

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 :

Quant Time: Nov 21 04:08:34 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%

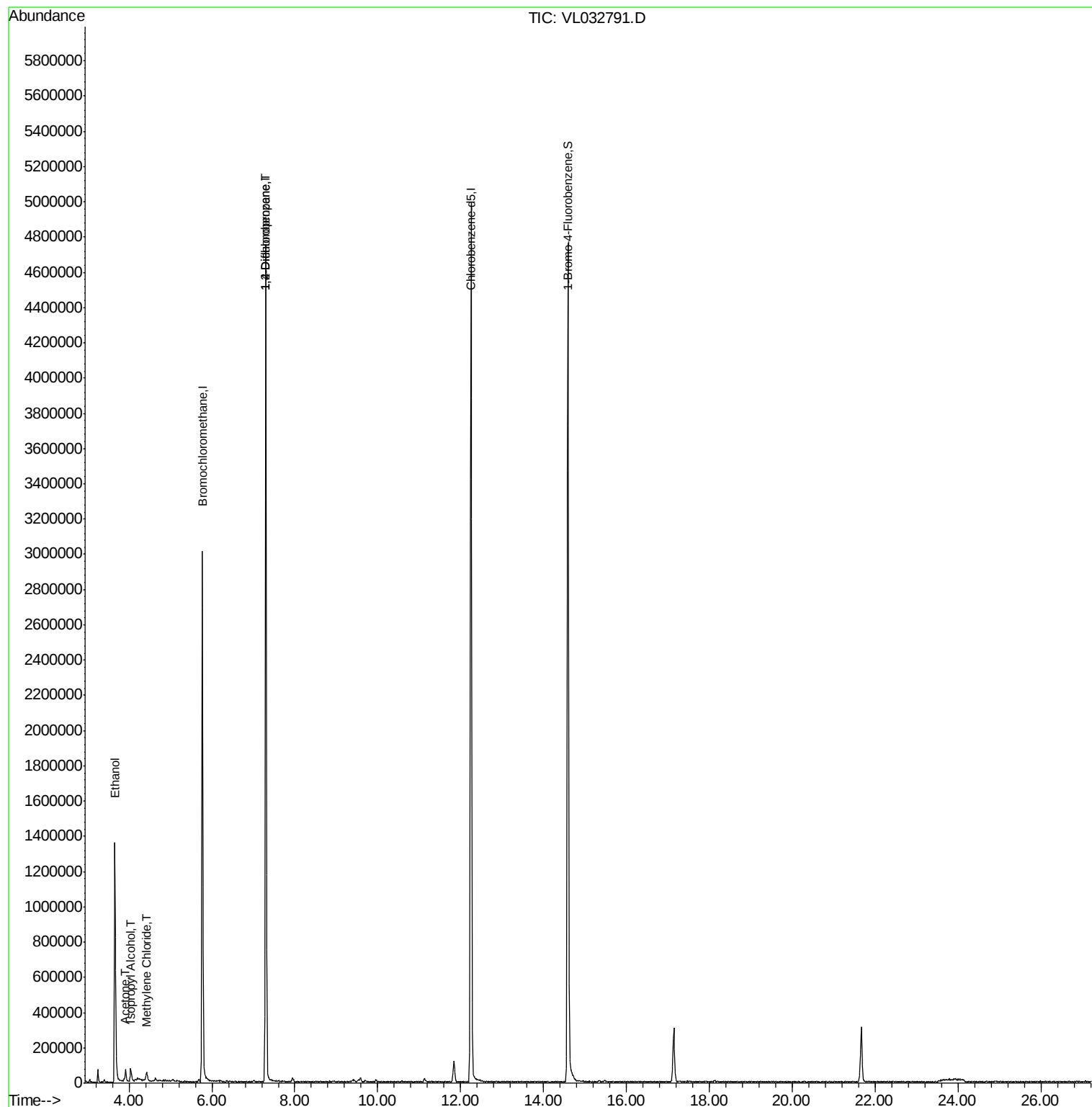
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.66	45	1462668	106.832	ppbv	99
15) Acetone	3.92	43	68135	0.566	ppbv	98
19) Isopropyl Alcohol	4.04	45	86341	1.077	ppbv #	96
20) Methylene Chloride	4.42	84	12218	0.196	ppbv #	80
39) 1,2-Dichloropropane	7.30	63	817768	8.091	ppbv #	22

