

Data File : VL032752.D
Acq On : 14 Nov 2018 10:23
Operator : SY/AP
Sample : QC110818 CAN 10607
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC110818 CAN 10607

Quant Time: Nov 15 04:52:45 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	1570759	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3959491	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3476081	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2627285	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

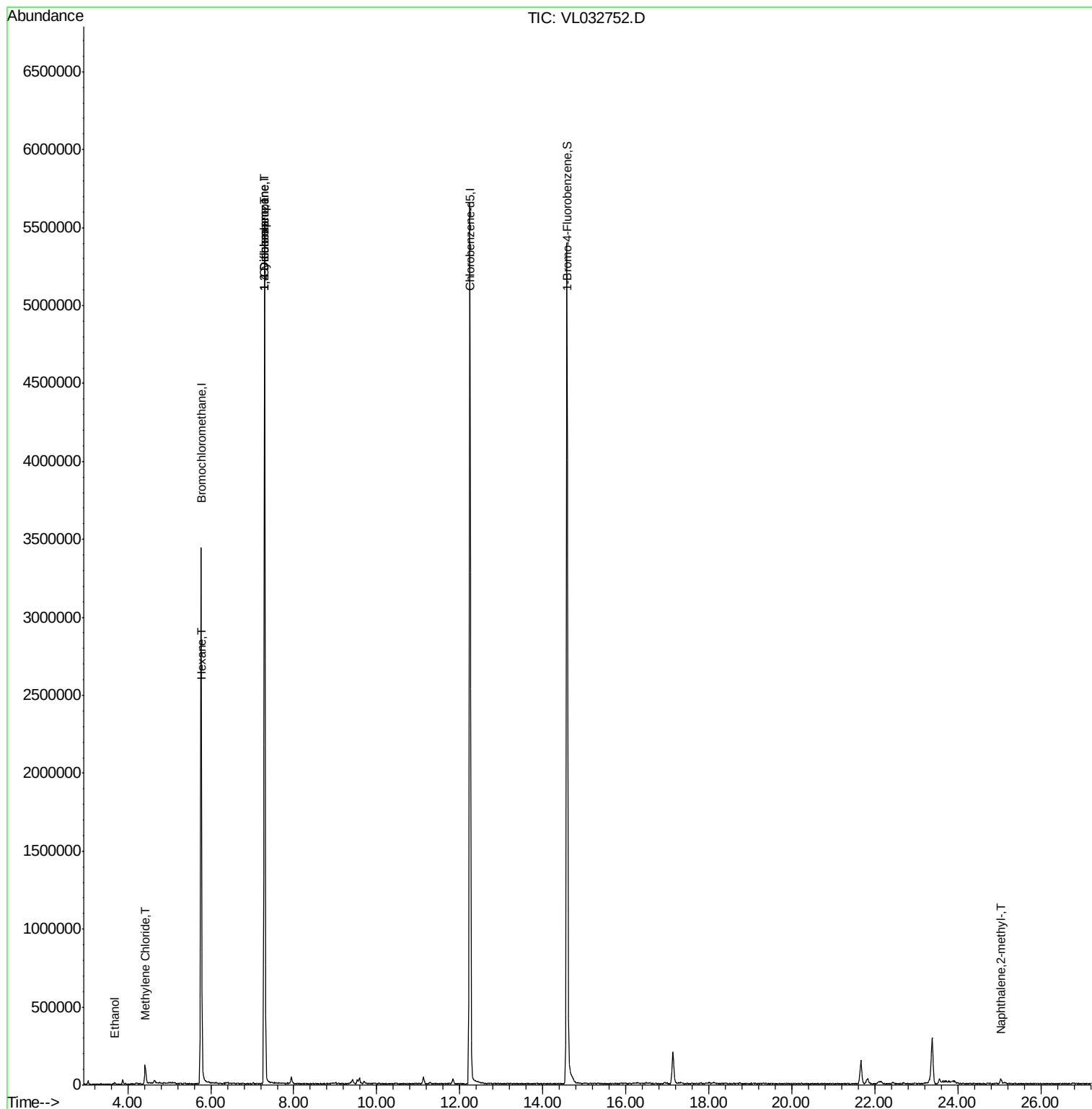
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.67	45	519	0.032	ppbv	76
20) Methylene Chloride	4.42	84	38133	0.513	ppbv	95
26) Hexane	5.79	57	14626	0.098	ppbv #	48
30) Cyclohexane	7.28	84	4868	0.037	ppbv #	6
39) 1,2-Dichloropropane	7.29	63	995239	8.285	ppbv #	23
80) Naphthalene,2-methyl-	25.03	142	18487	0.262	ppbv	95

