

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121718\
 Data File : VL033017.D
 Acq On : 18 Dec 2018 5:05
 Operator : SY/AP
 Sample : J6444-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 YT-CBA-LTM5-04DL

Manual Integrations
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Quant Time: Dec 19 16:04:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1200784	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2919935	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2106452	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2281464	14.66	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	146.60%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	119585m	3.326	ppbv	
13) Ethanol	3.67	45	58820	4.751	ppbv	91
53) Toluene	9.95	91	2196060	9.641	ppbv	99

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

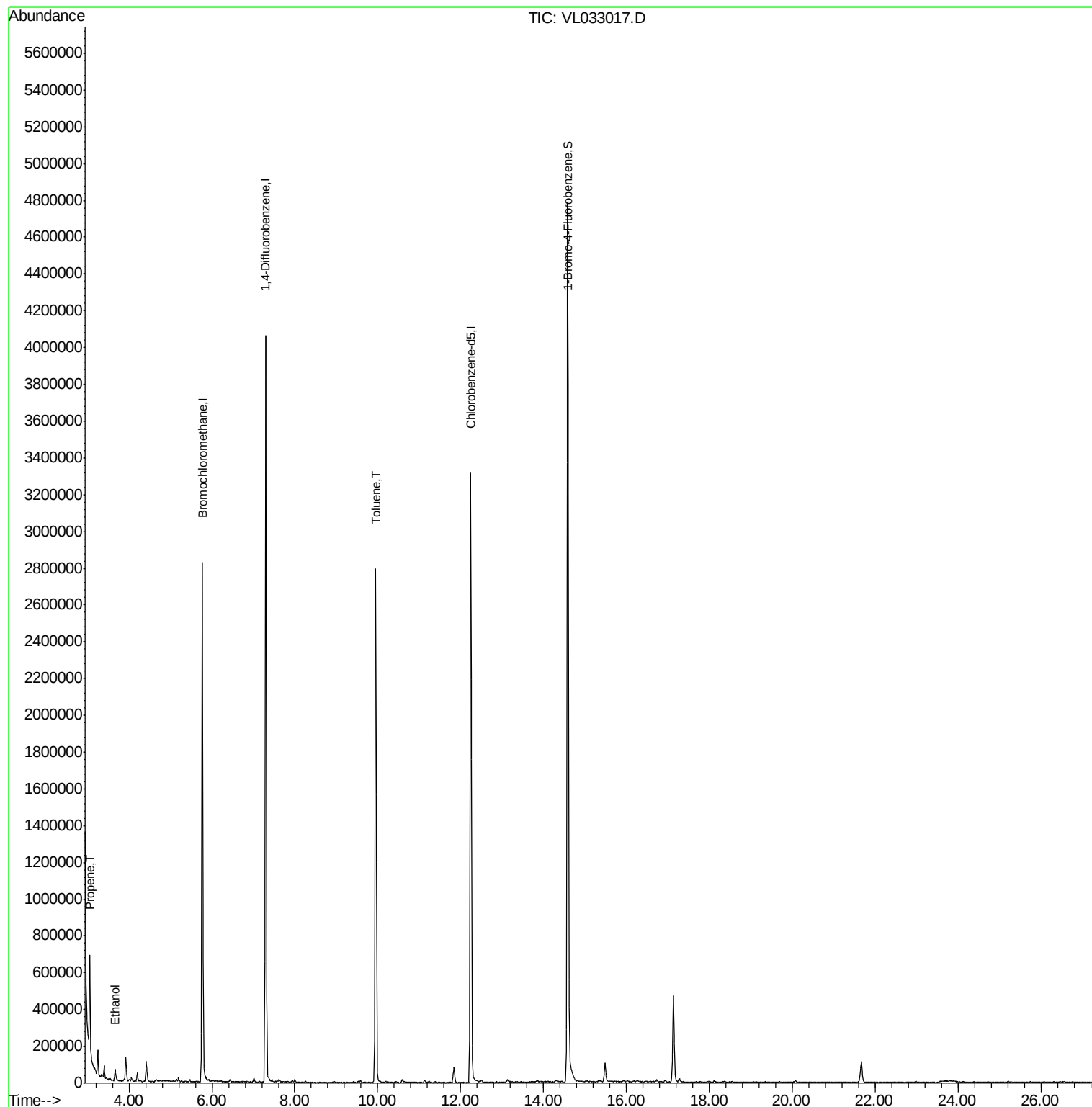
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Data File : VL033017.D
Acq On : 18 Dec 2018 5:05
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

