

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100318\
 Data File : VL032586.D
 Acq On : 3 Oct 2018 19:25
 Operator : SY/AP
 Sample : J5094-07DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LSS-1DL

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 7:07:05 PM

Quant Time: Oct 04 09:49:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 01 06:49:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1063969	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2700934	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	2903067	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2068594	9.45	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.50%
Target Compounds						
15) Acetone	3.93	43	127503	1.365	ppbv	Ovalue 99
52) Tetrachloroethene	11.40	164	660026m	8.685	ppbv	

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

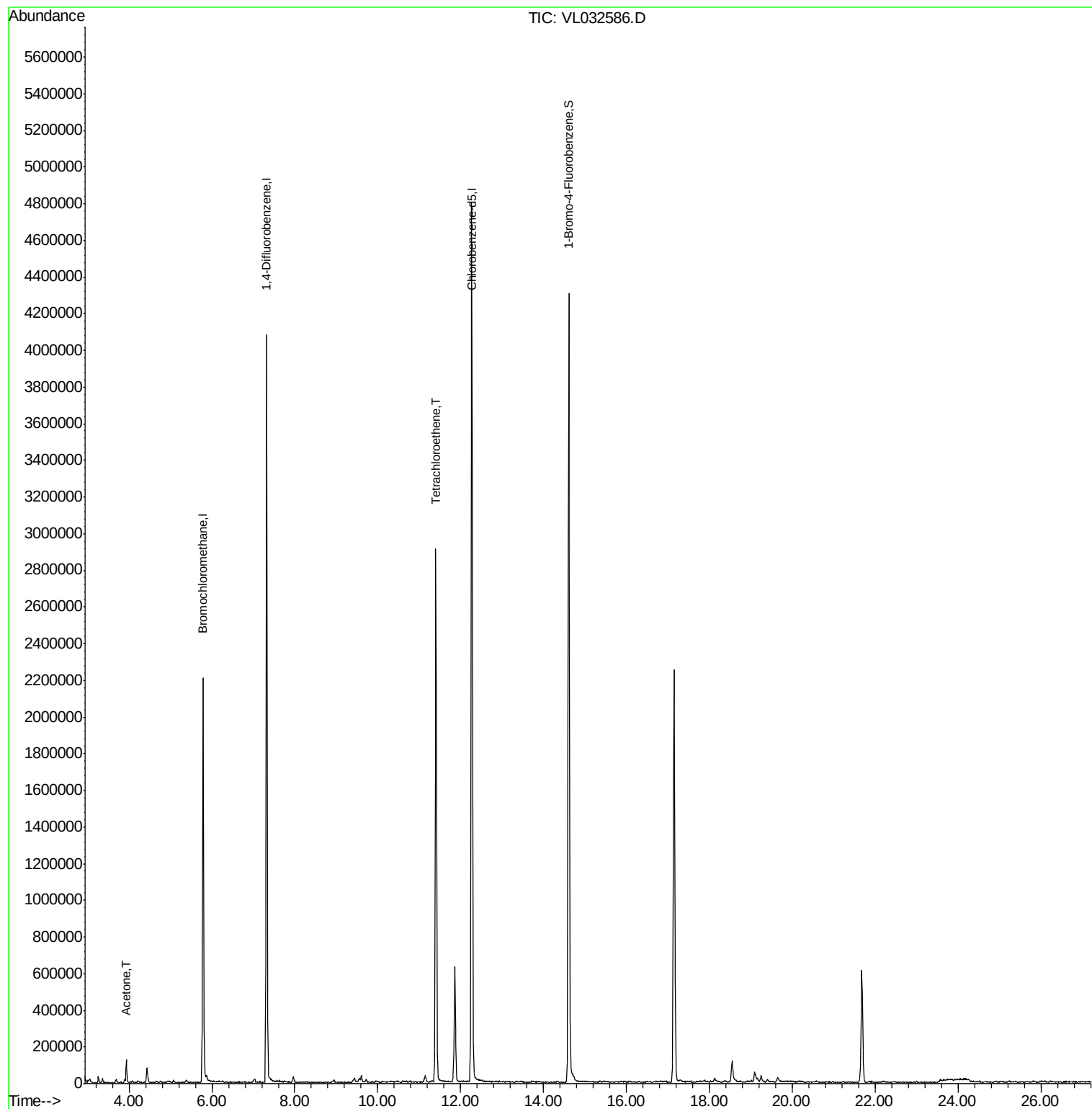
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL100318\
Data File : VL032586.D
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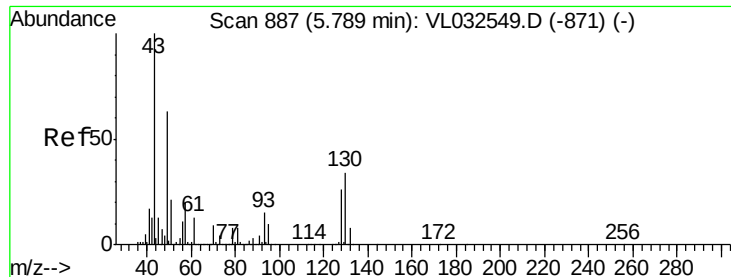
Instrument :
MSVOA_L
ClientSampleId :
LSS-1DL

