

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030320\
 Data File : VL034767.D
 Acq On : 3 Mar 2020 17:08
 Operator : SY/AP
 Sample : L1704-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-6-4DL

Manual Integrations
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Quant Time: Mar 04 11:17:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1122808	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.21	114	2281855	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.15	117	2273302	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1941709	10.42	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	23549m	0.465	ppbv	
13) Ethanol	3.60	45	51817	3.238	ppbv	99
15) Acetone	3.84	43	620865	4.853	ppbv	99

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

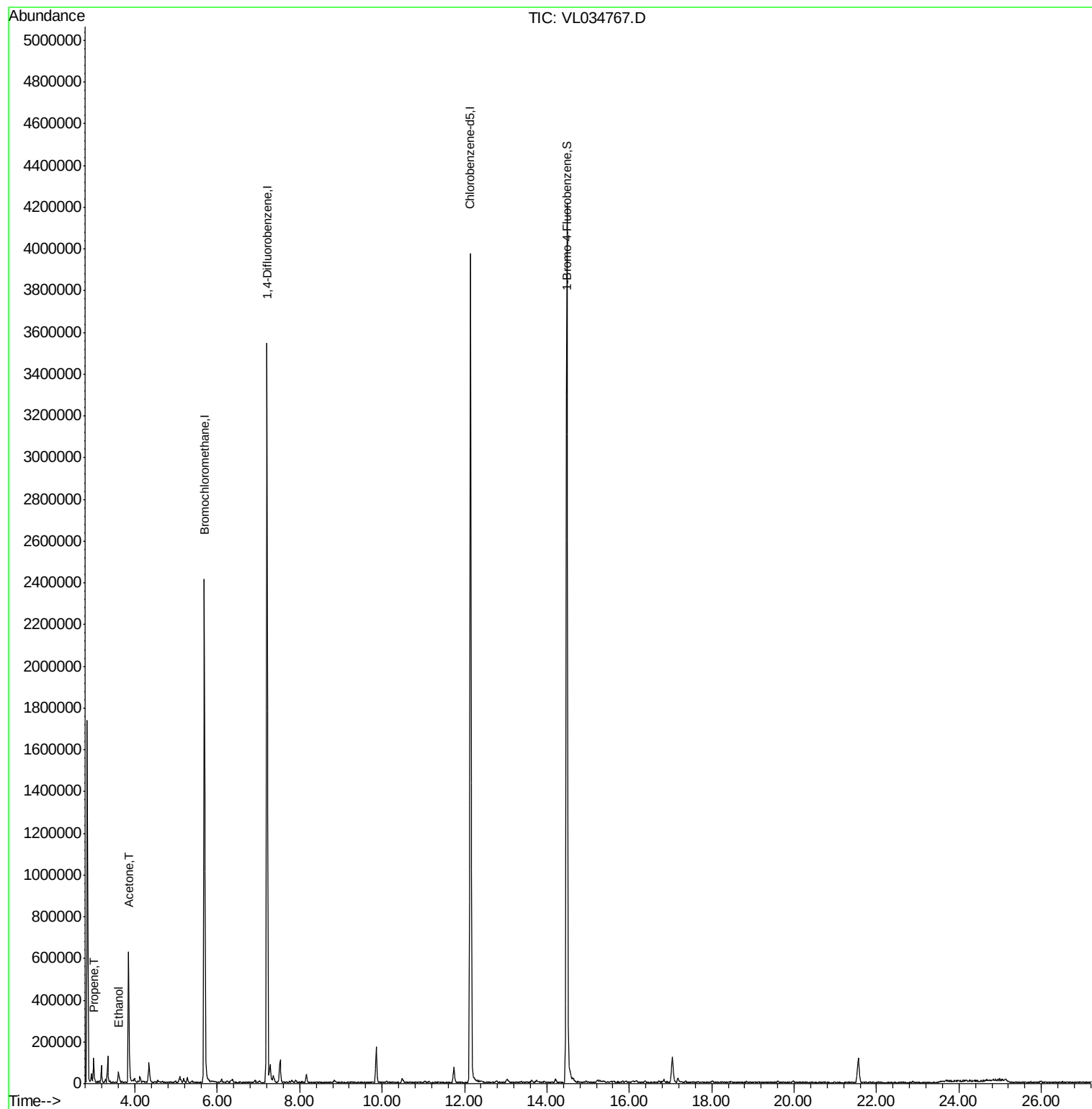
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030320\
Data File : VL034767.D
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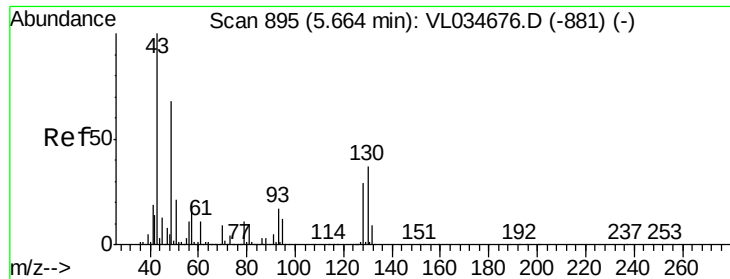
Instrument :
MSVOA_L
ClientSampleId :
IA-6-4DL

