

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030320\
 Data File : VL034765.D
 Acq On : 3 Mar 2020 15:48
 Operator : SY/AP
 Sample : L1704-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3-4DL

Manual Integrations
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Quant Time: Mar 04 11:14:20 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	1047913	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	2106096	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.14	117	2091686	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1784290	10.40	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	107204m	2.268	ppbv	
13) Ethanol	3.61	45	39233	2.627	ppbv	99
15) Acetone	3.84	43	2164590	18.127	ppbv	99

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

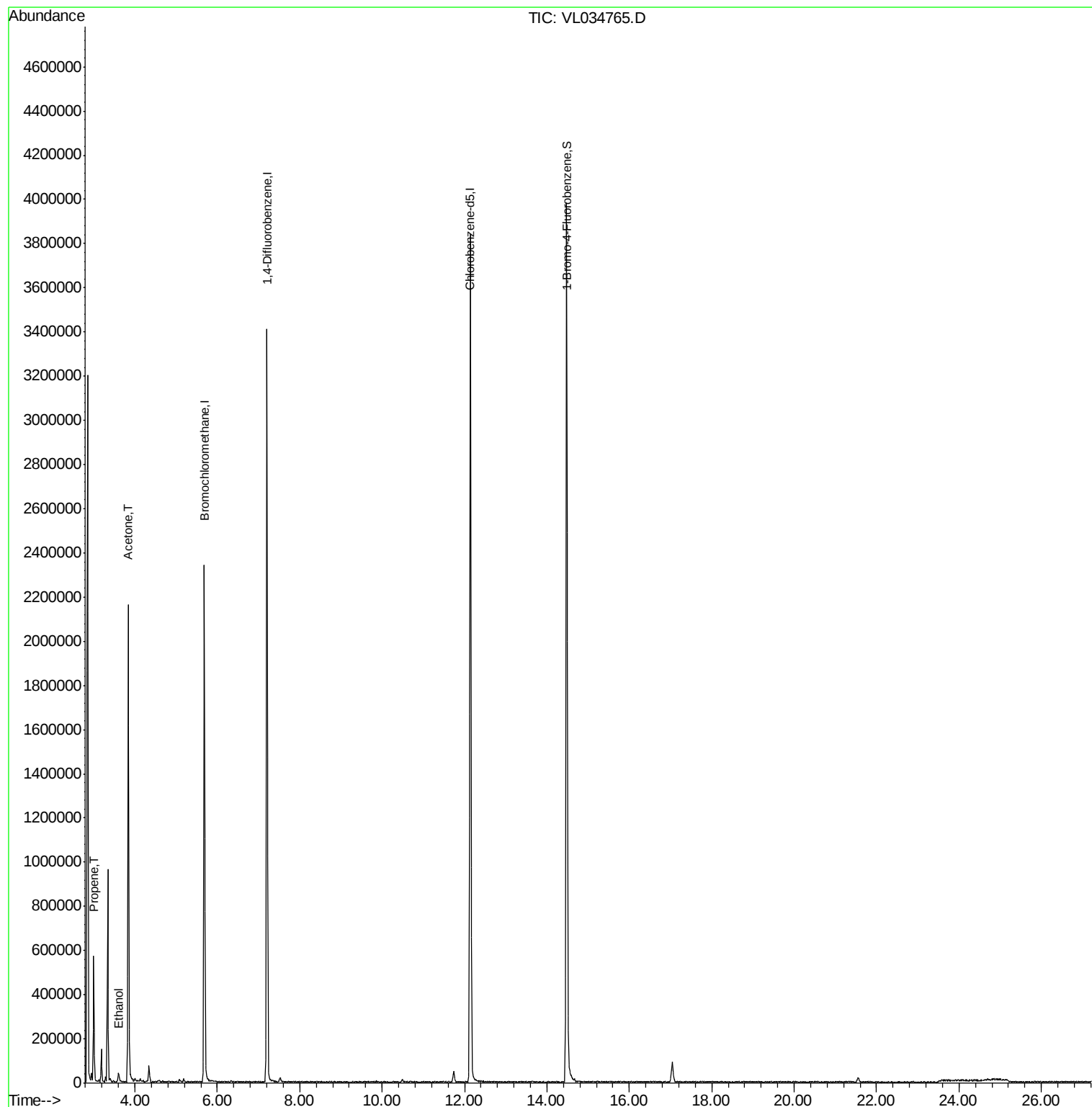
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030320\
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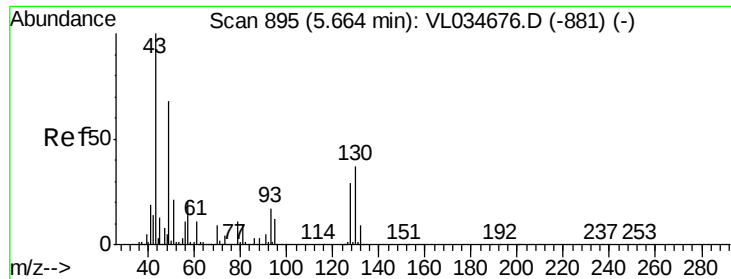
Instrument :
MSVOA_L
ClientSampleId :
IA-3-4DL