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QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL032586.D

Acq: 3 Oct 2018 19:25

Instrument :

MSVOA_L

ClientSampled :

LSS-1DL

Tot Ion: 49 Resp: 1063969

Ion Ratio Lower Upper

49 100

128 45.8 20.7 62.1

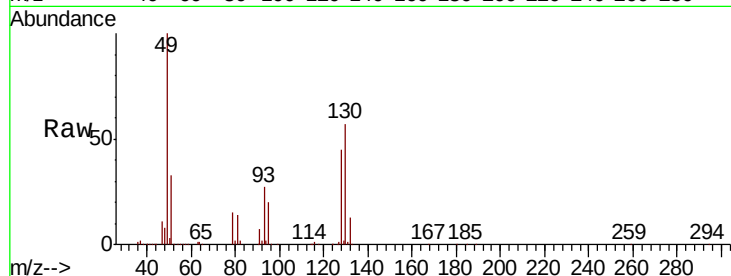
130 57.4 26.6 79.7

Manual Integrations

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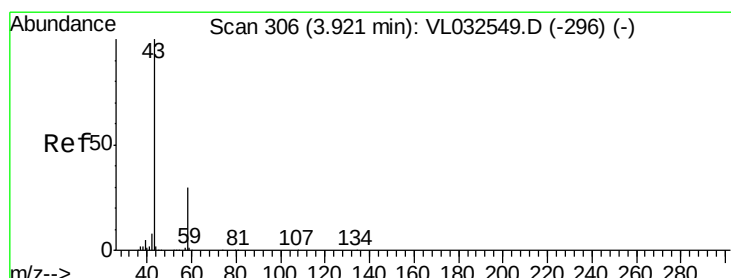
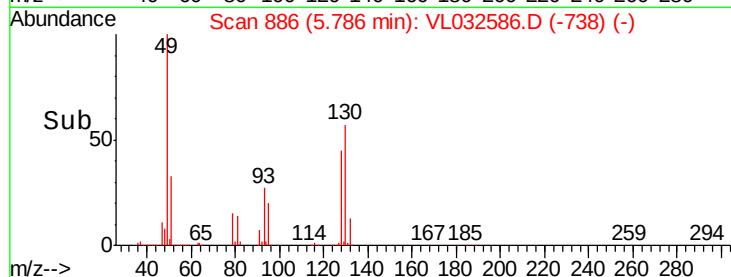
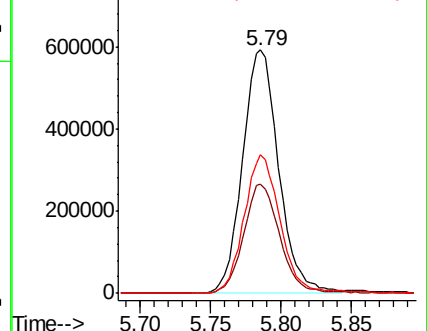
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 1.365 ppbv