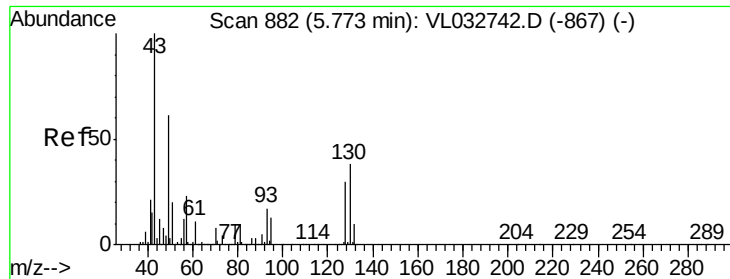
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

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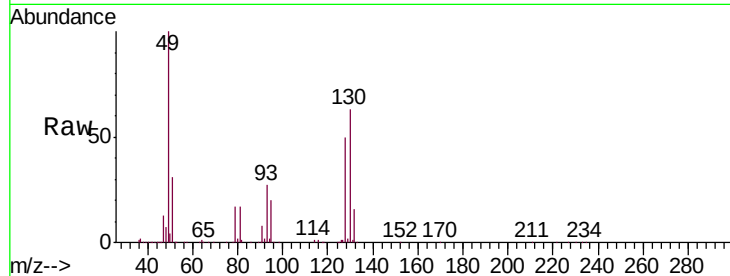
Tgt Ion: 49 Resp: 1570759

Ion Ratio Lower Upper

49 100

128 50.3 24.9 74.6

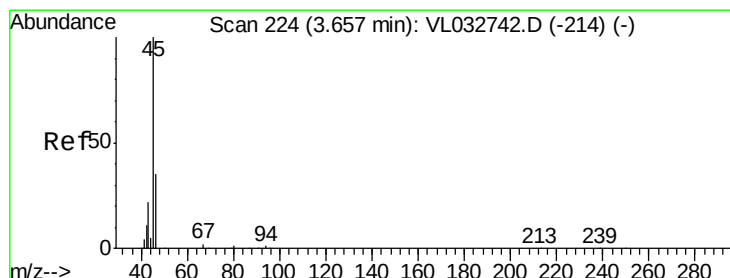
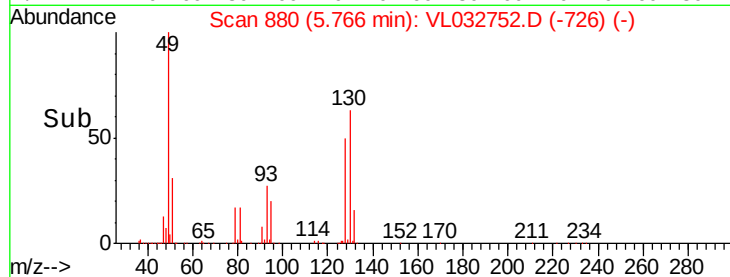
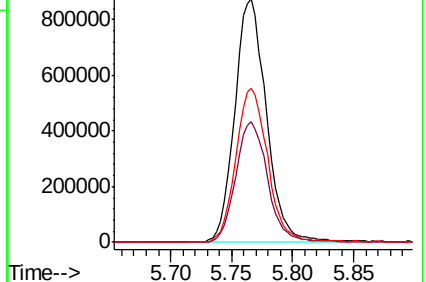
130 64.7 31.4 94.2