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Quant Time: Mar 04 11:14:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.02 min

Lab File: VL034765.D

Acq: 3 Mar 2020 15:48

Instrument :

MSVOA_L

ClientSampled :

IA-3-4DL

Tot Ion: 49 Resp: 1047913

Ion Ratio Lower Upper

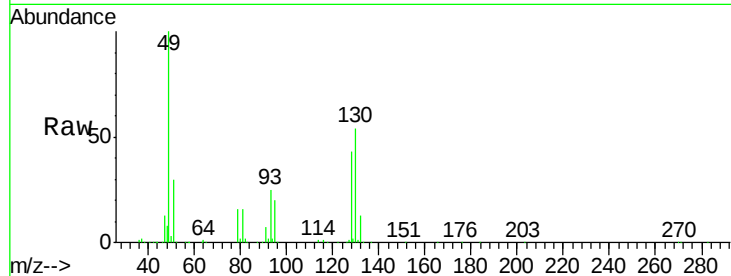
49 100

128 44.5 21.6 65.0

130 55.3 27.7 83.1

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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

800000

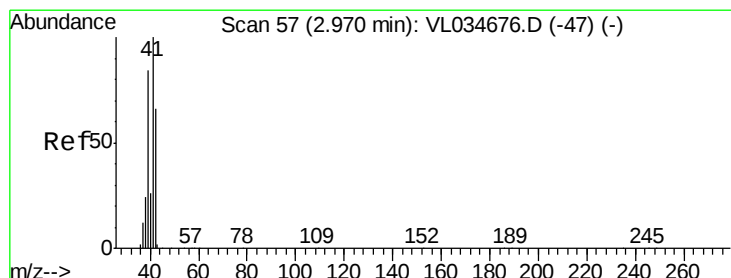
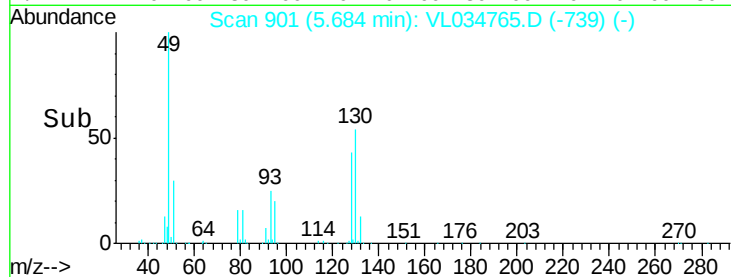
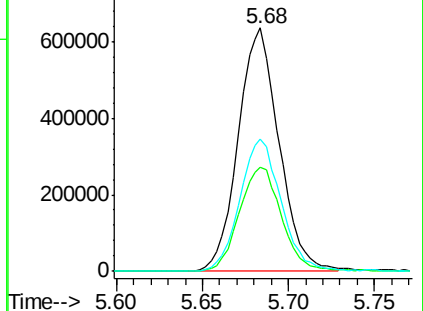
600000

