

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\
Quantitation Report (Not Reviewed)

Data File : VL032753.D
Acq On : 14 Nov 2018 11:04
Operator : SY/AP
Sample : QC111218 CAN 10791
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC111218 CAN 10791

Quant Time: Nov 15 04:53:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1509864	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3719646	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3341014	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2549743	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

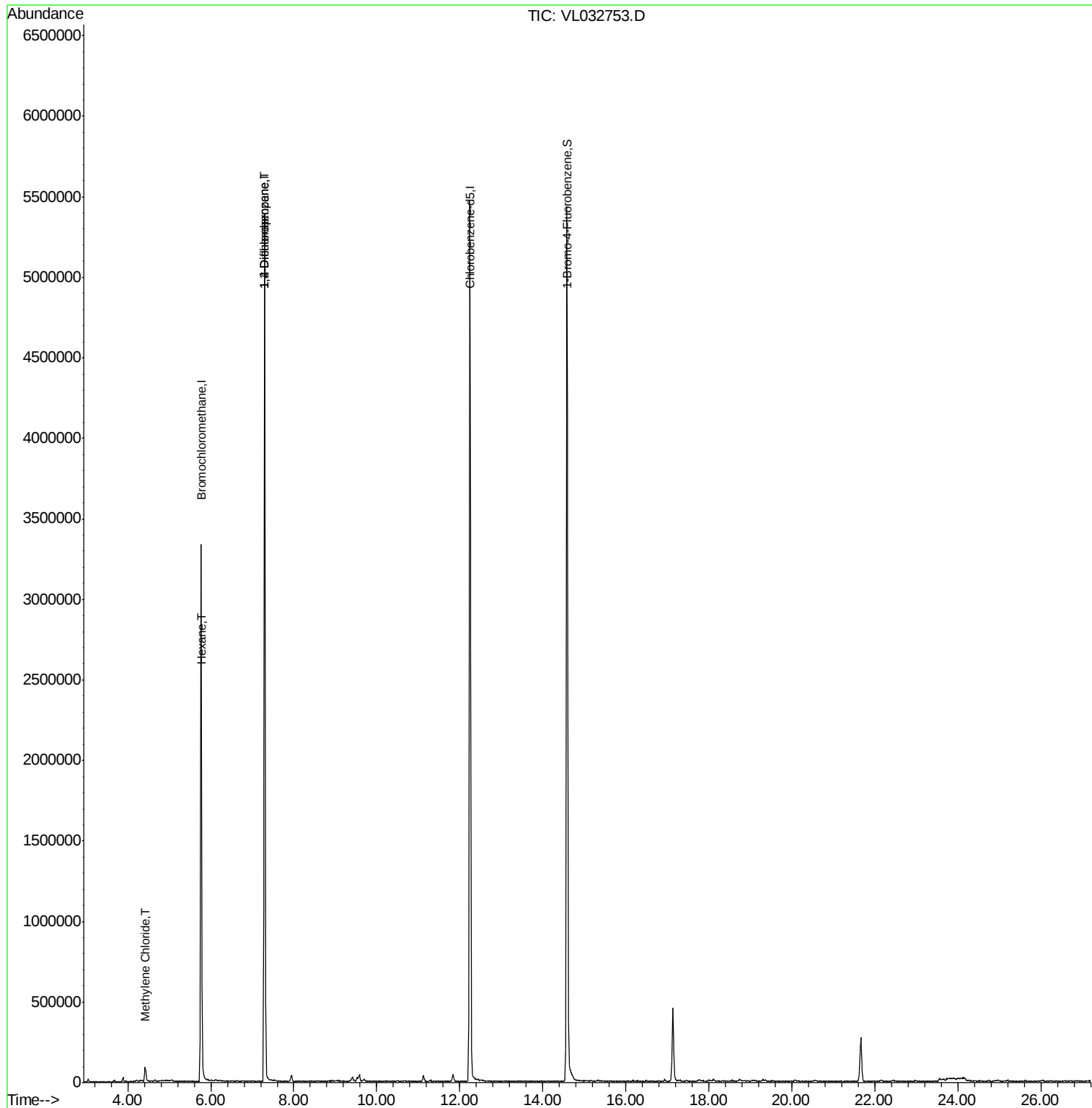
Target Compounds						Qvalue
20) Methylene Chloride	4.42	84	26815	0.376	ppbv #	94
26) Hexane	5.79	57	5486	0.038	ppbv #	46
39) 1,2-Dichloropropane	7.29	63	954354	8.457	ppbv #	22