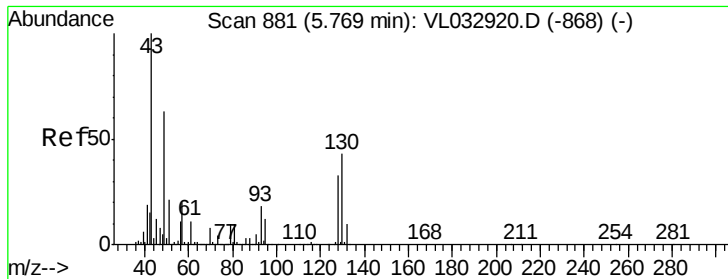
Instrument :
MSVOA_L
ClientSampleId :
YT-CBA-LTM5-04DL

Manual Integrations
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Quant Time: Dec 19 16:04:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL033017.D

Acq: 18 Dec 2018 5:05

Instrument :

MSVOA_L

ClientSampleId :

YT-CBA-LTM5-04DL

Tot Ion: 49 Resp: 1200784

Ion Ratio Lower Upper

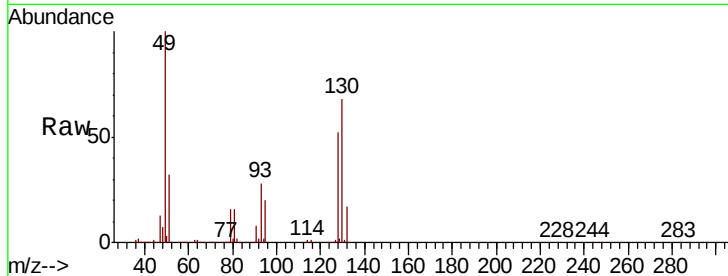
49 100

128 54.3 26.3 78.8

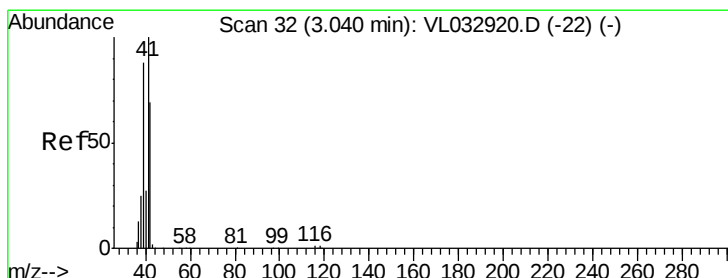
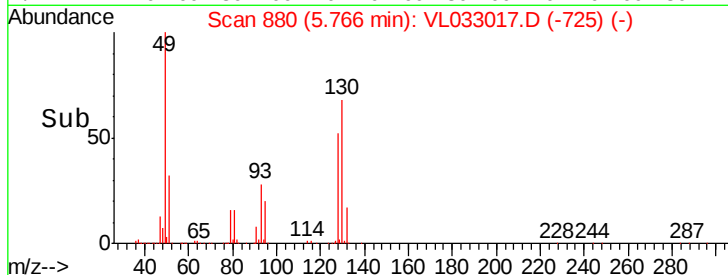
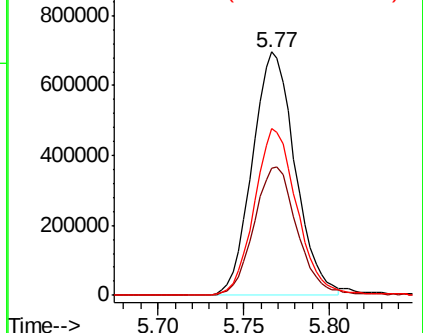
130 69.1 33.9 101.7