400000

200000

0

5.60 5.65 5.70 5.75



#9

Propene

Concen: 2.268 ppbv m

RT: 3.00 min Scan# 66

Delta R.T. 0.03 min

Lab File: VL034765.D

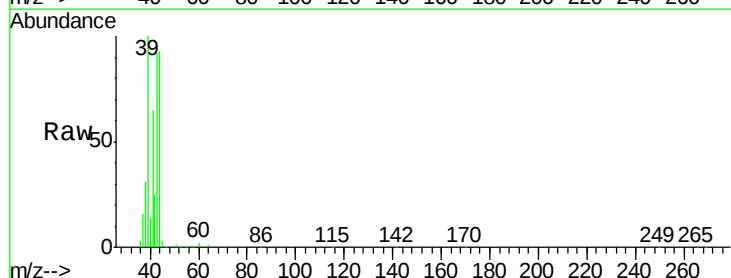
Acq: 3 Mar 2020 15:48

Tgt Ion: 41 Resp: 107204

Ion Ratio Lower Upper

41 100

42 22.3 54.9 82.3#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

80000

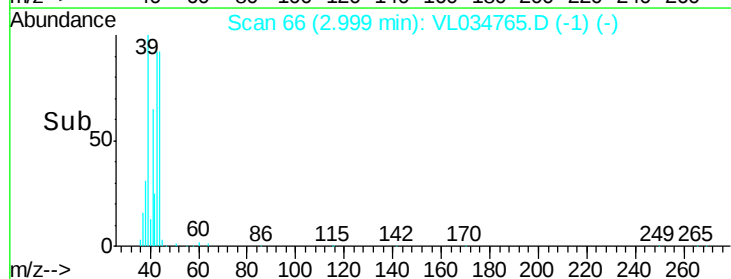
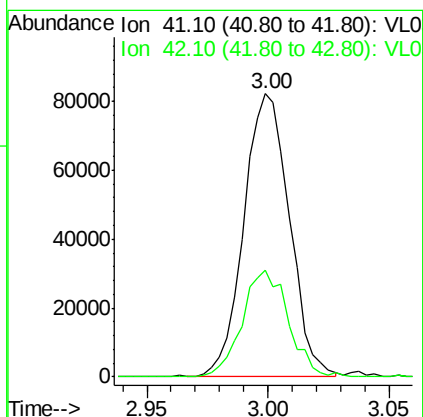
60000

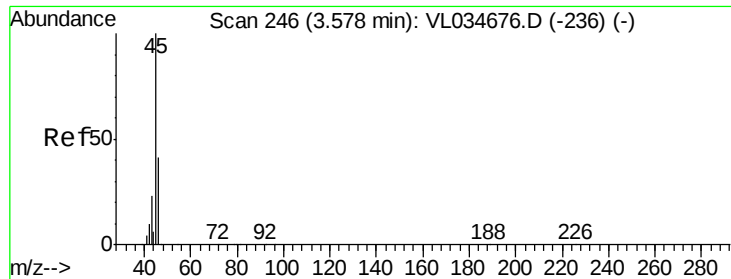
40000

20000

0

2.95 3.00 3.05





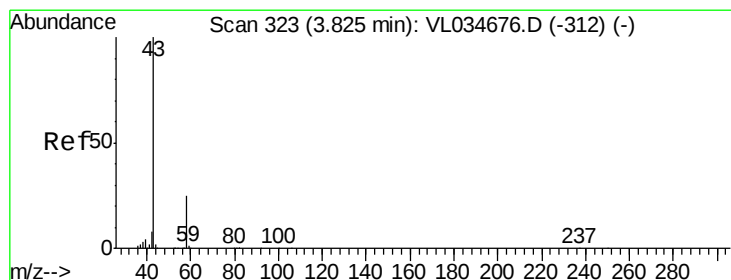
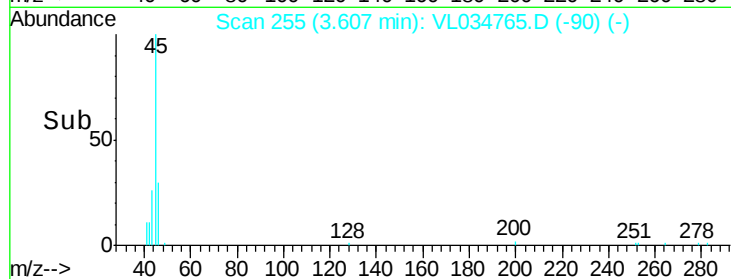
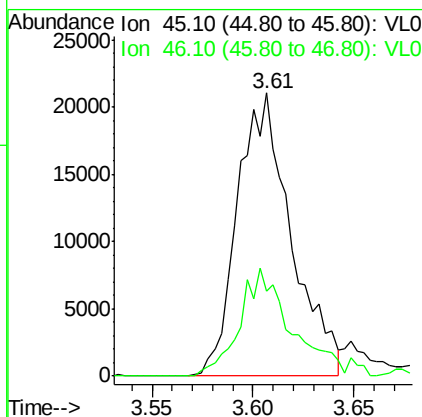
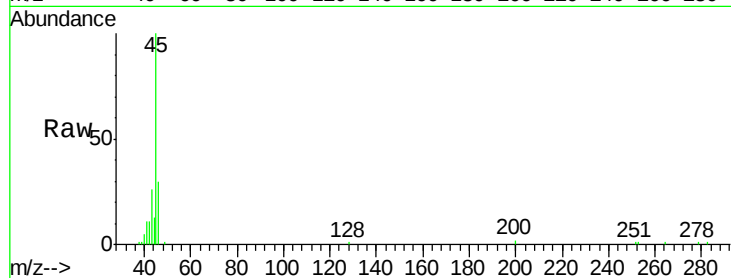
#13
Ethanol
Concen: 2.627 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.03 min
Lab File: VL034765.D
Acq: 3 Mar 2020 15:48