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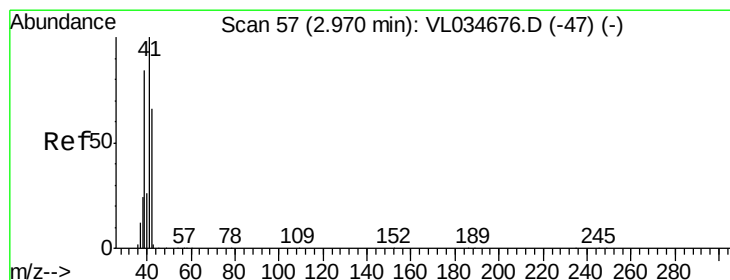
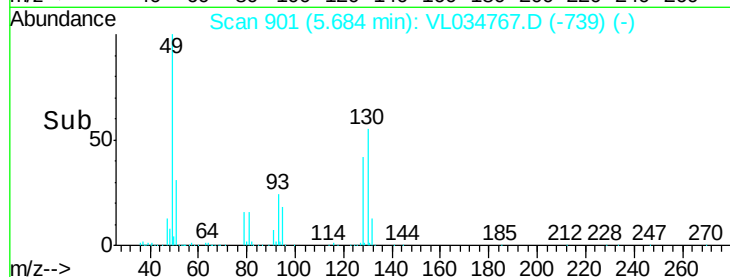
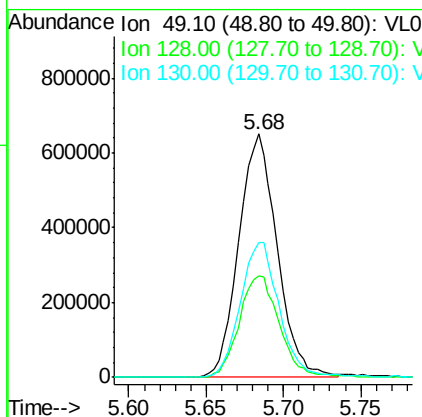
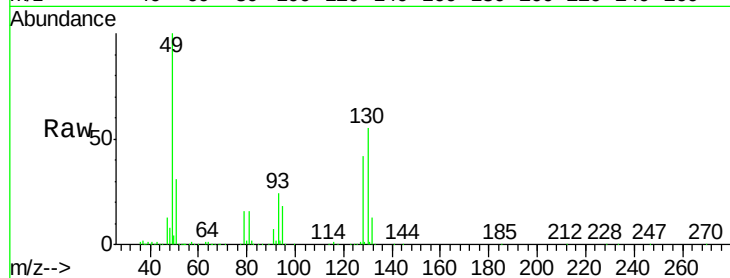
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T. 0.02 min
 Lab File: VL034767.D
 Acq: 3 Mar 2020 17:08