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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



#9

Propene

Concen: 3.326 ppbv m

RT: 3.05 min Scan# 36

Delta R.T. 0.01 min

Lab File: VL033017.D

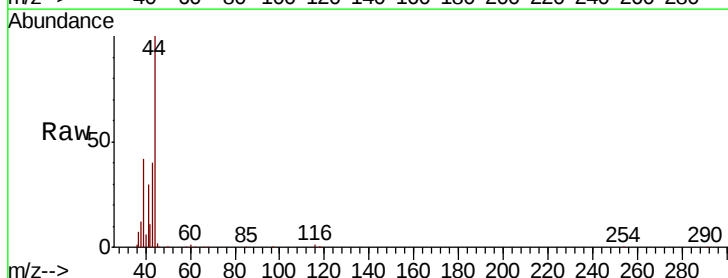
Acq: 18 Dec 2018 5:05

Tgt Ion: 41 Resp: 119585

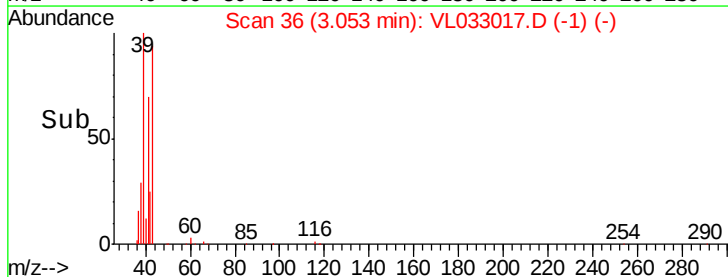
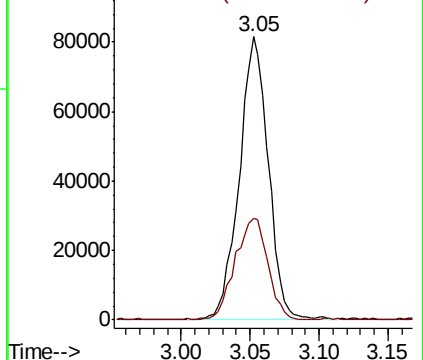
Ion Ratio Lower Upper