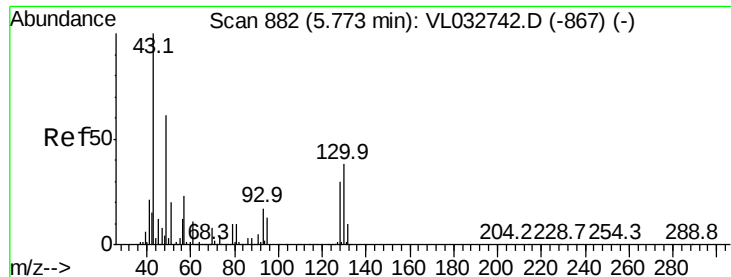
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

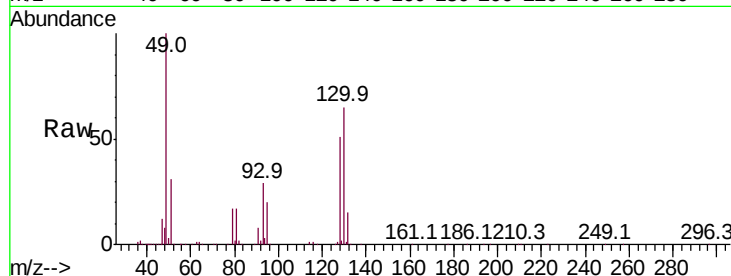
Lab File: VL032791.D

Acq: 20 Nov 2018 23:20

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 49 Resp: 1317517

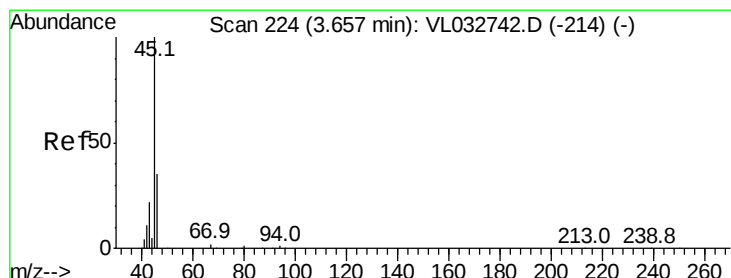
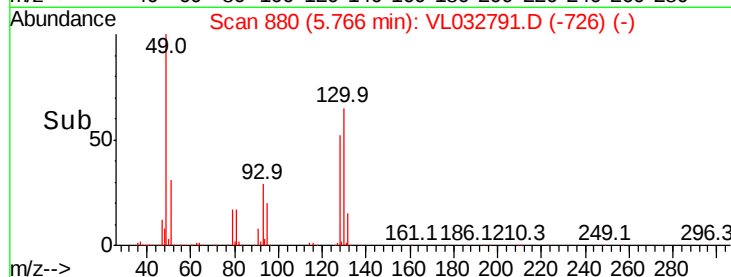
Ion	Ratio	Lower	Upper
49	100		
128	53.4	24.9	74.6
130	67.5	31.4	94.2