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-6-4DL

Tot Ion: 49 Resp: 1122808
 Ion Ratio Lower Upper
 49 100
 128 44.1 21.6 65.0
 130 56.7 27.7 83.1

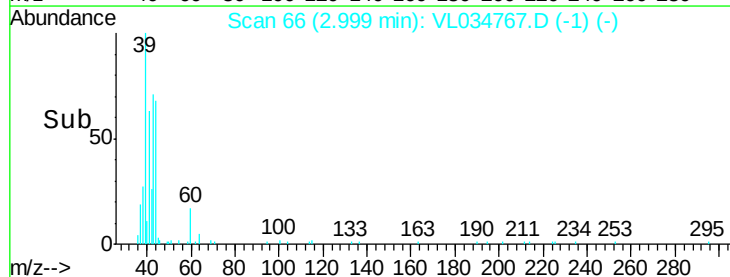
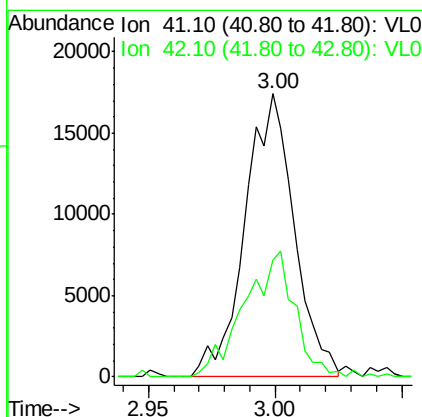
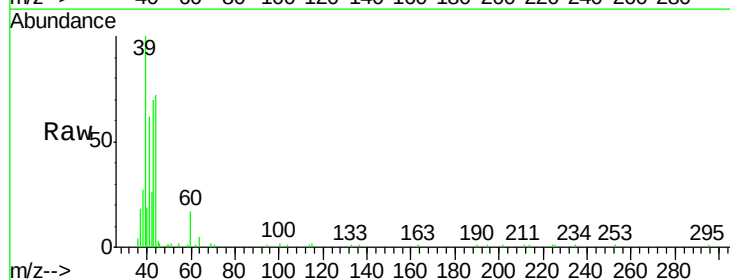
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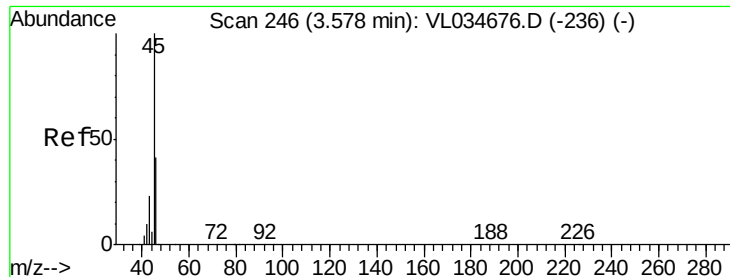
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#9
 Propene
 Concen: 0.465 ppbv m
 RT: 3.00 min Scan# 66
 Delta R.T. 0.03 min
 Lab File: VL034767.D
 Acq: 3 Mar 2020 17:08