RT: 3.93 min Scan# 309

Delta R.T. -0.01 min

Lab File: VL032586.D

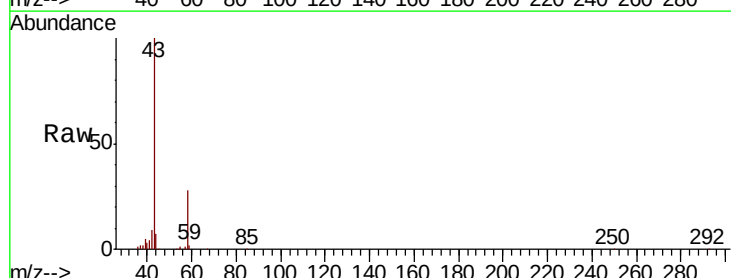
Acq: 3 Oct 2018 19:25

Tgt Ion: 43 Resp: 127503

Ion Ratio Lower Upper

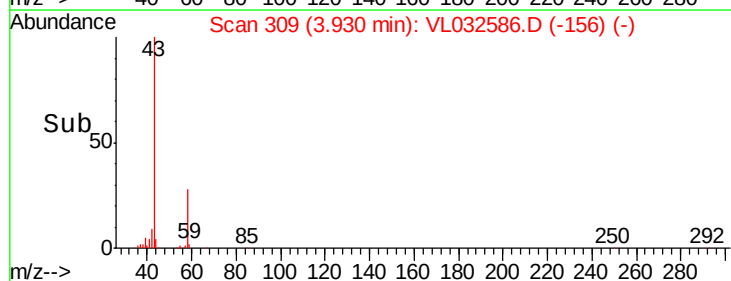
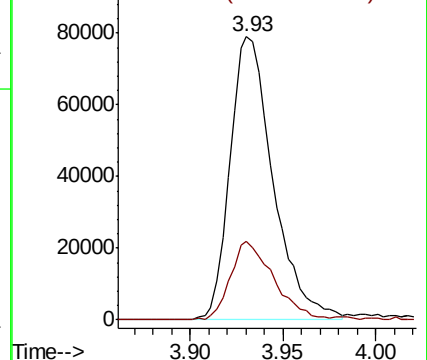
43 100

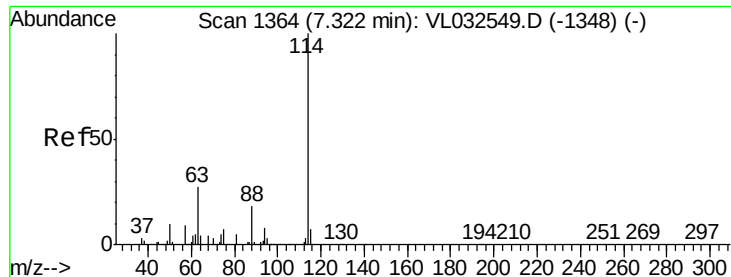
58 28.8 22.6 33.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





