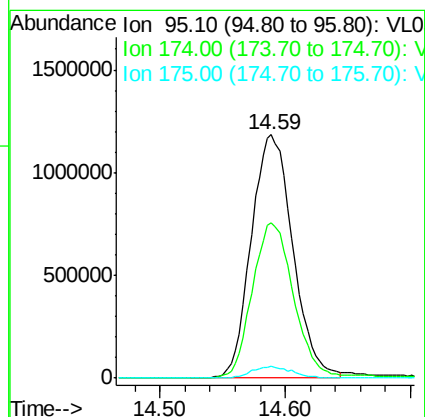
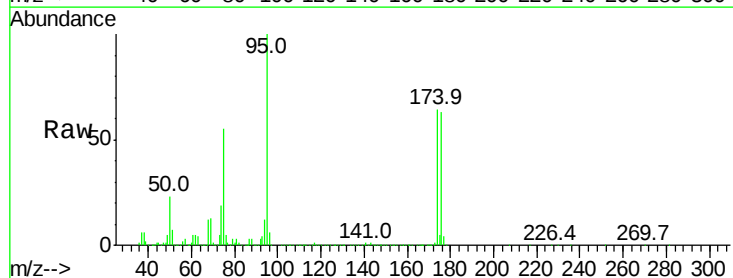
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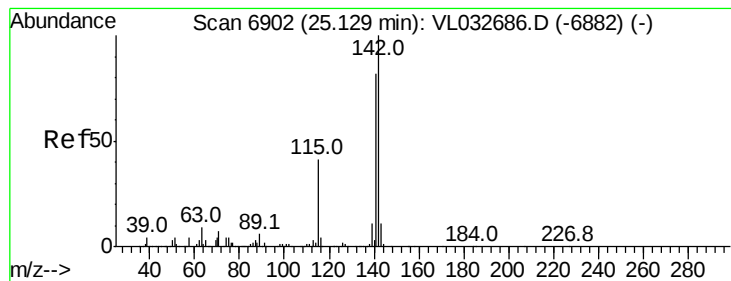
Tgt Ion: 117 Resp: 3578930
Ion Ratio Lower Upper
117 100
82 65.3 52.7 79.1
119 33.1 26.7 40.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.250 ppbv
RT: 14.59 min Scan# 3624
Delta R.T. -0.00 min
Lab File: VL032715.D
Acq: 7 Nov 2018 13:39

Tgt Ion: 95 Resp: 2731345
Ion Ratio Lower Upper
95 100
174 65.0 46.0 69.0
175 4.6 3.4 5.0





#80

Naphthalene, 2-methyl-

Concen: 0.034 ppbv

RT: 25.14 min Scan# 6906

Delta R.T. 0.02 min

Lab File: VL032715.D

Acq: 7 Nov 2018 13:39

Instrument :

MSVOA_L

ClientSampleId :

QC103018 CAN 10313

Tgt Ion:142 Resp: 2010

Ion Ratio Lower Upper

142 100

141 107.1 67.5 101.3#

115 56.9 33.5 50.3#