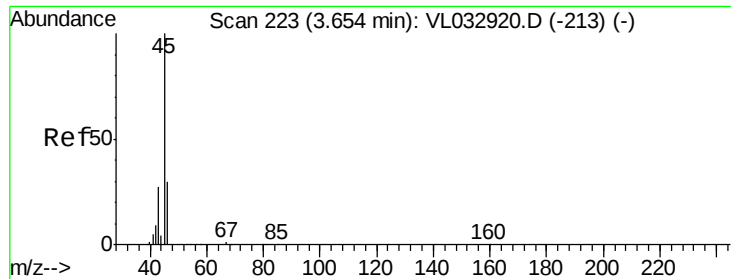
41 100

42 20.2 56.2 84.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0





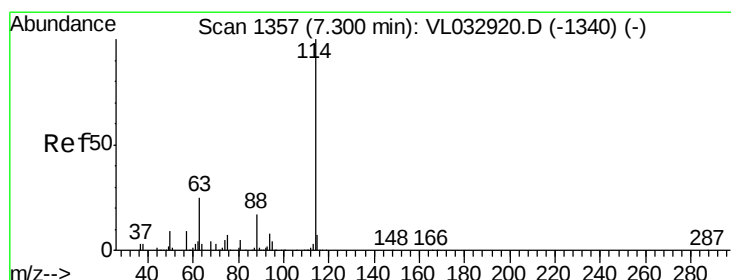
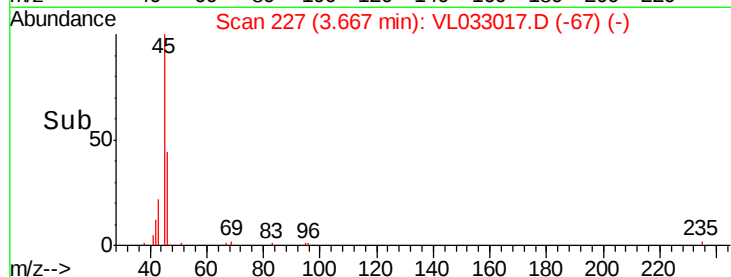
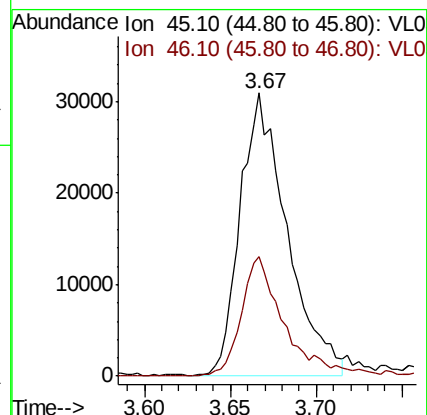
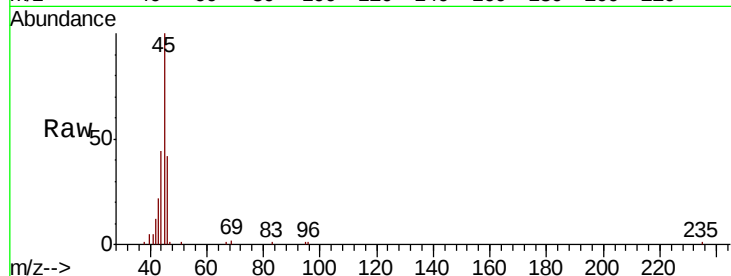
#13
Ethanol
Concen: 4.751 ppbv
RT: 3.67 min Scan# 227
Delta R.T. 0.01 min
Lab File: VL033017.D
Acq: 18 Dec 2018 5:05

Instrument :
MSVOA_L
ClientSampleId :
YT-CBA-LTM5-04DL

Tot Ion	45	46	Ratio	Lower	Upper
58820	100	39.8		13.8	55.4

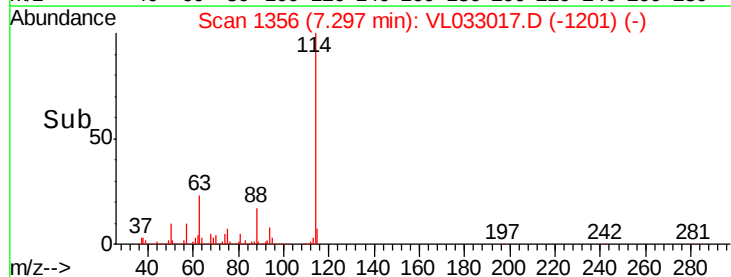
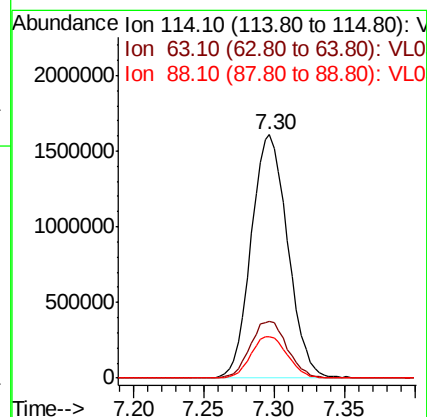
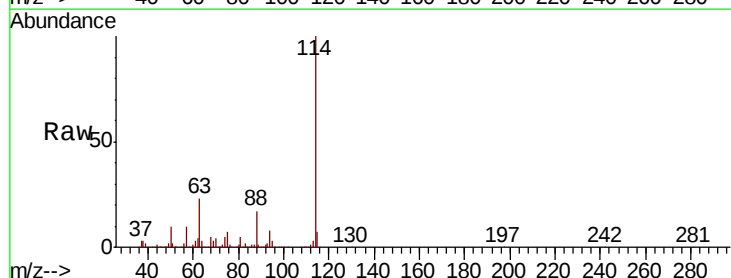
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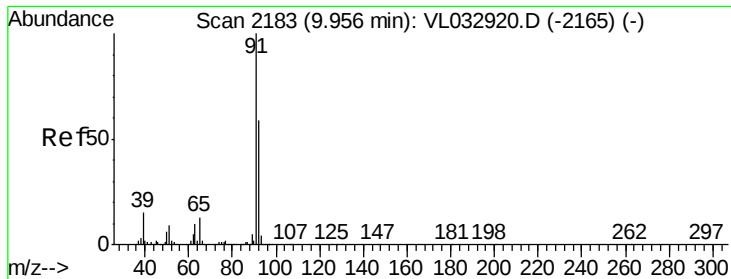
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VL033017.D
Acq: 18 Dec 2018 5:05