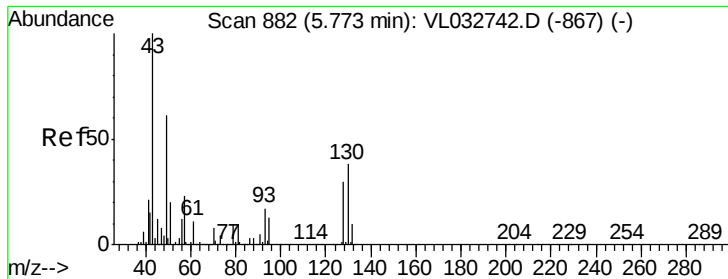
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032753.D

Acq: 14 Nov 2018 11:04

Instrument :

MSVOA_L

ClientSampleId :

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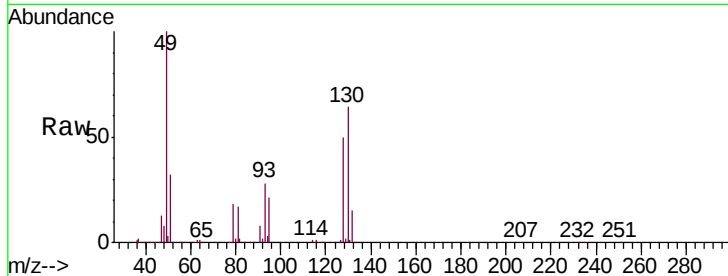
Tgt Ion: 49 Resp: 1509864

Ion Ratio Lower Upper

49 100

128 50.4 24.9 74.6

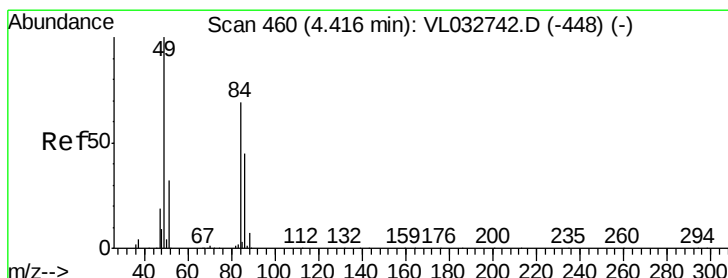
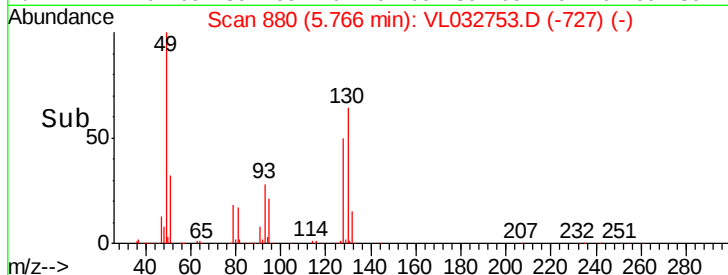
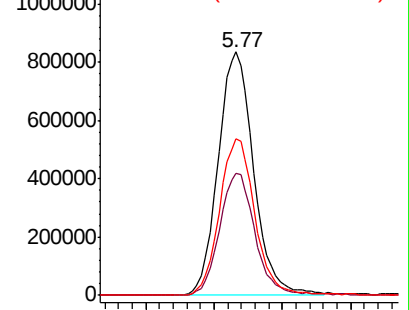
130 64.6 31.4 94.2