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



#13

Ethanol

Concen: 0.032 ppbv

RT: 3.67 min Scan# 229

Delta R.T. 0.02 min

Lab File: VL032752.D

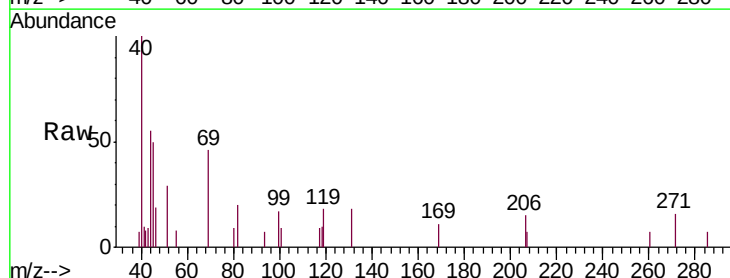
Acq: 14 Nov 2018 10:23

Tgt Ion: 45 Resp: 519

Ion Ratio Lower Upper

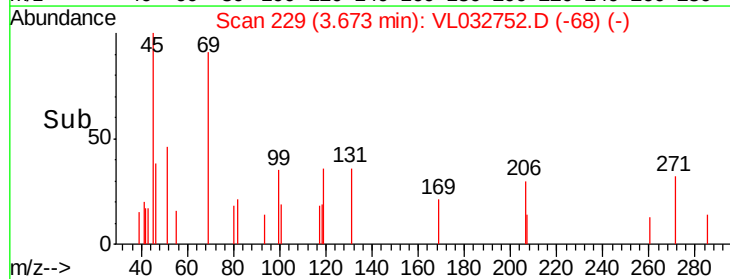
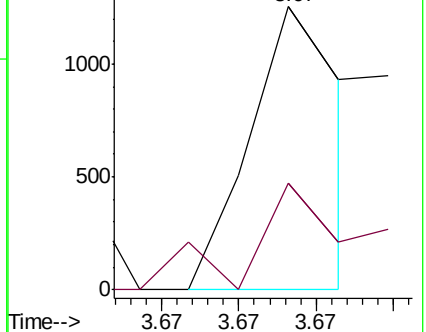
45 100

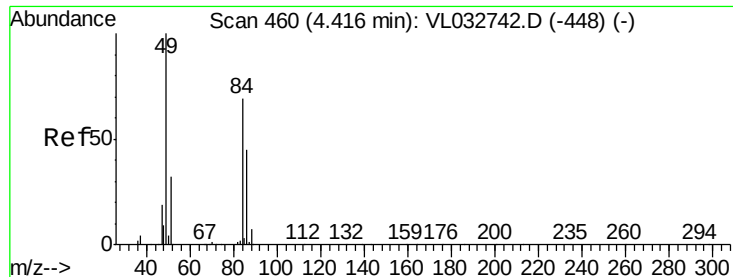
46 22.2 14.5 57.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