Tgt Ion: 41 Resp: 23549
 Ion Ratio Lower Upper
 41 100
 42 2.3 54.9 82.3#





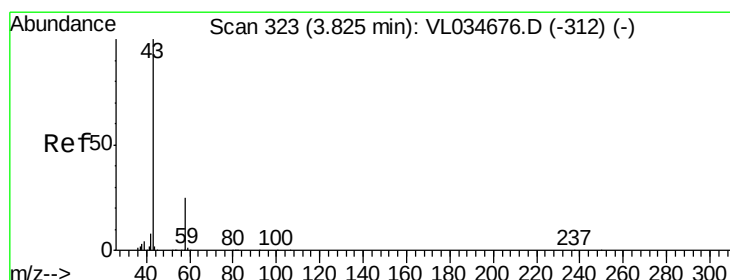
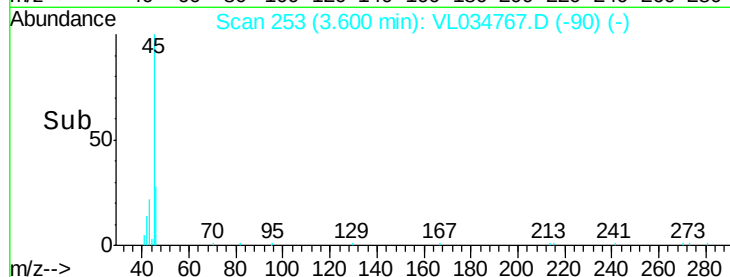
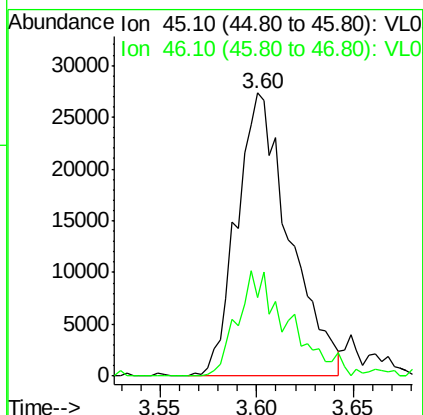
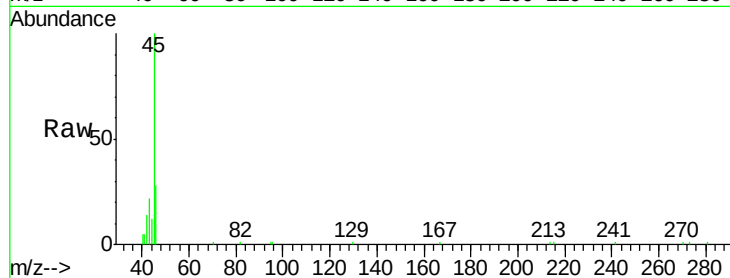
#13
Ethanol
Concen: 3.238 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.02 min
Lab File: VL034767.D
Acq: 3 Mar 2020 17:08