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



#20

Methylene Chloride

Concen: 0.376 ppbv

RT: 4.42 min Scan# 460

Delta R.T. -0.00 min

Lab File: VL032753.D

Acq: 14 Nov 2018 11:04

Tgt Ion: 84 Resp: 26815

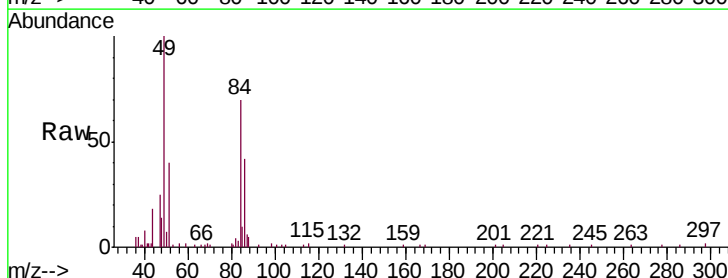
Ion Ratio Lower Upper

84 100

49 143.0 115.8 173.6

51 57.3 36.9 55.3#

86 58.1 52.4 78.6

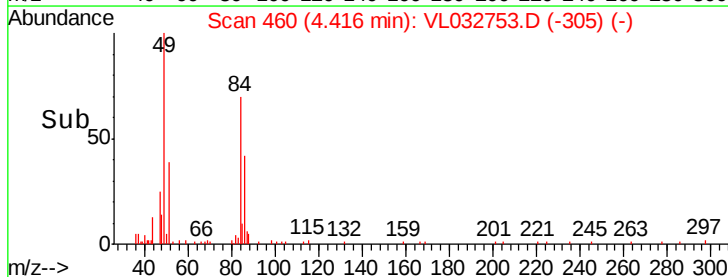
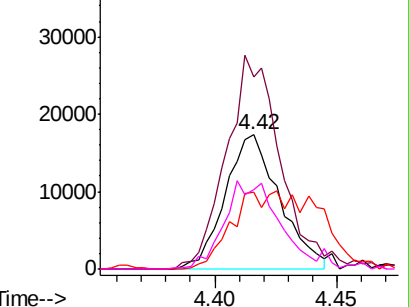


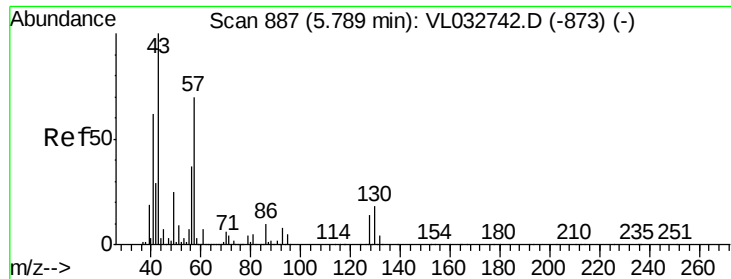
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

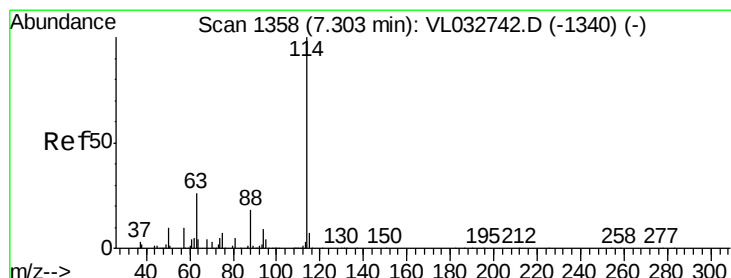
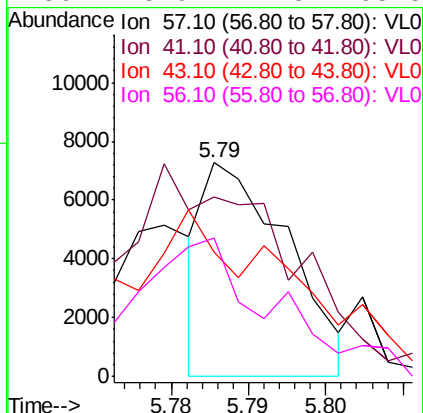
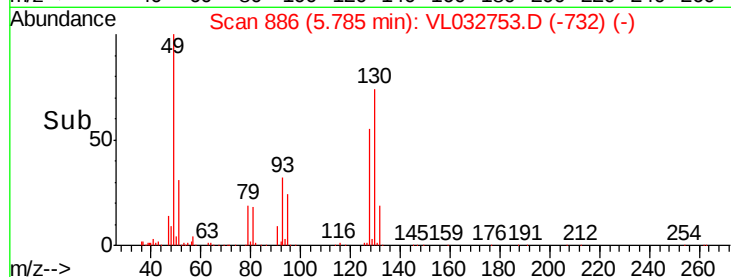
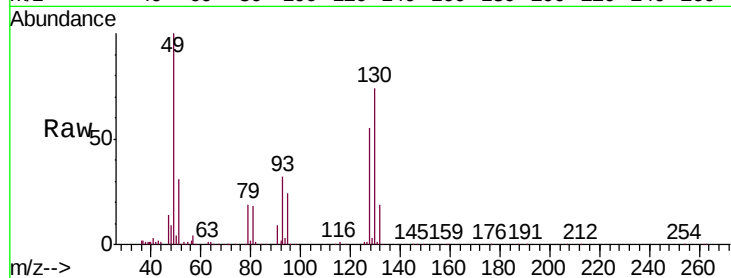




