Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091819\
Data File : VL034187.D
Acq On : 18 Sep 2019 17:48
Operator : SY/AP
Sample : QC CAN 10281
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 19 06:59:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 1
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : QC CAN 10281

Manual Integrations APPROVED
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9/20/2019 12:37:17 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1200240	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1968173	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	1980151	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.50	95	1776006	10.32	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.20%			
Target Compounds						Qvalue
13) Ethanol	3.62	45	7220m	0.429	ppbv	
15) Acetone	3.86	43	47429m	0.295	ppbv	
20) Methylene Chloride	4.35	84	28131	0.607	ppbv	# 85
26) Hexane	5.72	57	18977m	0.150	ppbv	

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

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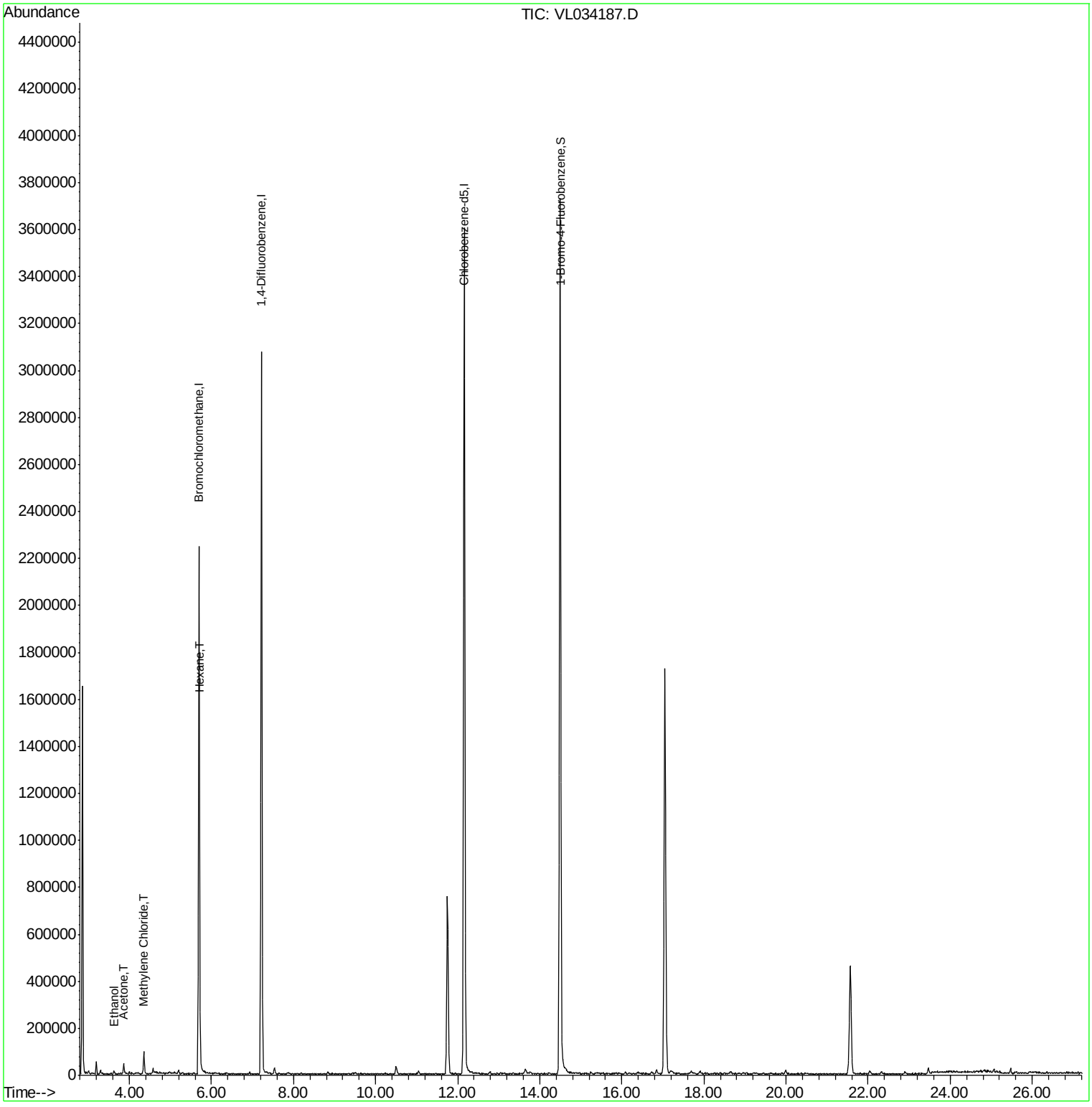
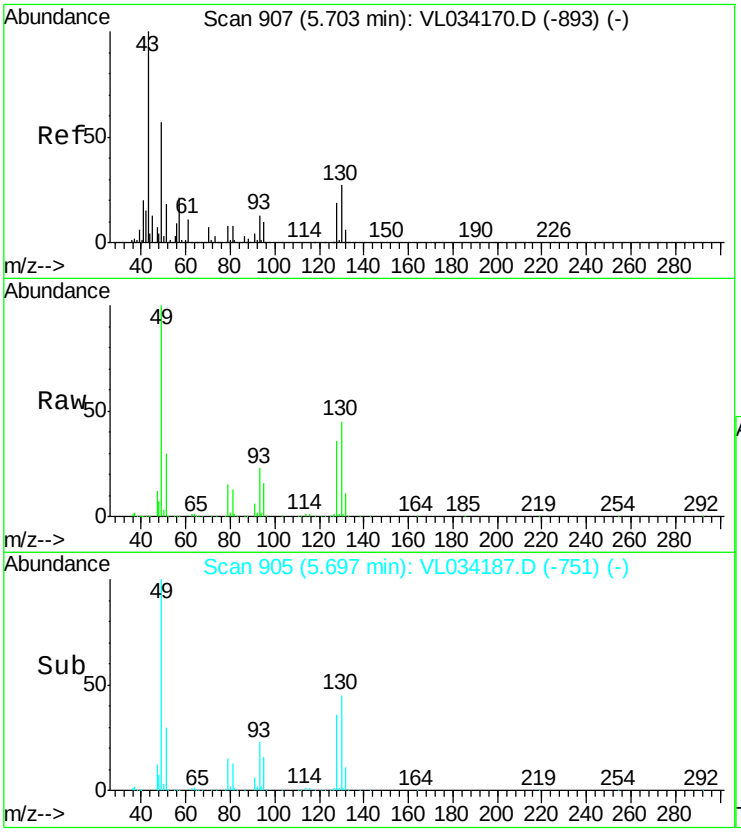
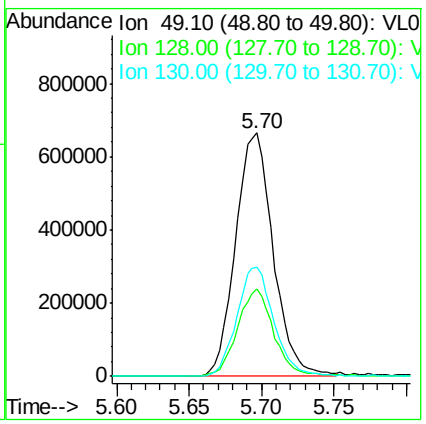




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL034187.D
Acq: 18 Sep 2019 17:48

