

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112018\
 Data File : VL032791.D
 Acq On : 20 Nov 2018 23:20
 Operator : SY/AP
 Sample : J5998-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103DL

Quant Time: Nov 21 06:03:18 2018
 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1317517	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3331333	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3056236	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2246374	9.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

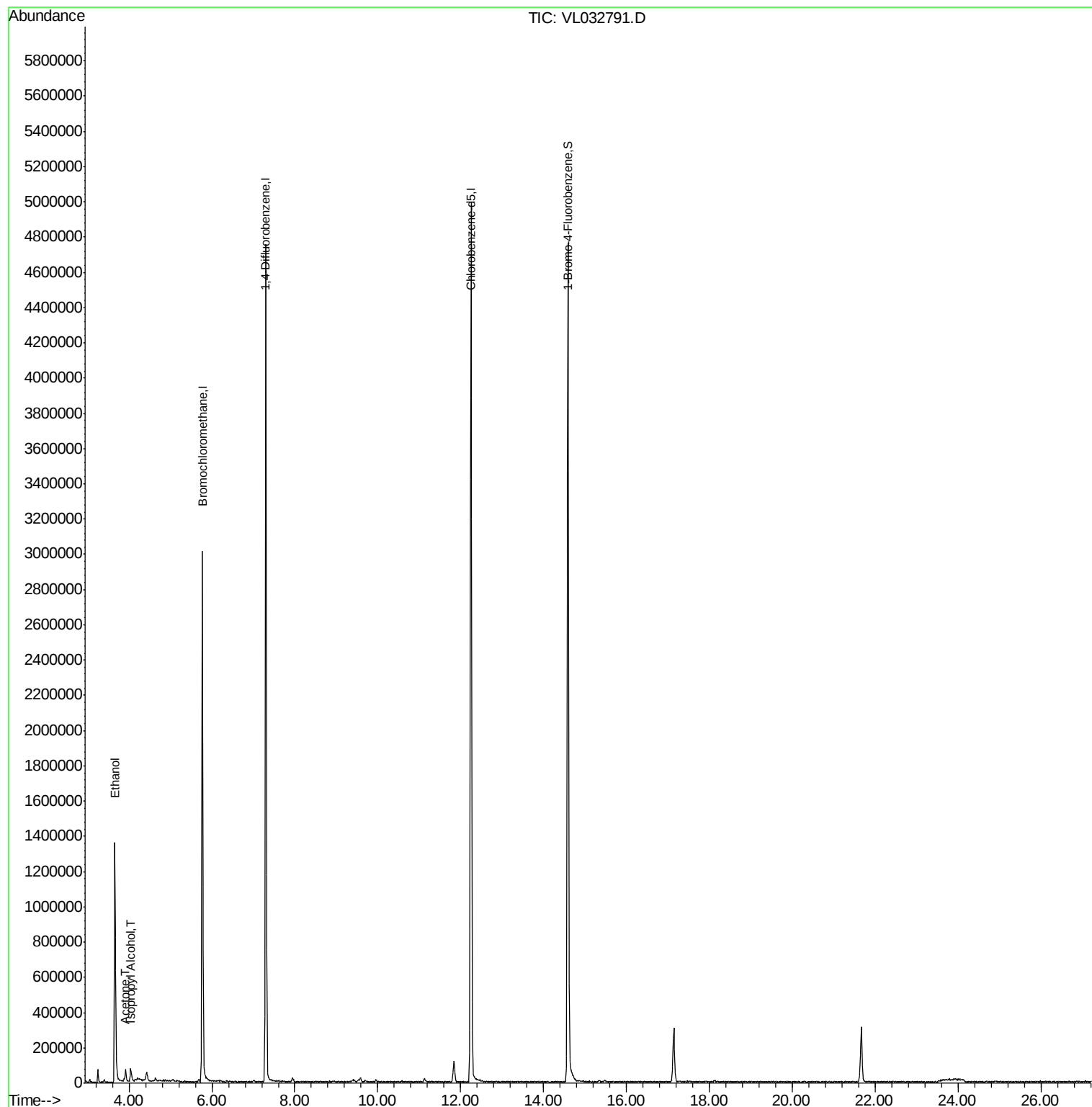
Target Compounds					Ovalue
13) Ethanol	3.66	45	1462668	106.832	ppbv 99
15) Acetone	3.92	43	68135	0.566	ppbv 98
19) Isopropyl Alcohol	4.04	45	86341	1.077	ppbv # 96