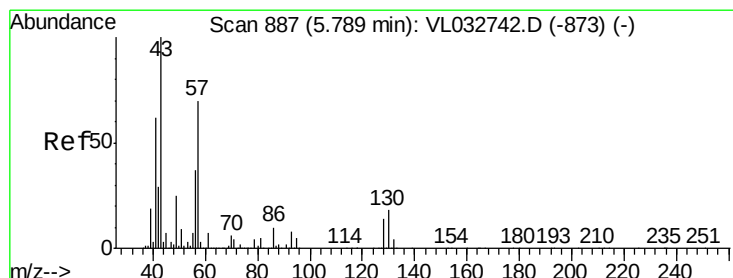
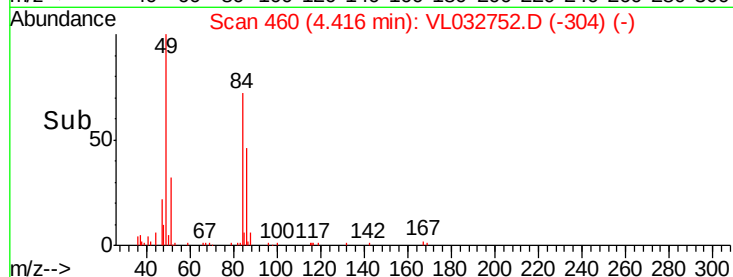
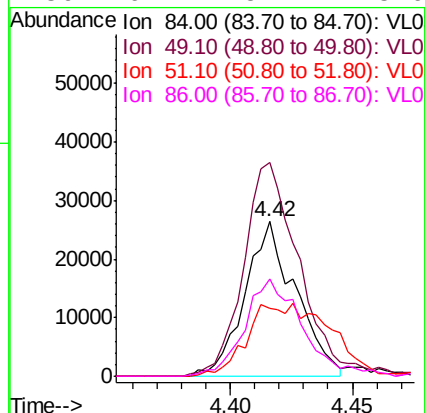
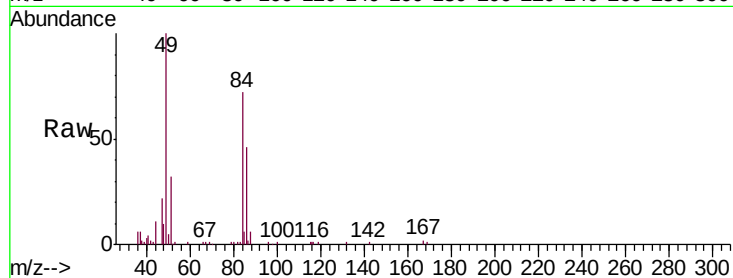




#20
Methylene Chloride
Concen: 0.513 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL032752.D
Acq: 14 Nov 2018 10:23

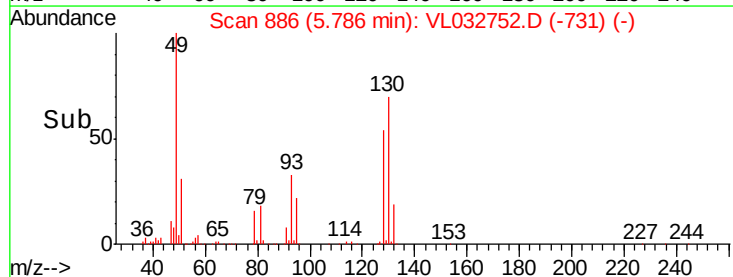
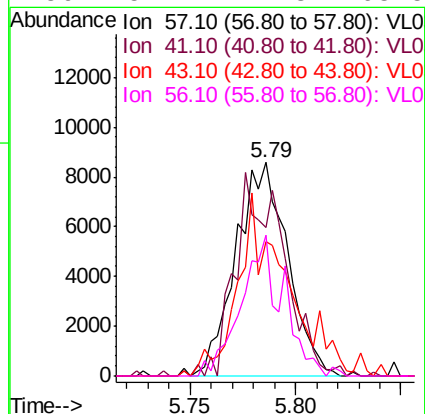
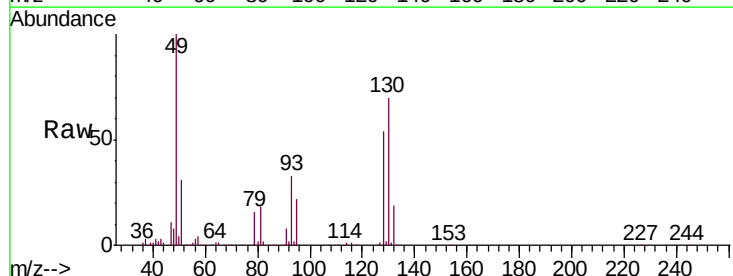
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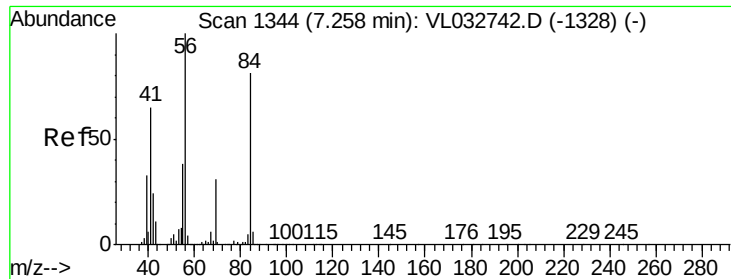
Tgt Ion:	84	Resp:	38133
Ion	Ratio	Lower	Upper
84	100		
49	137.0	115.8	173.6
51	44.4	36.9	55.3
86	62.4	52.4	78.6