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

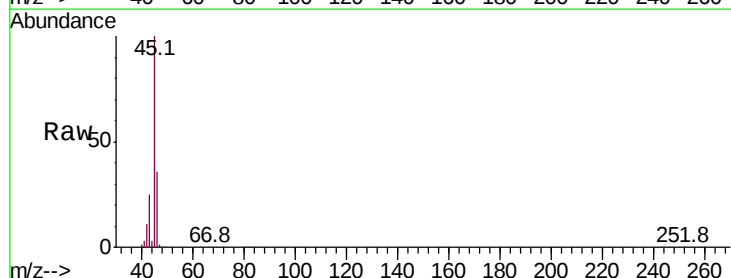
Delta R.T. 0.00 min

Lab File: VL032791.D

Acq: 20 Nov 2018 23:20

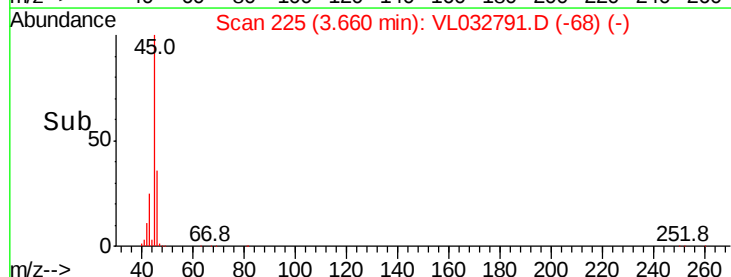
Tgt Ion: 45 Resp: 1462668

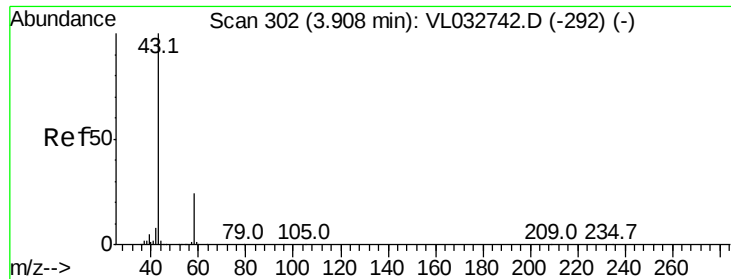
Ion	Ratio	Lower	Upper
45	100		
46	36.8	14.5	57.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

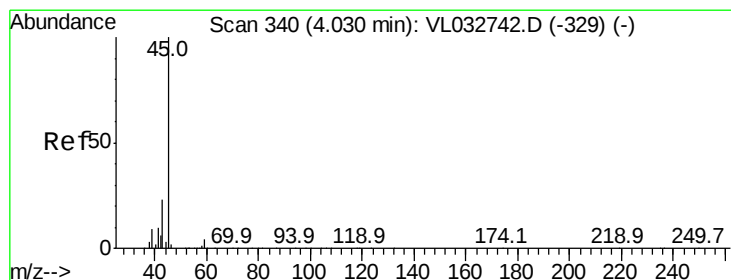
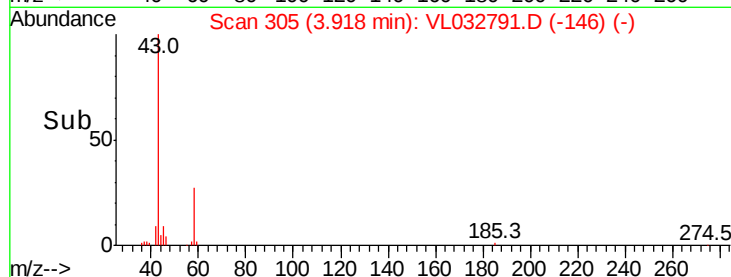
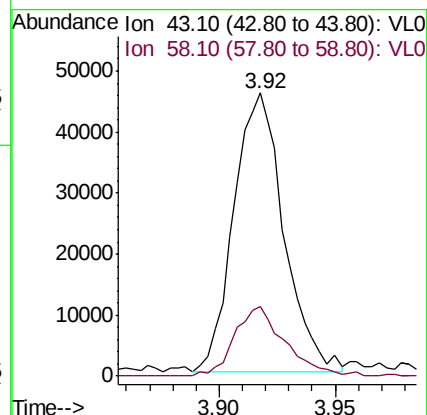
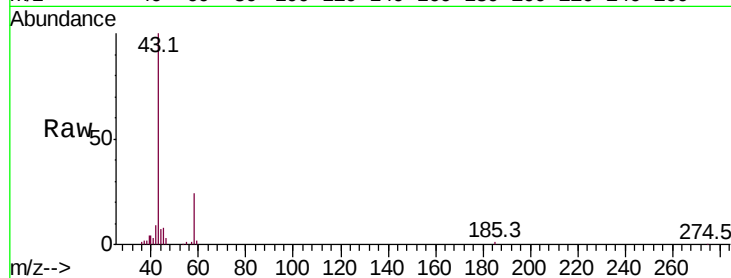