Instrument :
MSVOA_L
ClientSampleId :
IA-6-4DL

Tot Ion: 45 Resp: 51817
Ion Ratio Lower Upper
45 100
46 37.6 15.4 61.4

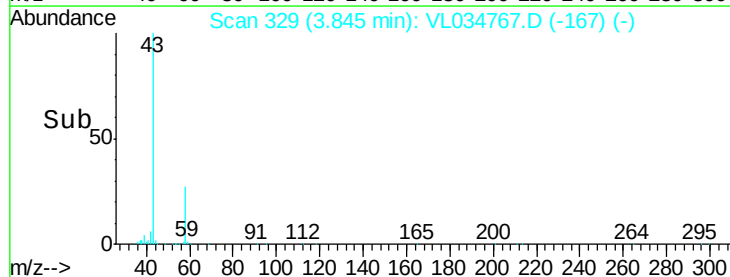
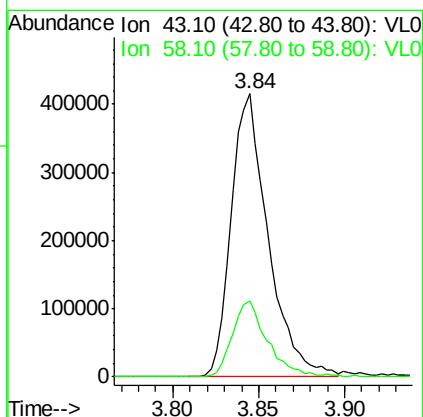
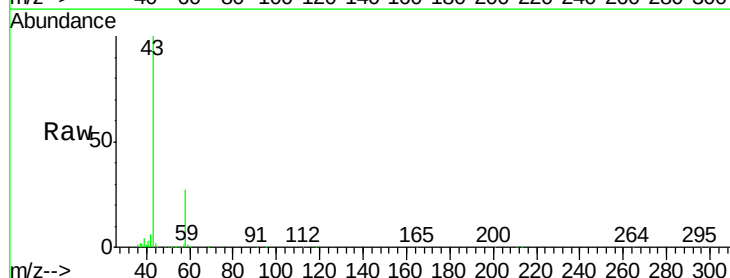
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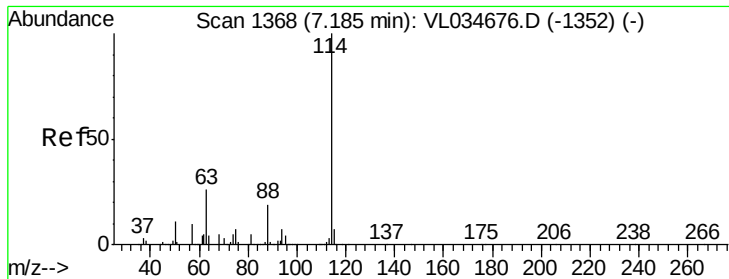
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#15
Acetone
Concen: 4.853 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.02 min
Lab File: VL034767.D
Acq: 3 Mar 2020 17:08

Tgt Ion: 43 Resp: 620865
Ion Ratio Lower Upper
43 100
58 26.1 21.4 32.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.21 min Scan# 1375

Delta R.T. 0.02 min

Lab File: VL034767.D

Acq: 3 Mar 2020 17:08

Instrument :

MSVOA_L

ClientSampleId :

IA-6-4DL

Tot Ion:114 Resp: 2281855

Ion Ratio Lower Upper

114 100

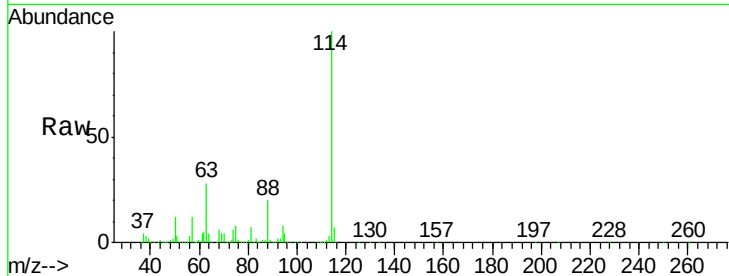
63 29.2 22.9 34.3

88 19.9 15.8 23.6

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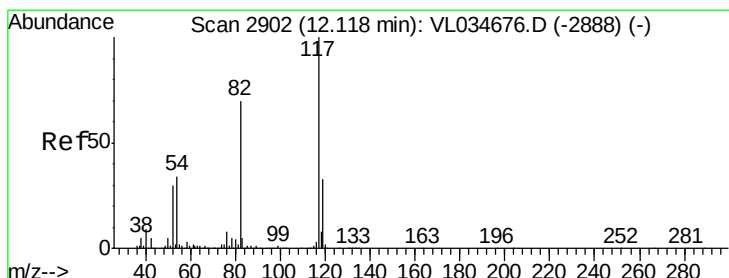
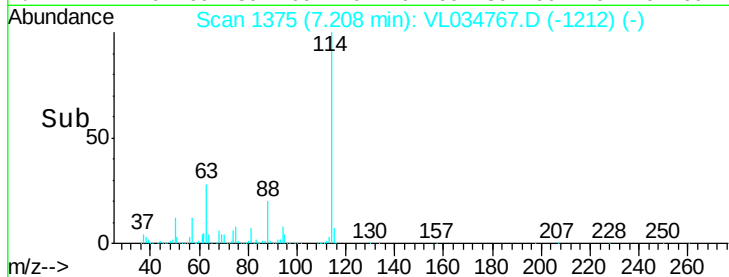
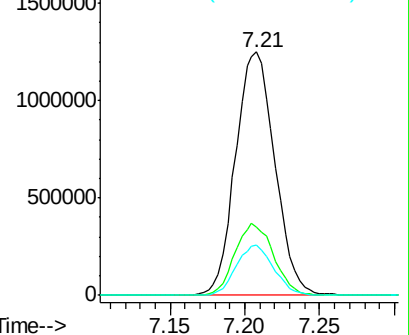
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Abundance Ion 114.10 (113.80 to 114.80): V