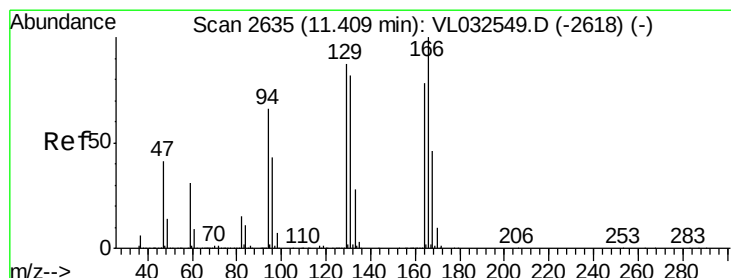
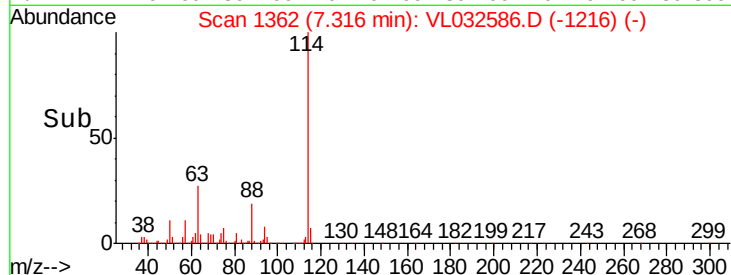
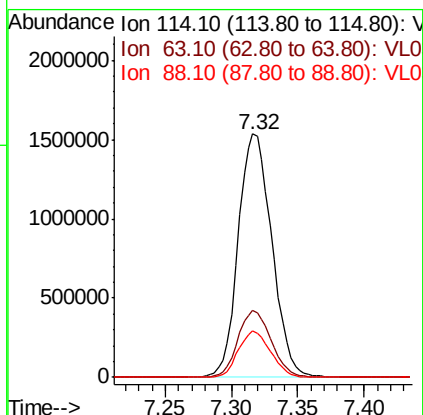
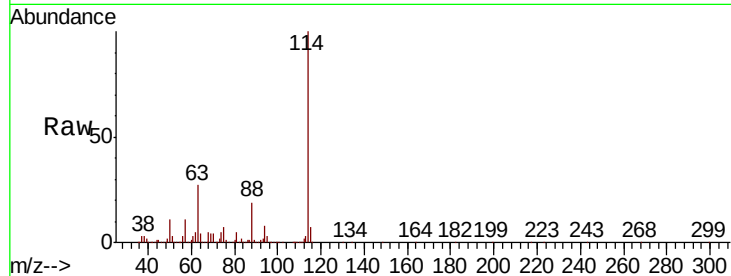
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.32 min Scan# 1362
 Delta R.T. -0.03 min
 Lab File: VL032586.D
 Acq: 3 Oct 2018 19:25

Instrument :
 MSVOA_L
 ClientSampleId :
 LSS-1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.2	33.4
88	18.3	15.0	22.4

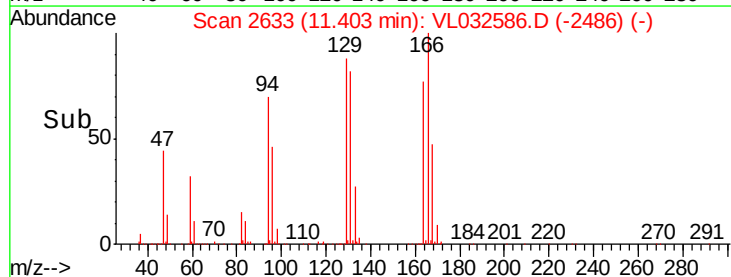
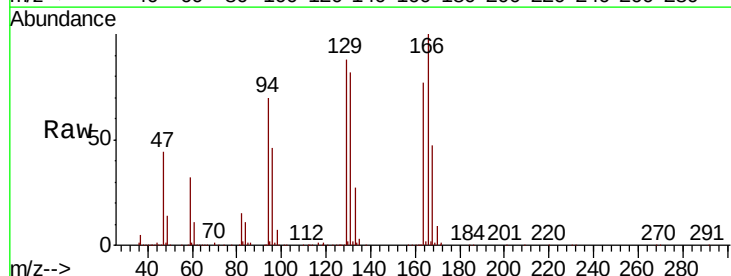
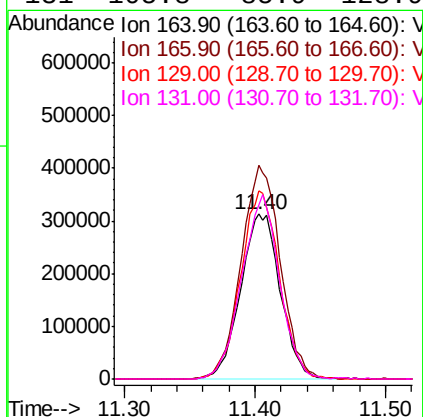
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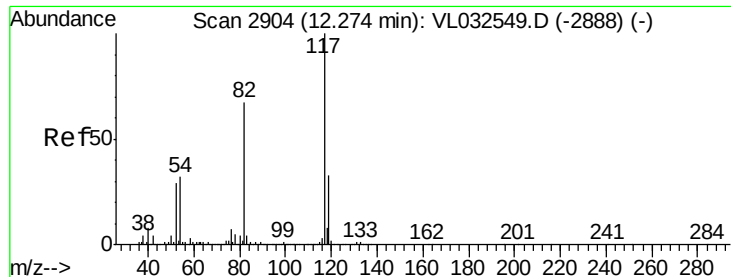
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#52
 Tetrachloroethene
 Concen: 8.685 ppbv m
 RT: 11.40 min Scan# 2633
 Delta R.T. -0.03 min
 Lab File: VL032586.D
 Acq: 3 Oct 2018 19:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	100.6	150.8
129	113.9	89.9	134.9
131	105.8	85.9	128.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.27 min Scan# 2902