#15
Acetone
Concen: 0.566 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.01 min
Lab File: VL032791.D
Acq: 20 Nov 2018 23:20

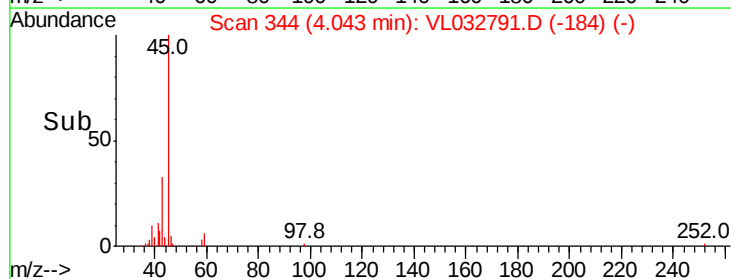
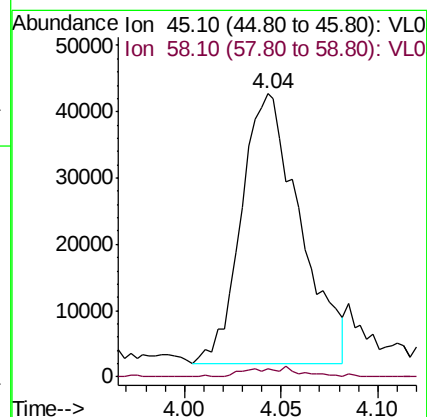
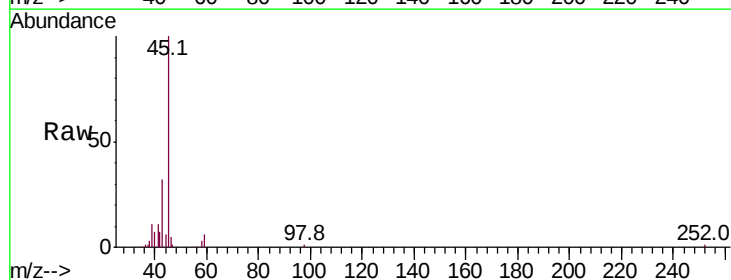
Instrument :
MSVOA_L
ClientSampleId :

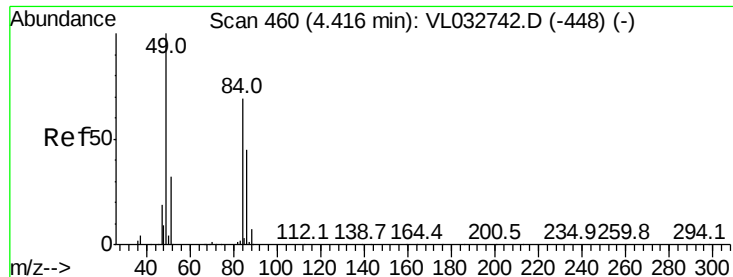
Tot Ion: 43 Resp: 68135
Ion Ratio Lower Upper
43 100
58 25.4 21.1 31.7