Tgt Ion: 49 Resp: 1200240

Ion	Ratio	Lower	Upper
49	100		
128	34.8	17.6	52.9
130	44.5	22.3	66.9



Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10281

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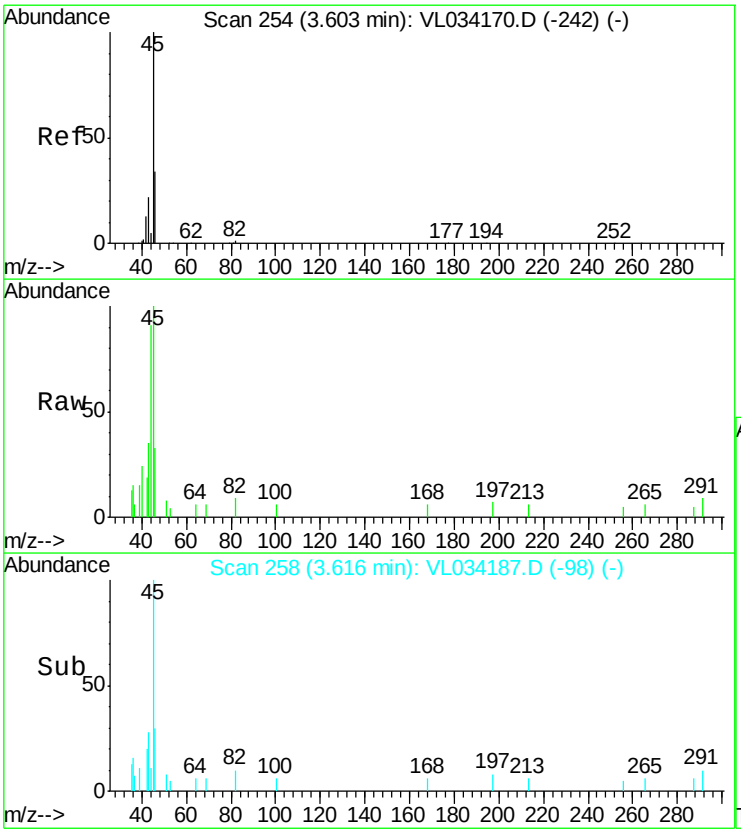
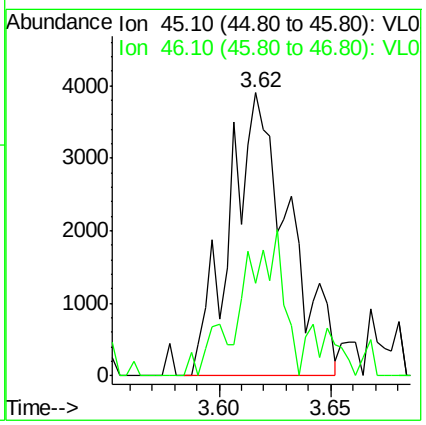
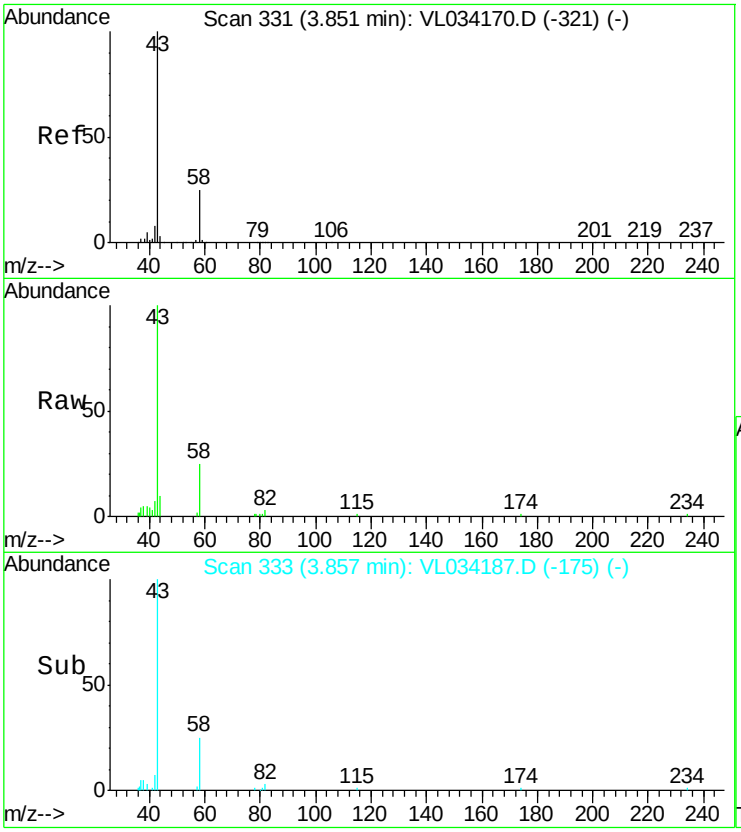