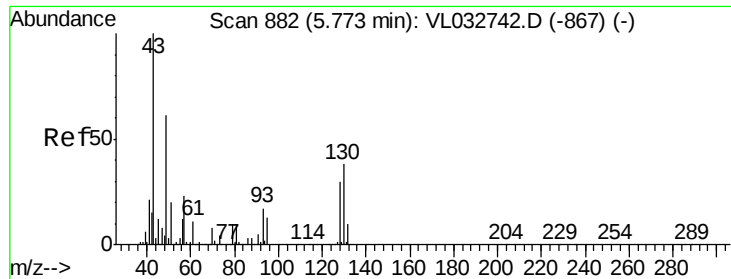
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032791.D

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Instrument :

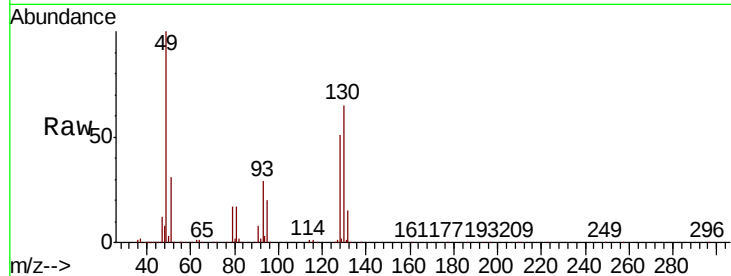
MSVOA_L

ClientSampleId :

EP-103DL

Tot Ion: 49 Resp: 1317517

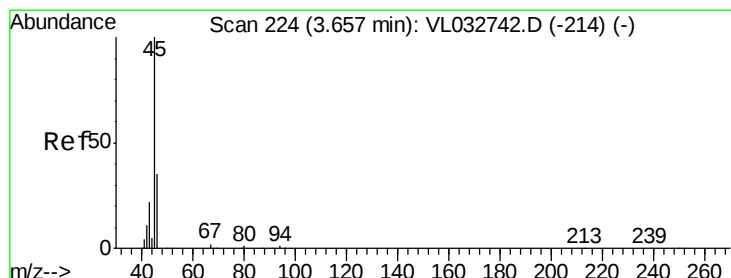
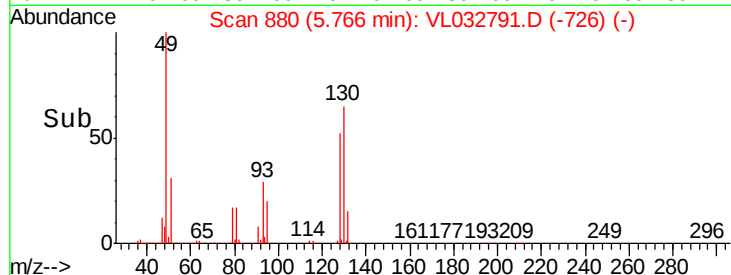
Ion	Ratio	Lower	Upper
49	100		
128	53.4	24.9	74.6
130	67.5	31.4	94.2