#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#

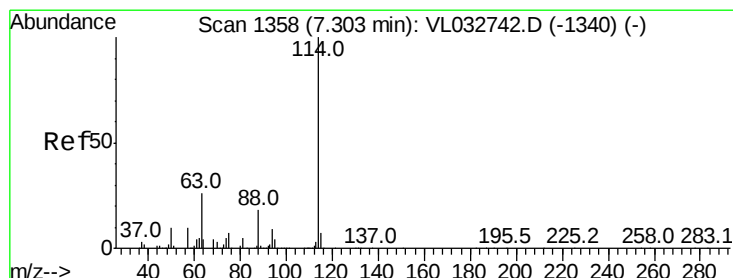
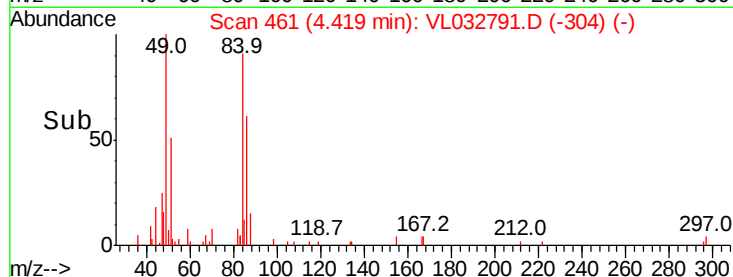
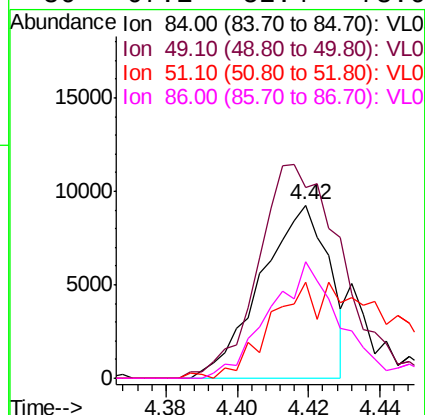
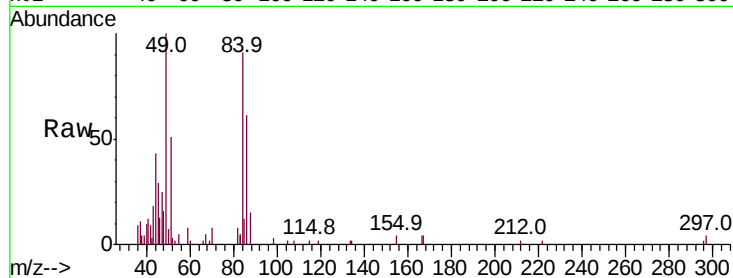




#20
Methvlene Chloride
Concen: 0.196 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032791.D
Acq: 20 Nov 2018 23:20

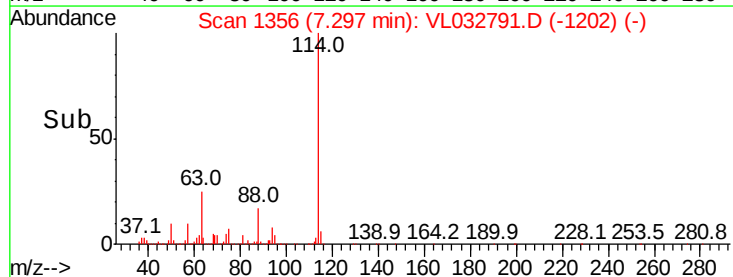
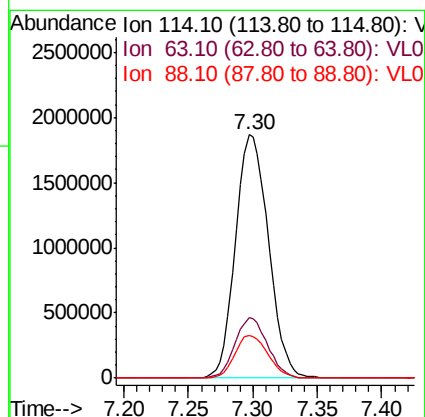
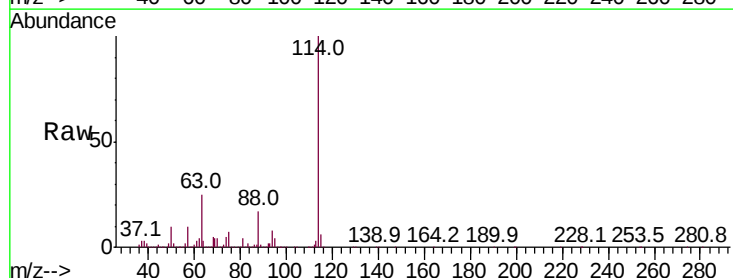
Instrument :
MSVOA_L
ClientSampleId :