#26
Hexane
Concen: 0.098 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032752.D
Acq: 14 Nov 2018 10:23

Tgt Ion:	57	Resp:	14626
Ion	Ratio	Lower	Upper
57	100		
41	90.0	70.3	105.5
43	82.6	174.0	261.0#
56	54.1	42.3	63.5

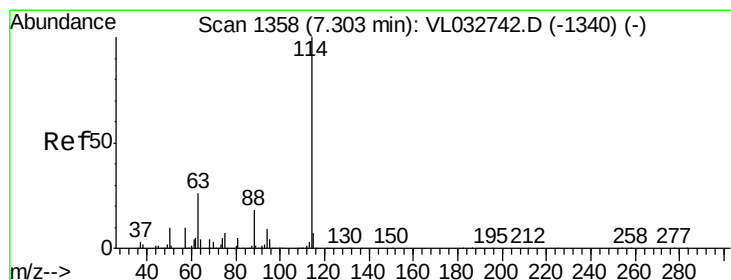
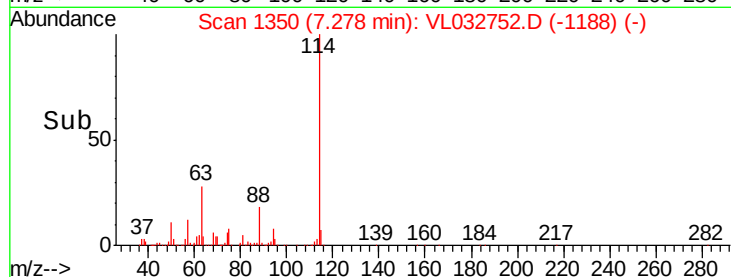
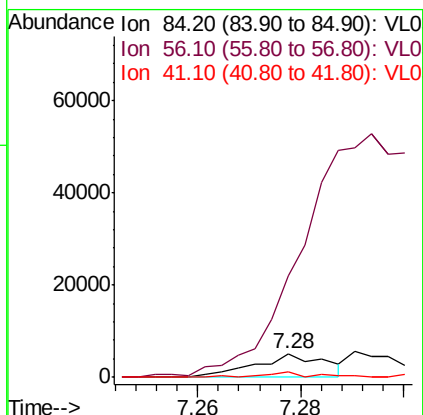
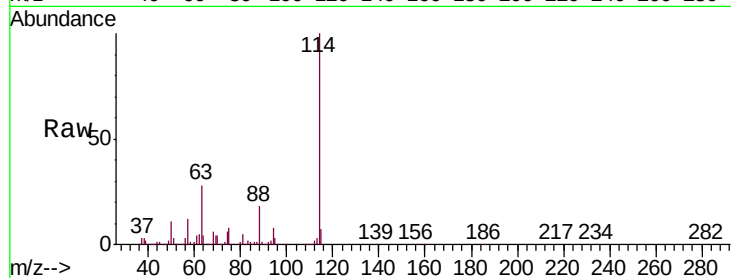




#30
Cyclohexane
Concen: 0.037 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. 0.02 min
Lab File: VL032752.D
Acq: 14 Nov 2018 10:23