Tgt Ion	114	63	88	Ratio	Lower	Upper
2919935	100	23.8	17.2		20.1	30.1





#53

Toluene

Concen: 9.641 ppbv

RT: 9.95 min Scan# 2182

Delta R.T. -0.00 min

Lab File: VL033017.D

Acq: 18 Dec 2018 5:05

Instrument :

MSVOA_L

ClientSampleId :

YT-CBA-LTM5-04DL

Tot Ion: 91 Resp: 2196060

Ion Ratio Lower Upper

91 100

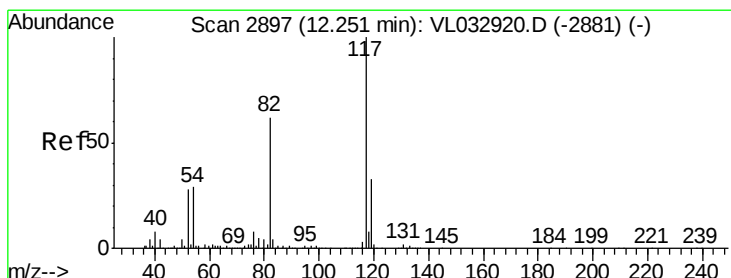
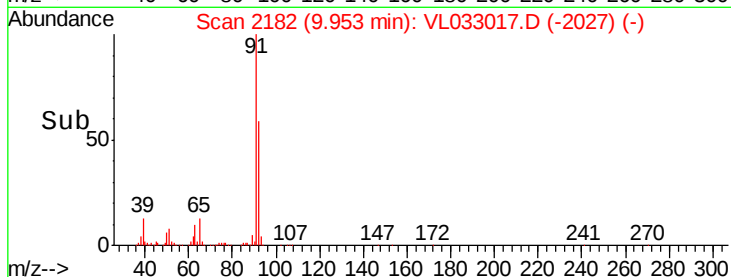
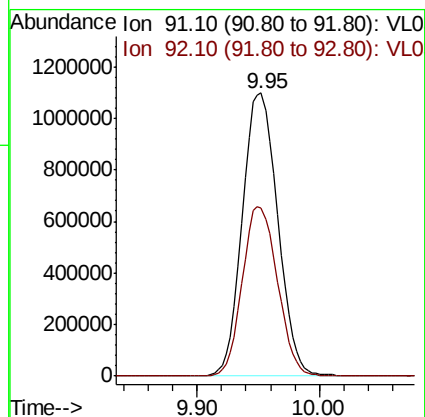
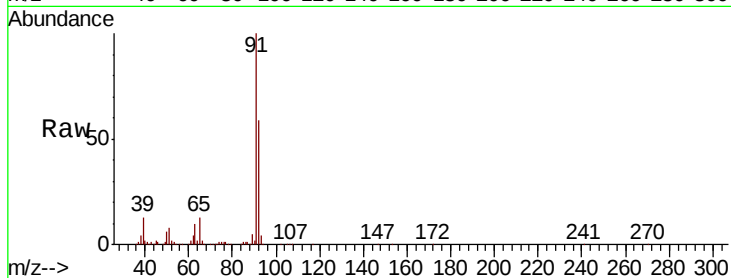
92 59.7 47.4 71.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2895