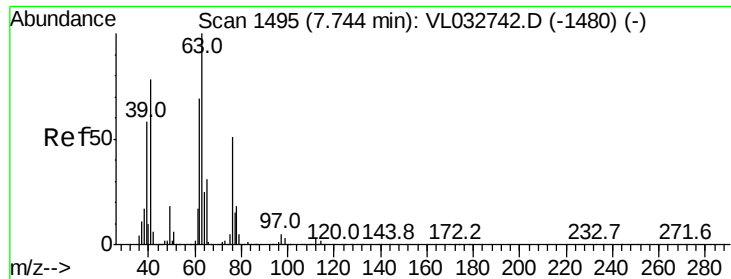
Tot Ion: 84 Resp: 12218
Ion Ratio Lower Upper
84 100
49 106.7 115.8 173.6#
51 52.8 36.9 55.3
86 67.1 52.4 78.6



#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

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





#39

1,2-Dichloropropane

Concen: 8.091 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.45 min

Lab File: VL032791.D

Acq: 20 Nov 2018 23:20

Instrument :

MSVOA_L

ClientSampleId :

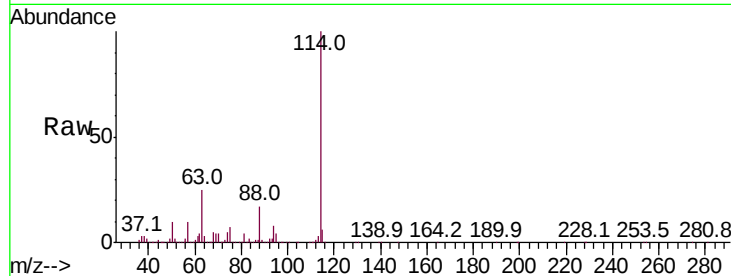
Tot Ion: 63 Resp: 817768

Ion Ratio Lower Upper

63 100

41 0.1 62.0 93.0#

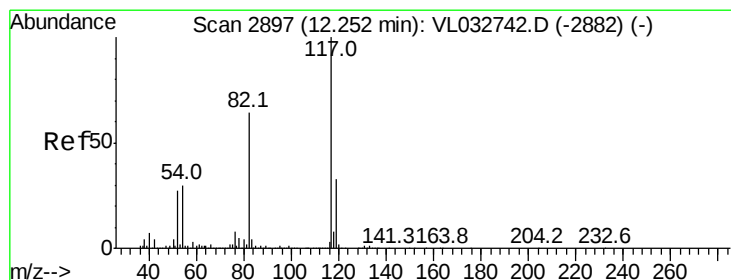
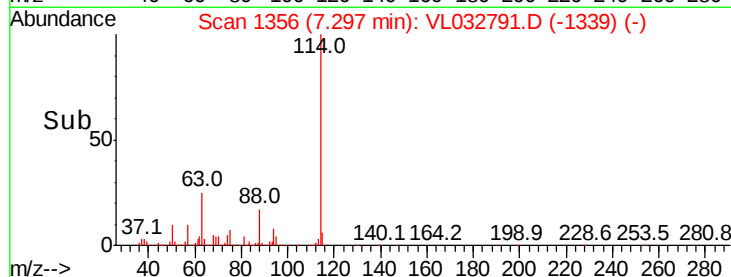
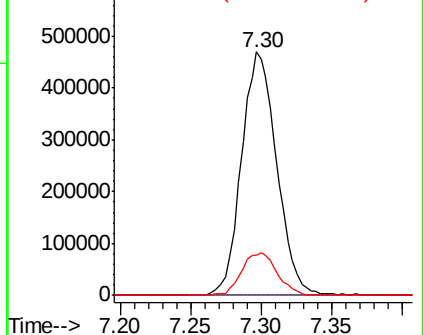
62 16.3 55.4 83.2#