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: 12.15 min Scan# 2911

Delta R.T. 0.03 min

Lab File: VL034767.D

Acq: 3 Mar 2020 17:08

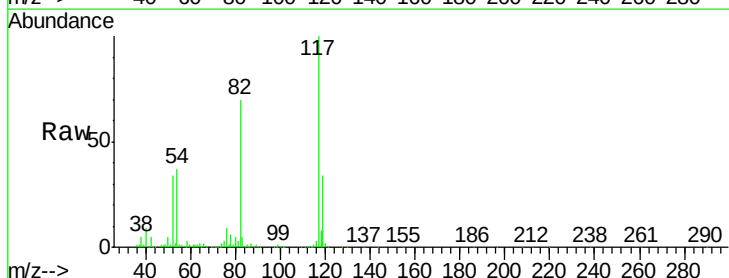
Tgt Ion:117 Resp: 2273302

Ion Ratio Lower Upper

117 100

82 71.2 54.1 81.1

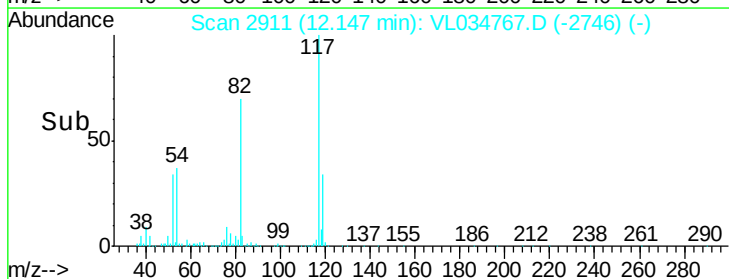
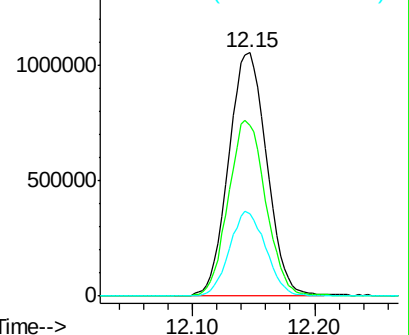
119 33.4 27.6 41.4

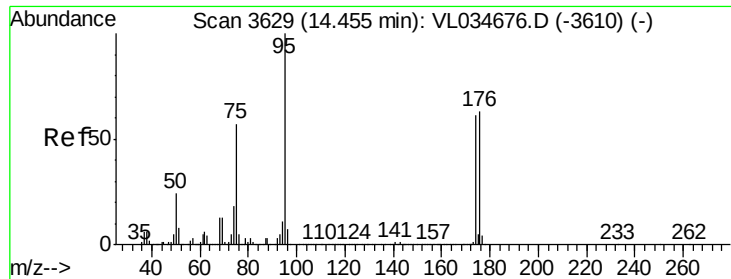


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.417 ppbv
 RT: 14.48 min Scan# 3638
 Delta R.T. 0.03 min
 Lab File: VL034767.D
 Acq: 3 Mar 2020 17:08

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-6-4DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	63.2	50.7	76.1
175	4.7	3.9	5.9

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