#26
Hexane
Concen: 0.038 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032753.D
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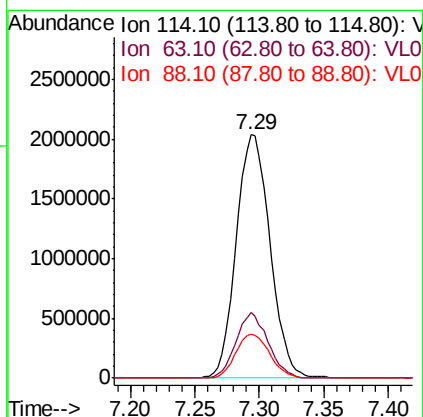
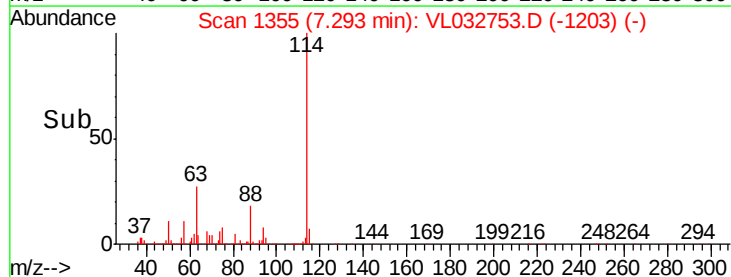
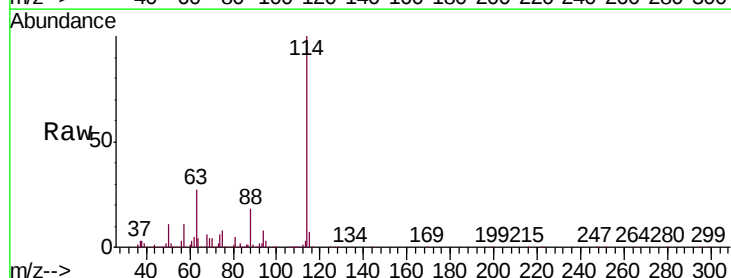
Instrument :
MSVOA_L
ClientSampleId :
QC111218 CAN 10791

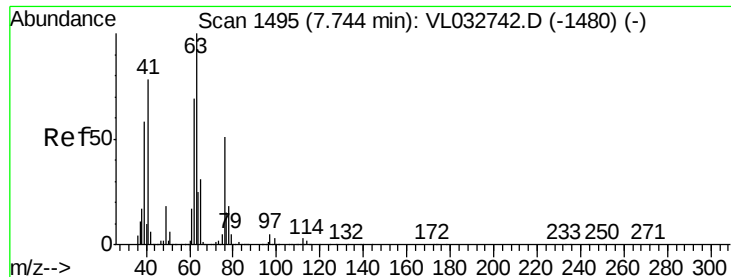
Tgt Ion: 57 Resp: 5486
Ion Ratio Lower Upper
57 100
41 0.0 70.3 105.5#
43 174.3 174.0 261.0
56 123.9 42.3 63.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032753.D
Acq: 14 Nov 2018 11:04

Tgt Ion: 114 Resp: 3719646
Ion Ratio Lower Upper
114 100
63 25.8 20.9 31.3
88 18.1 14.4 21.6





#39

1,2-Dichloropropane

Concen: 8.457 ppbv

RT: 7.29 min Scan# 1355

Delta R.T. -0.45 min

Lab File: VL032753.D

Acq: 14 Nov 2018 11:04

Instrument :

MSVOA_L

ClientSampleId :