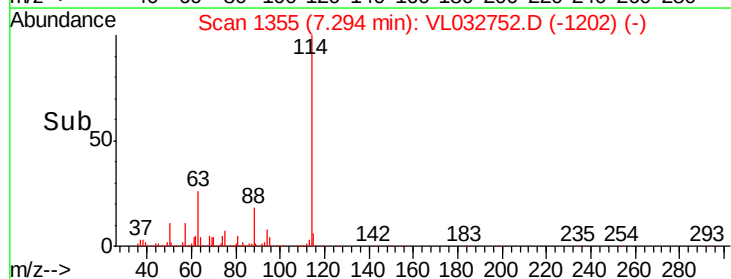
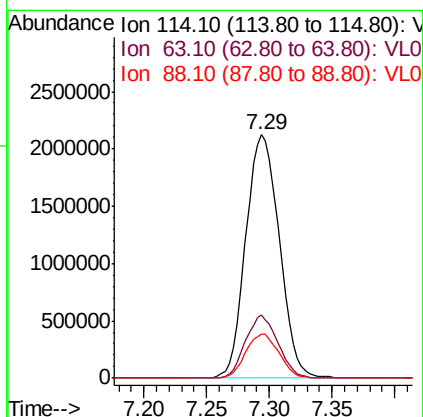
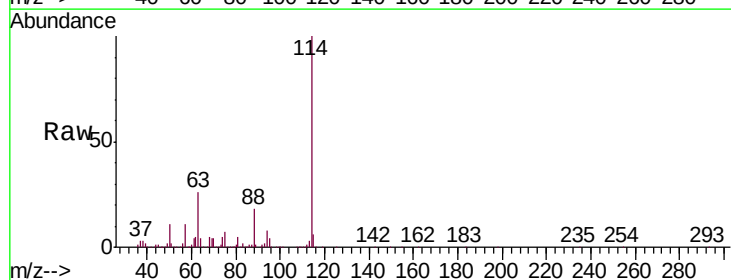
Instrument :
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ClientSampleId :
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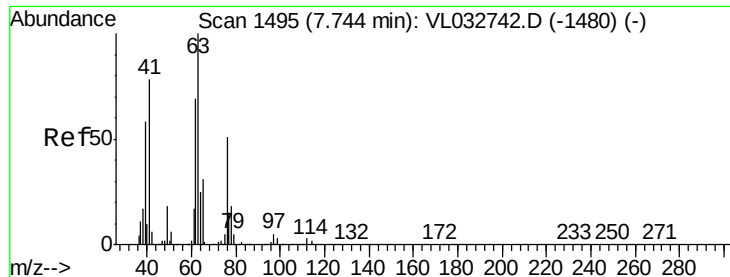
Tgt Ion: 84 Resp: 4868
Ion Ratio Lower Upper
84 100
56 0.0 105.0 157.4#
41 22.7 65.3 97.9#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032752.D
Acq: 14 Nov 2018 10:23

Tgt Ion: 114 Resp: 3959491
Ion Ratio Lower Upper
114 100
63 25.3 20.9 31.3
88 18.0 14.4 21.6





#39

1,2-Dichloropropane

Concen: 8.285 ppbv

RT: 7.29 min Scan# 1355

Delta R.T. -0.45 min

Lab File: VL032752.D

Acq: 14 Nov 2018 10:23

Instrument :

MSVOA_L

ClientSampleId :