Delta R.T. -0.03 min

Lab File: VL032586.D

Acq: 3 Oct 2018 19:25

Instrument :

MSVOA_L

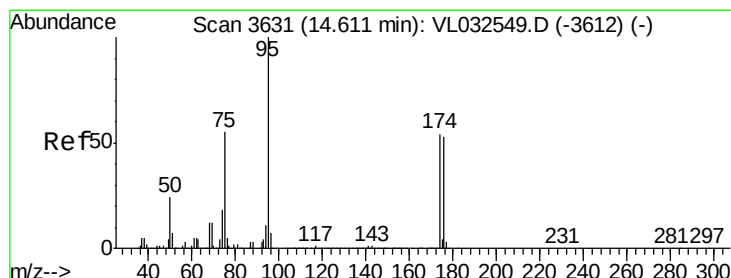
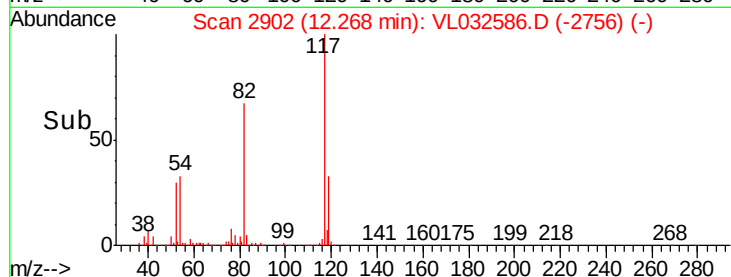
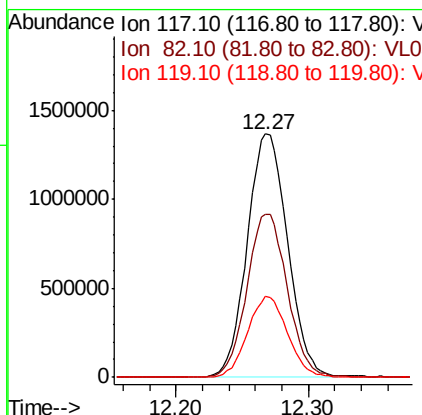
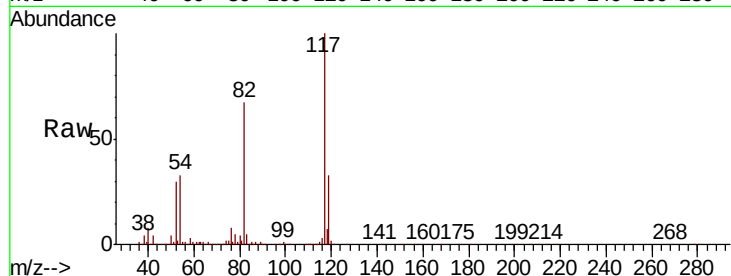
ClientSampleId :

LSS-1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.3	53.0	79.6
119	32.9	45.9	68.9#

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.449 ppbv

RT: 14.61 min Scan# 3629

Delta R.T. -0.03 min

Lab File: VL032586.D

Acq: 3 Oct 2018 19:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	58.2	46.3	69.5
175	4.0	3.4	5.0