Instrument :
MSVOA_L
ClientSampleId :
IA-3-4DL

Tot Ion	45	46	Ratio	Lower	Upper
39233	100	37.6		15.4	61.4

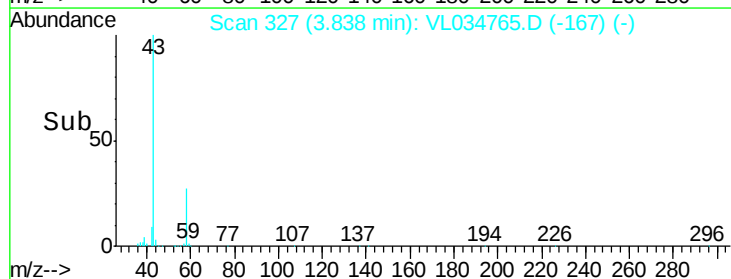
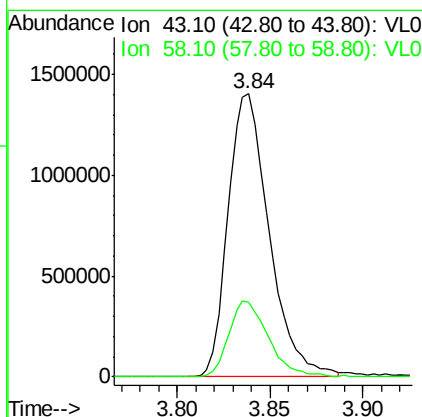
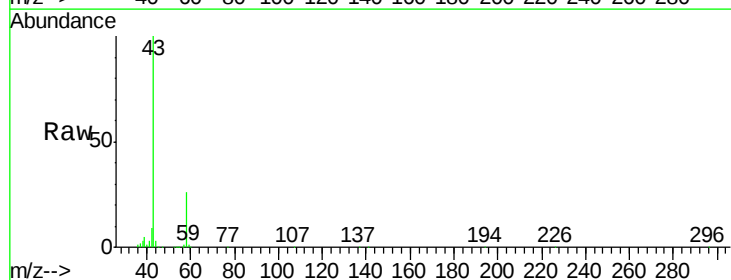
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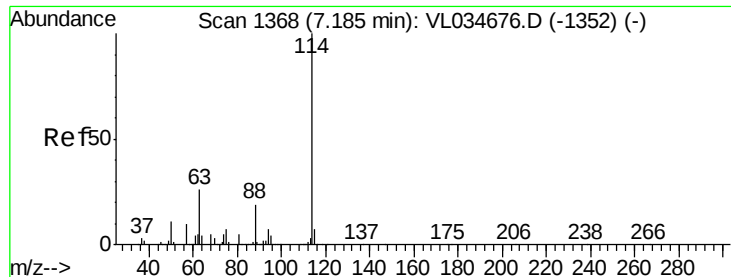
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#15
Acetone
Concen: 18.127 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.01 min
Lab File: VL034765.D
Acq: 3 Mar 2020 15:48

Tgt Ion	43	58	Ratio	Lower	Upper
2164590	100	26.4		21.4	32.0





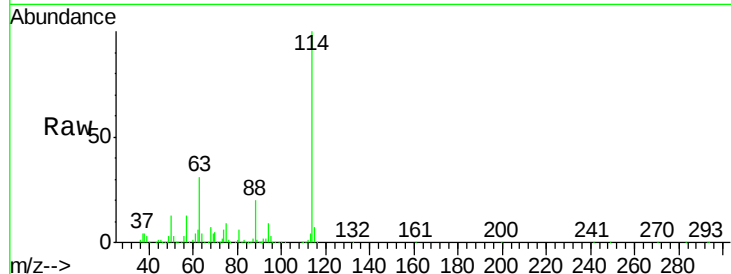
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. 0.02 min
 Lab File: VL034765.D
 Acq: 3 Mar 2020 15:48