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



#13

Ethanol

Concen: 106.832 ppbv

RT: 3.66 min Scan# 225

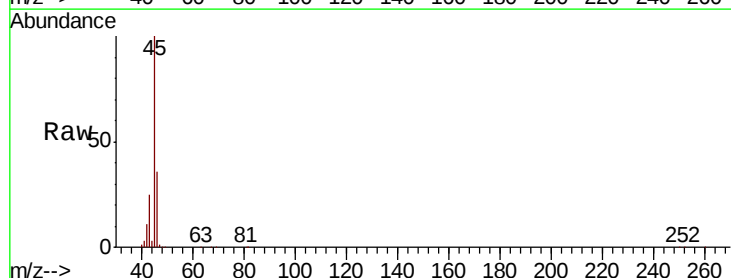
Delta R.T. 0.00 min

Lab File: VL032791.D

Acq: 20 Nov 2018 23:20

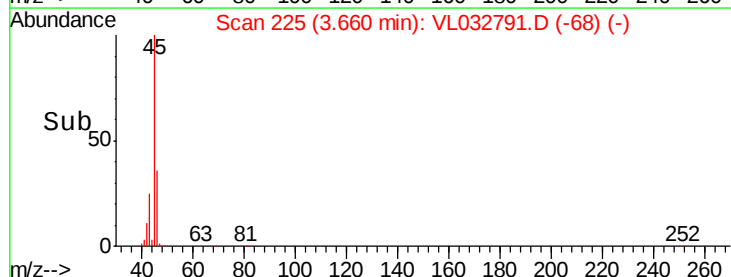
Tgt Ion: 45 Resp: 1462668

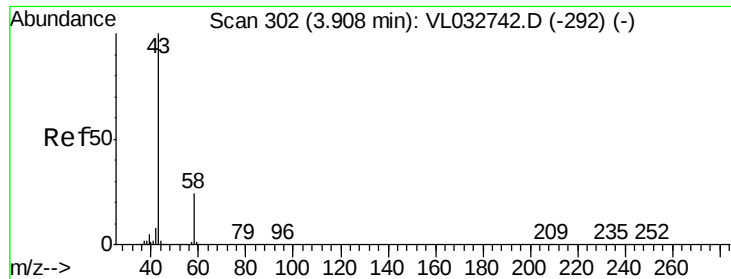
Ion	Ratio	Lower	Upper
45	100		
46	36.8	14.5	57.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.566 ppbv

RT: 3.92 min Scan# 305

Delta R.T. 0.01 min

Lab File: VL032791.D

Acq: 20 Nov 2018 23:20

Instrument :

MSVOA_L

ClientSampleId :

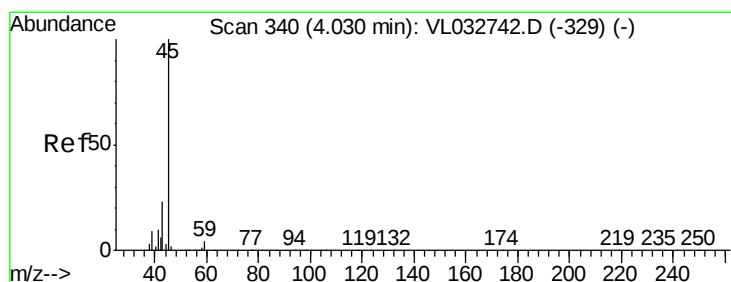
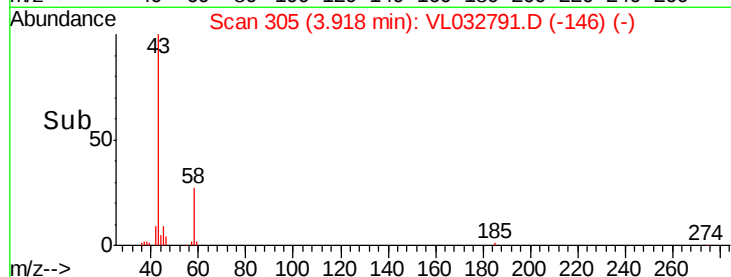
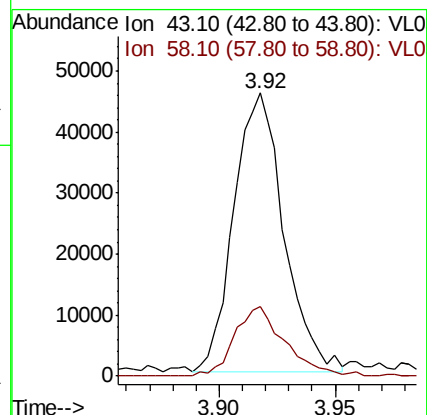
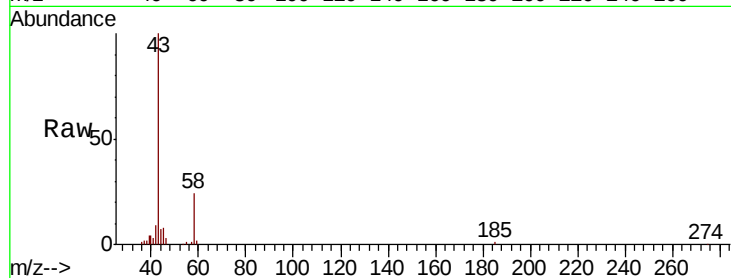
EP-103DL