#13
Ethanol
Concen: 0.429 ppbv m
RT: 3.62 min Scan# 258
Delta R.T. 0.01 min
Lab File: VL034187.D
Acq: 18 Sep 2019 17:48

Tgt Ion: 45 Resp: 7220

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.5	61.9#





#15
Acetone
Concen: 0.295 ppbv m
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL034187.D
Acq: 18 Sep 2019 17:48

Tgt Ion: 43 Resp: 47429

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.5	30.7#

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10281

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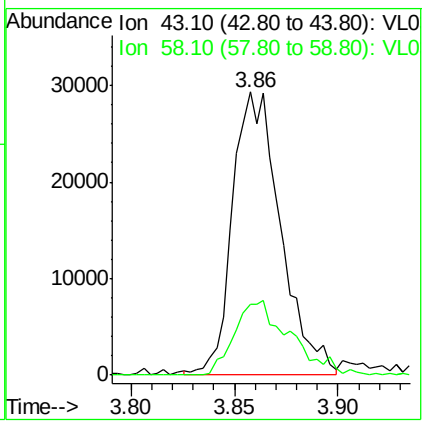
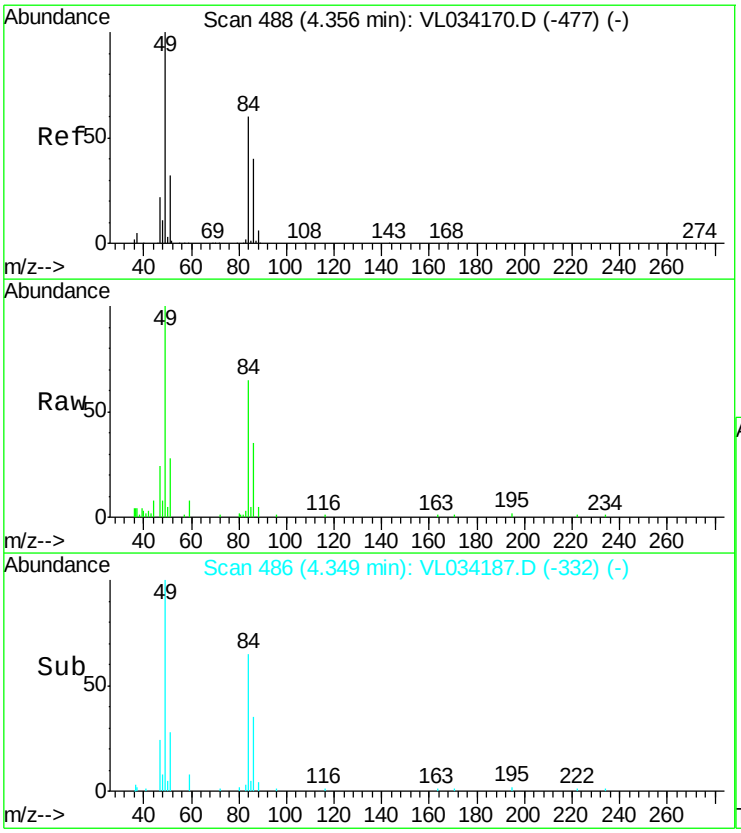
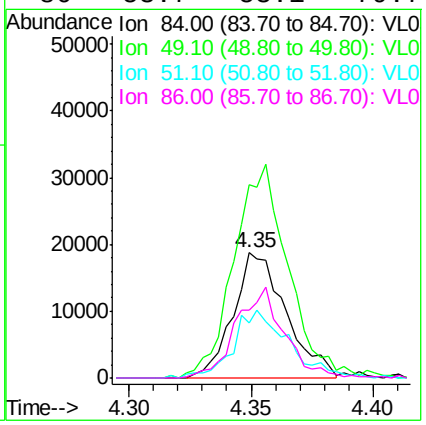