QC110818 CAN 10607

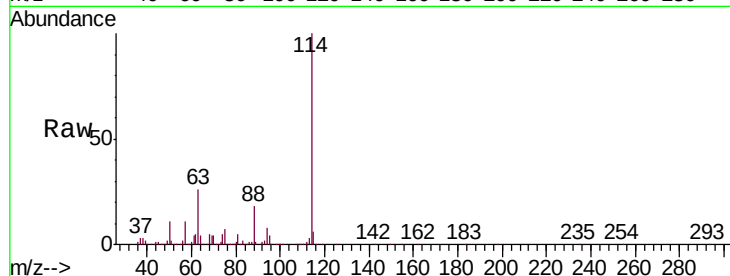
Tgt Ion: 63 Resp: 995239

Ion Ratio Lower Upper

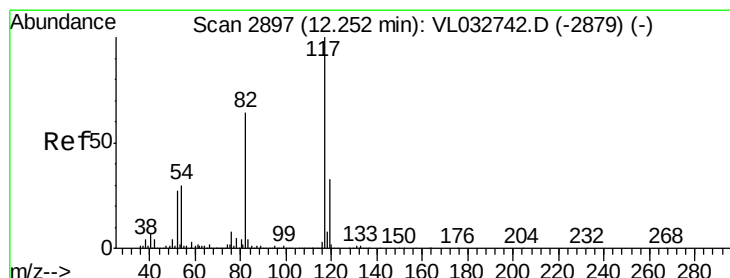
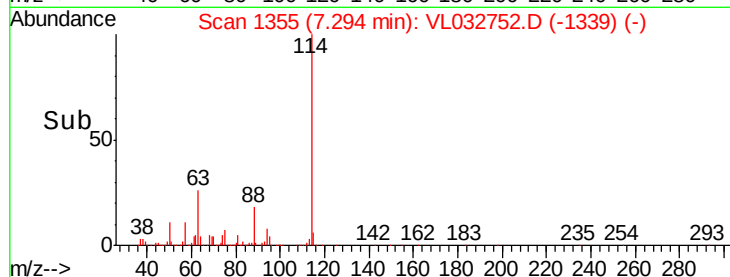
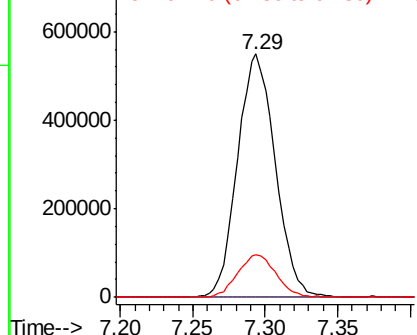
63 100

41 0.1 62.0 93.0#

62 17.6 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: VL032752.D

Acq: 14 Nov 2018 10:23

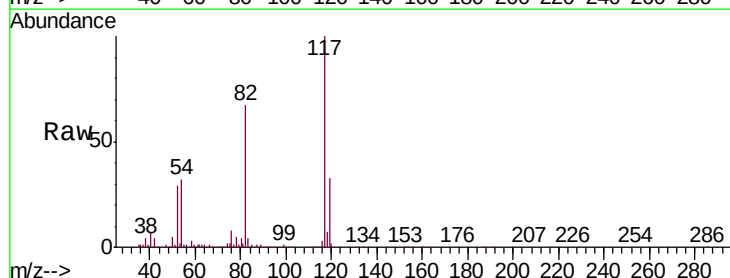
Tgt Ion: 117 Resp: 3476081

Ion Ratio Lower Upper

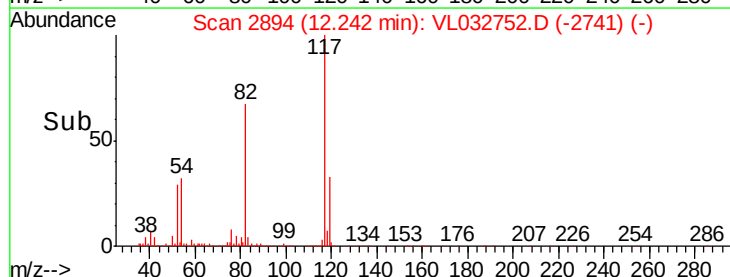
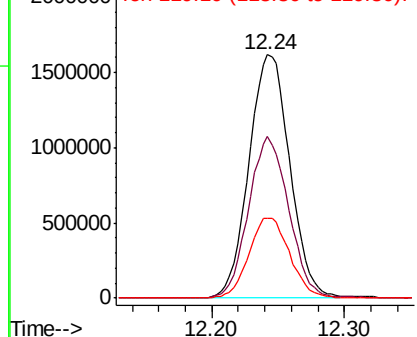
117 100