Tot Ion: 43 Resp: 68135

Ion Ratio Lower Upper

43 100

58 25.4 21.1 31.7



#19

Isopropyl Alcohol

Concen: 1.077 ppbv

RT: 4.04 min Scan# 344

Delta R.T. 0.01 min

Lab File: VL032791.D

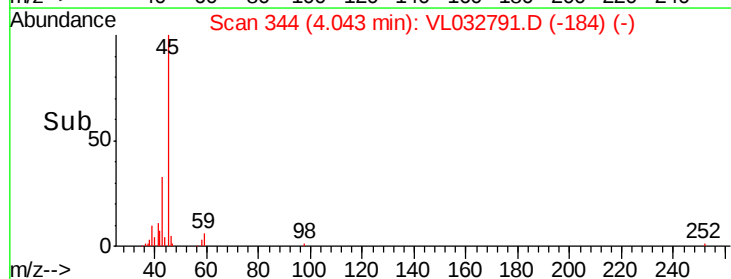
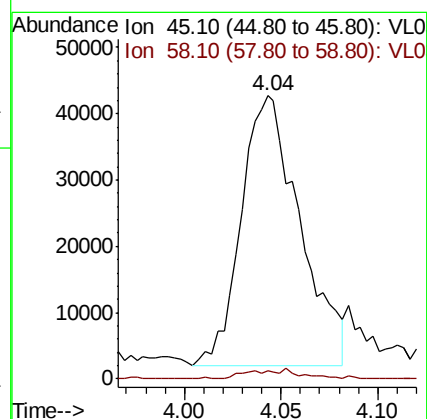
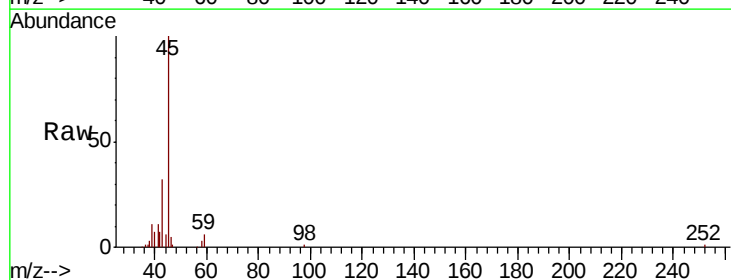
Acq: 20 Nov 2018 23:20

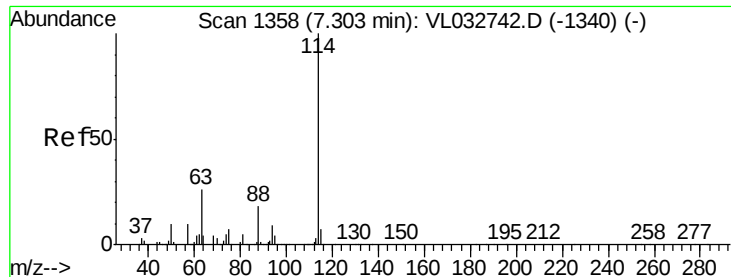
Tgt Ion: 45 Resp: 86341

Ion Ratio Lower Upper

45 100

58 3.3 1.4 2.0#

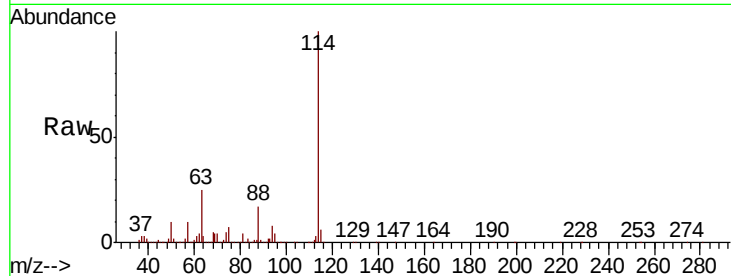




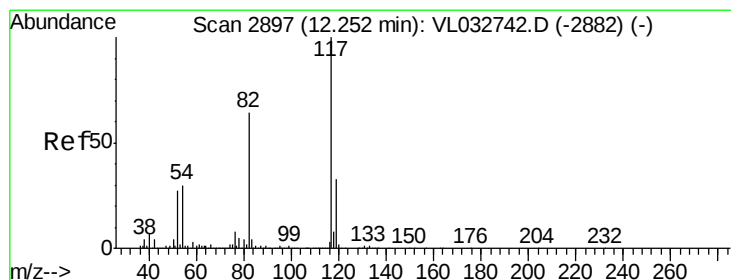
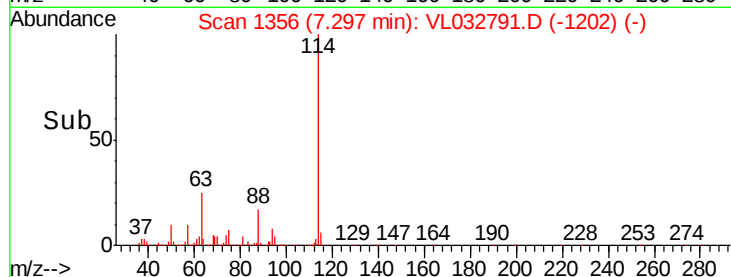
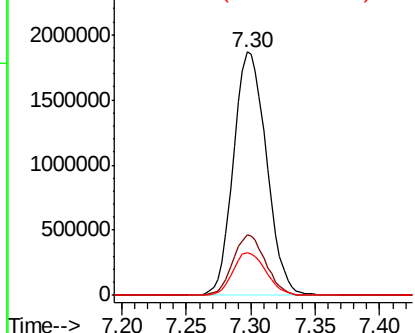
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: VL032791.D
 Acq: 20 Nov 2018 23:20