QC111218 CAN 10791

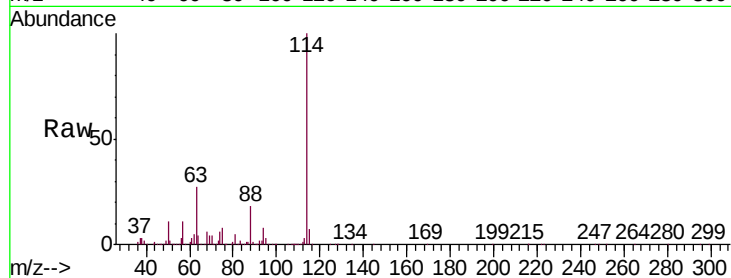
Tgt Ion: 63 Resp: 954354

Ion Ratio Lower Upper

63 100

41 0.0 62.0 93.0#

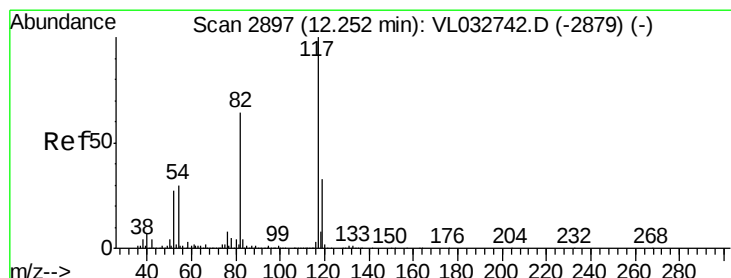
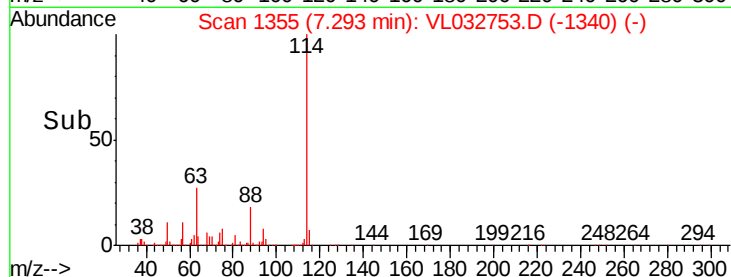
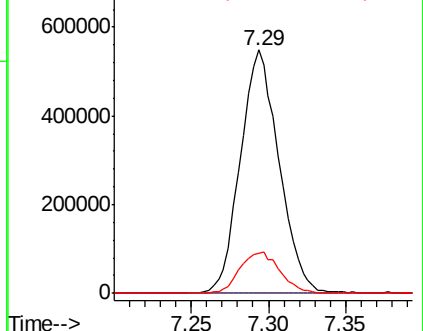
62 16.7 55.4 83.2#



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: 12.24 min Scan# 2894

Delta R.T. -0.01 min

Lab File: VL032753.D

Acq: 14 Nov 2018 11:04

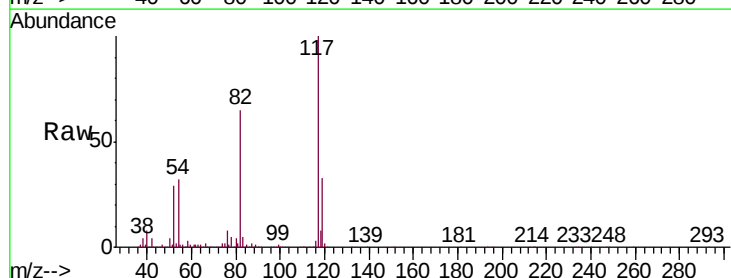
Tgt Ion: 117 Resp: 3341014

Ion Ratio Lower Upper

117 100

82 65.8 51.0 76.6

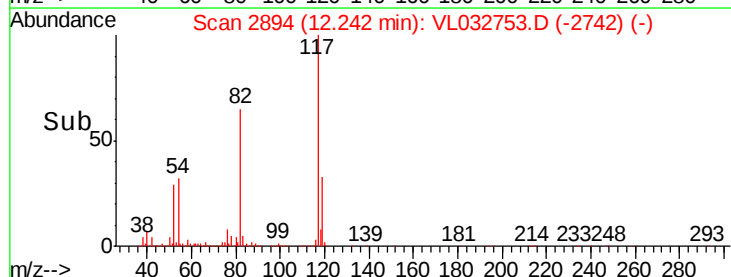
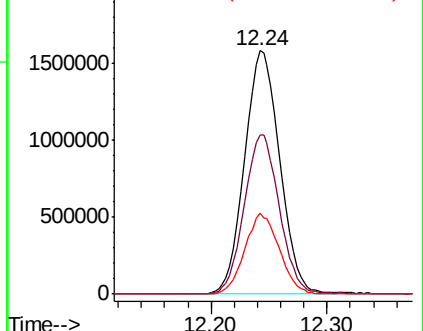
119 32.5 28.0 42.0

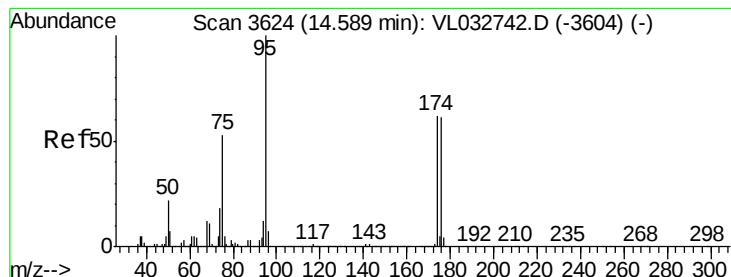


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.203 ppbv

RT: 14.58 min Scan# 3622

Delta R.T. -0.01 min

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Acq: 14 Nov 2018 11:04

Instrument :

MSVOA_L

ClientSampleId :

QC111218 CAN 10791

Tgt Ion: 95 Resp: 2549743

Ion Ratio Lower Upper

95 100

174 64.1 50.7 76.1

175 4.7 3.8 5.6