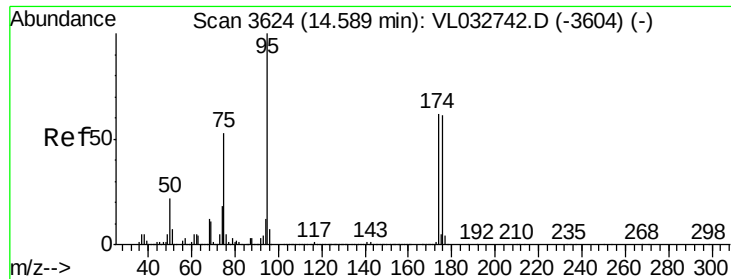
82 65.7 51.0 76.6

119 33.1 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

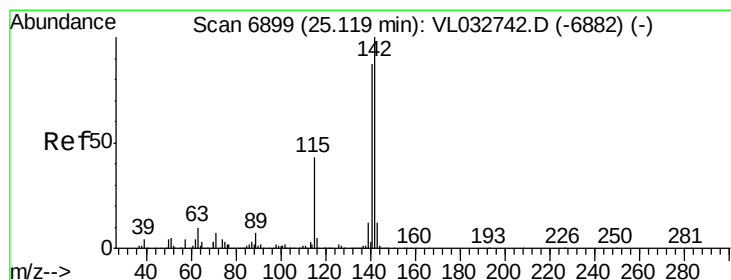
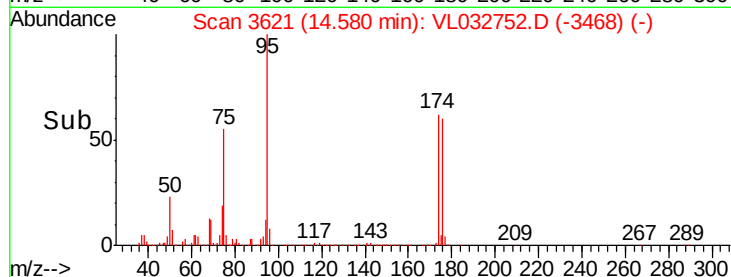
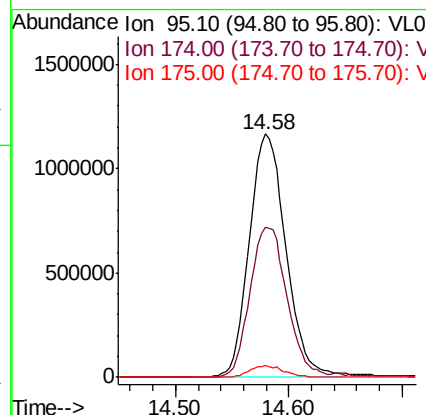
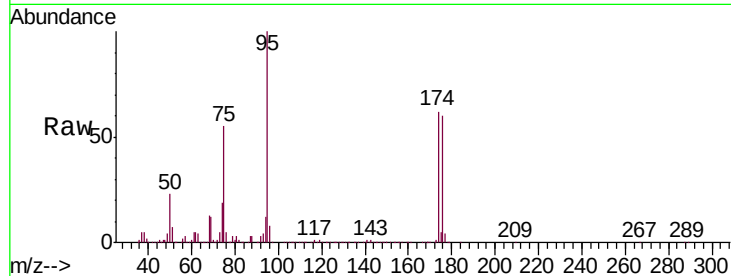




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.105 ppbv
 RT: 14.58 min Scan# 3621
 Delta R.T. -0.01 min
 Lab File: VL032752.D
 Acq: 14 Nov 2018 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 QC110818 CAN 10607

Tgt Ion: 95 Resp: 2627285
 Ion Ratio Lower Upper
 95 100
 174 64.6 50.7 76.1
 175 4.7 3.8 5.6



#80
 Naphthalene, 2-methyl-
 Concen: 0.262 ppbv
 RT: 25.03 min Scan# 6870
 Delta R.T. -0.09 min
 Lab File: VL032752.D
 Acq: 14 Nov 2018 10:23

Tgt Ion: 142 Resp: 18487
 Ion Ratio Lower Upper
 142 100
 141 84.0 68.7 103.1
 115 52.0 35.5 53.3