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: 12.25 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VL032791.D

Acq: 20 Nov 2018 23:20

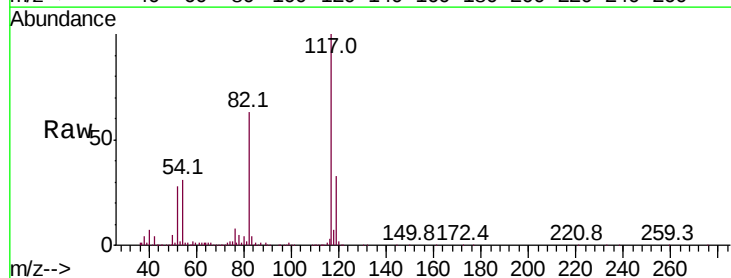
Tgt Ion: 117 Resp: 3056236

Ion Ratio Lower Upper

117 100

82 64.7 51.0 76.6

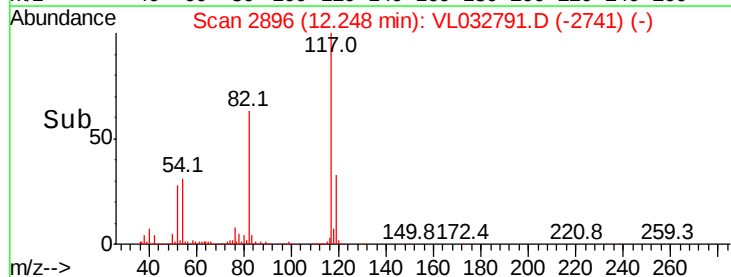
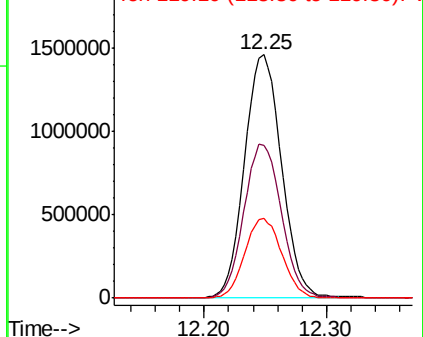
119 33.0 28.0 42.0

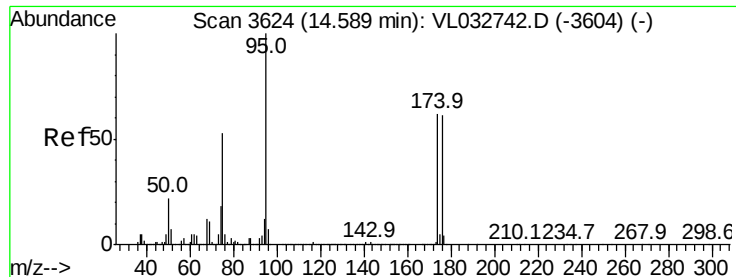


Abundance Ion 117.10 (116.80 to 117.80): V

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 :

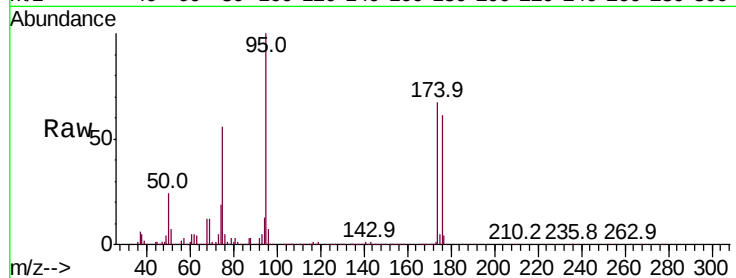
Tot Ion: 95 Resp: 2246374

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