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3-4DL

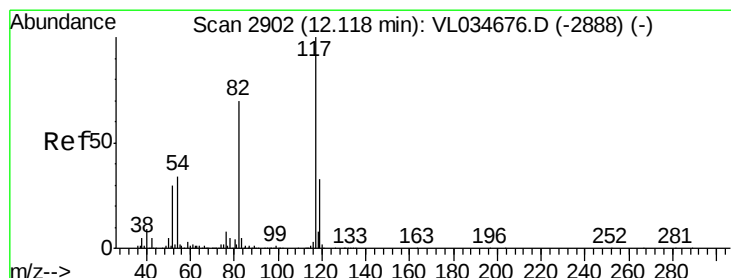
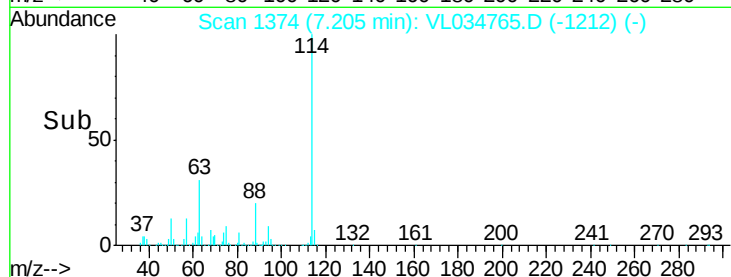
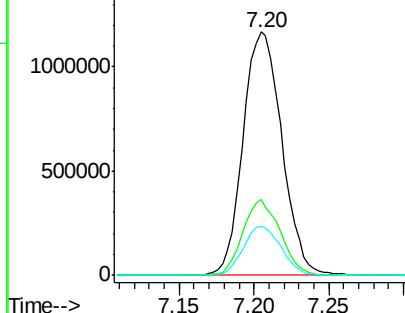
Tot Ion	Ratio	Lower	Upper
114	100		
63	30.2	22.9	34.3
88	19.8	15.8	23.6

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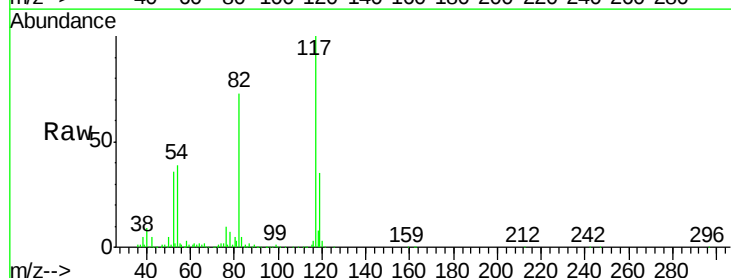


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

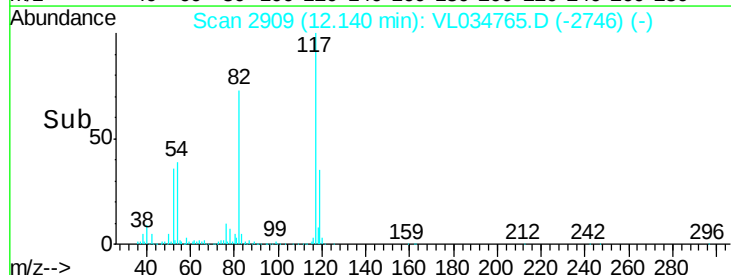
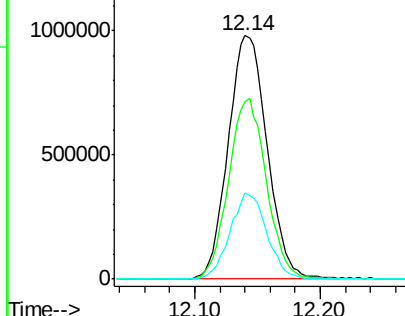


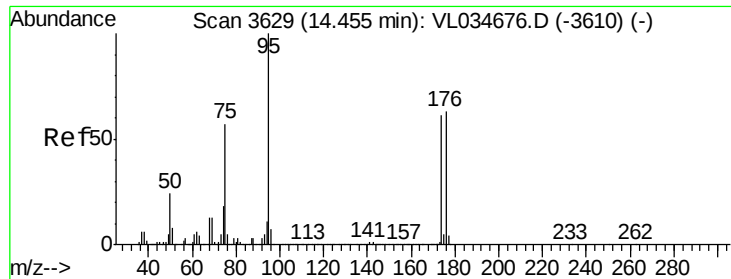
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.14 min Scan# 2909
 Delta R.T. 0.02 min
 Lab File: VL034765.D
 Acq: 3 Mar 2020 15:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	73.3	54.1	81.1
119	33.9	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: 10.403 ppbv
 RT: 14.48 min Scan# 3637
 Delta R.T. 0.03 min
 Lab File: VL034765.D
 Acq: 3 Mar 2020 15:48

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3-4DL

Tot Ion	Ion	Ratio	Lower	Upper
95	100			
174	63.5	50.7	76.1	
175	4.7	3.9	5.9	

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