Delta R.T. -0.01 min

Lab File: VL033017.D

Acq: 18 Dec 2018 5:05

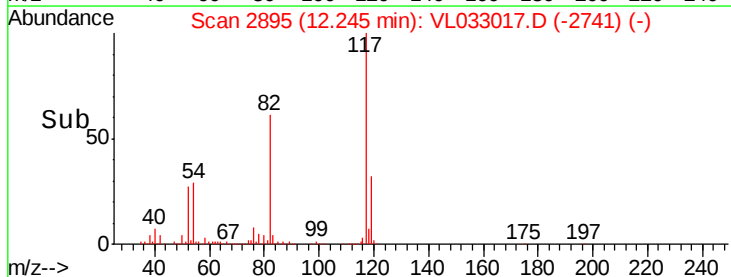
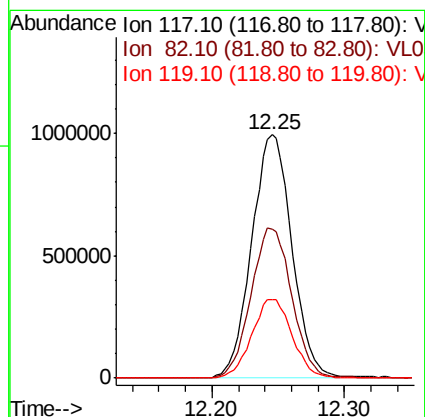
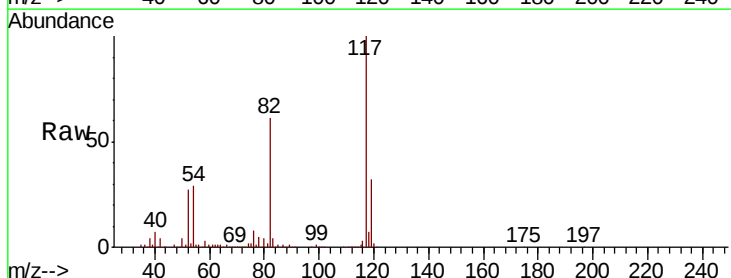
Tgt Ion: 117 Resp: 2106452

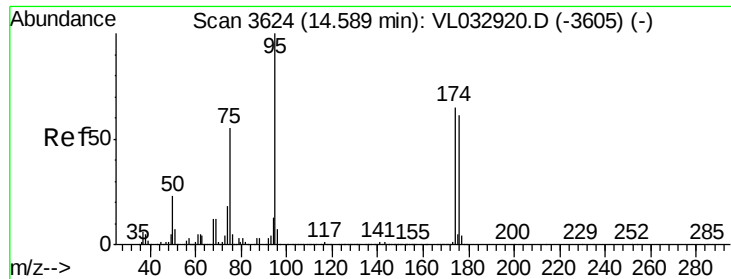
Ion Ratio Lower Upper

117 100

82 62.9 47.8 71.8

119 32.6 43.1 64.7#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 14.660 ppbv
 RT: 14.58 min Scan# 3622
 Delta R.T. -0.01 min
 Lab File: VL033017.D
 Acq: 18 Dec 2018 5:05

Instrument :
 MSVOA_L
 ClientSampleId :
 YT-CBA-LTM5-04DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	66.1	51.4	77.0
175	4.8	3.8	5.6

Manual Integrations
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