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103DL

Tot Ion:114 Resp: 3331333
 Ion Ratio Lower Upper
 114 100
 63 24.7 20.9 31.3
 88 17.7 14.4 21.6

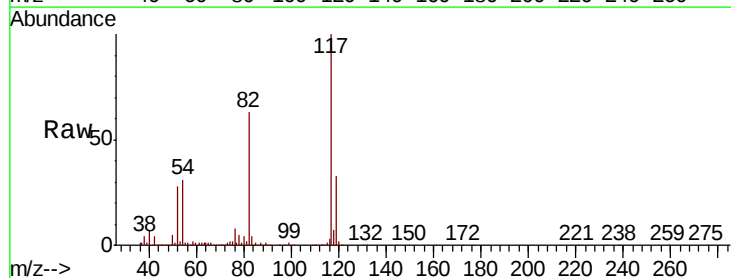


Abundance Ion 114.10 (113.80 to 114.80): V
 2500000 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

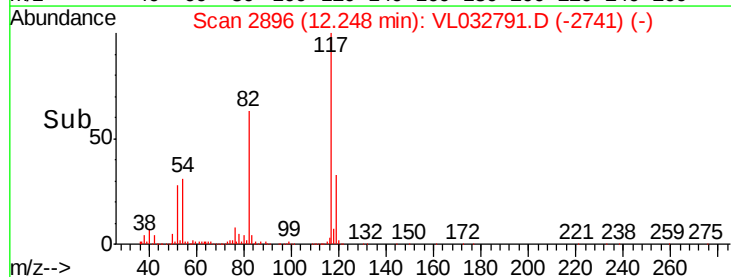
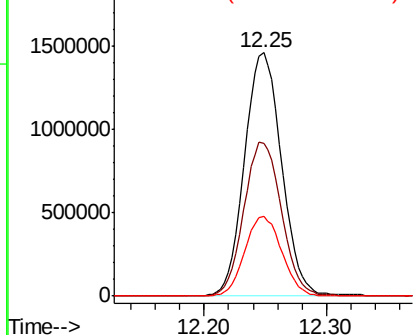


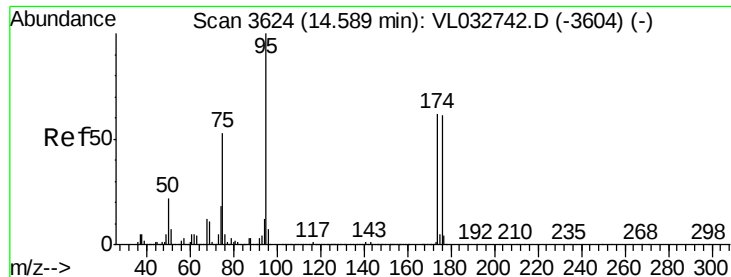
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.25 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: VL032791.D
 Acq: 20 Nov 2018 23:20

Tgt Ion:117 Resp: 3056236
 Ion Ratio Lower Upper
 117 100
 82 64.7 51.0 76.6
 119 33.0 28.0 42.0



Abundance Ion 117.10 (116.80 to 117.80): V
 2000000 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.827 ppbv

RT: 14.59 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VL032791.D

Acq: 20 Nov 2018 23:20

Instrument :

MSVOA_L

ClientSampleId :

EP-103DL

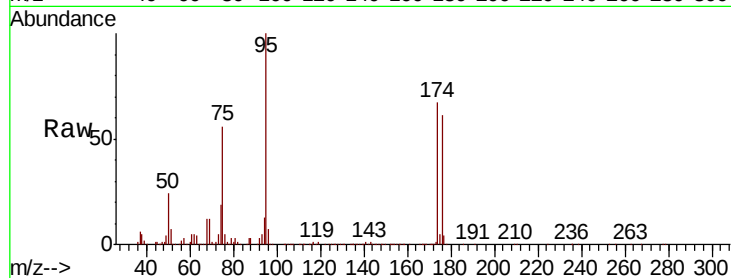
Tot Ion: 95 Resp: 2246374

Ion Ratio Lower Upper

95 100

174 66.6 50.7 76.1

175 5.1 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