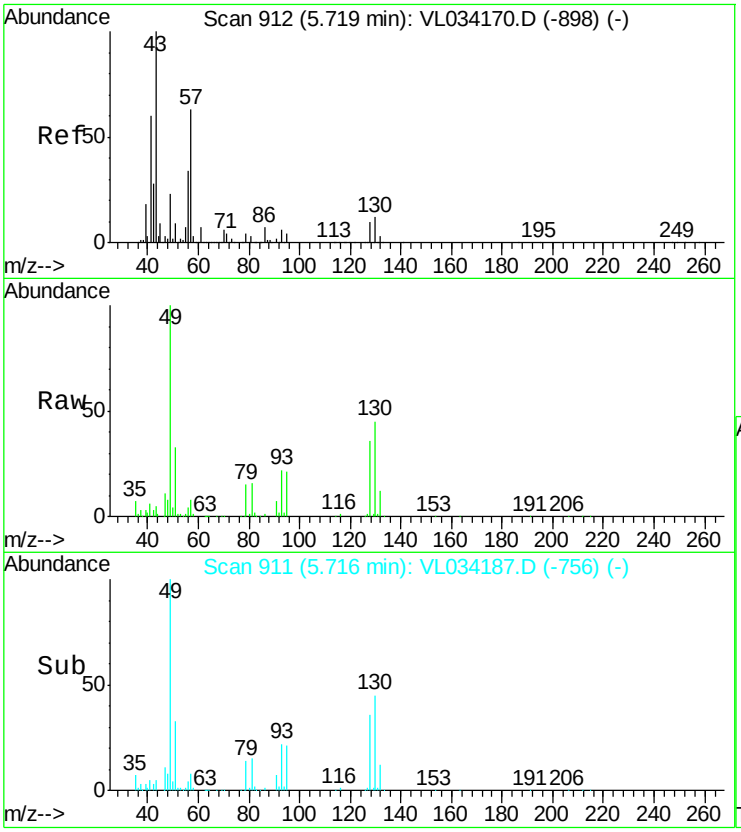


#20
Methylene Chloride
Concen: 0.607 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL034187.D
Acq: 18 Sep 2019 17:48

Tgt Ion: 84 Resp: 28131

Ion	Ratio	Lower	Upper
84	100		
49	150.4	133.8	200.8
51	40.3	43.6	65.4#
86	53.7	53.1	79.7

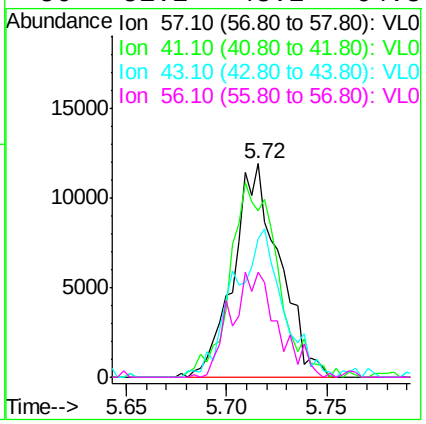




#26
Hexane
Concen: 0.150 ppbv m
RT: 5.72 min Scan# 911
Delta R.T. -0.00 min
Lab File: VL034187.D
Acq: 18 Sep 2019 17:48

Tgt Ion: 57 Resp: 18977

Ion	Ratio	Lower	Upper
57	100		
41	96.7	78.5	117.7
43	76.4	189.5	284.3#
56	51.2	43.2	64.8



Instrument :
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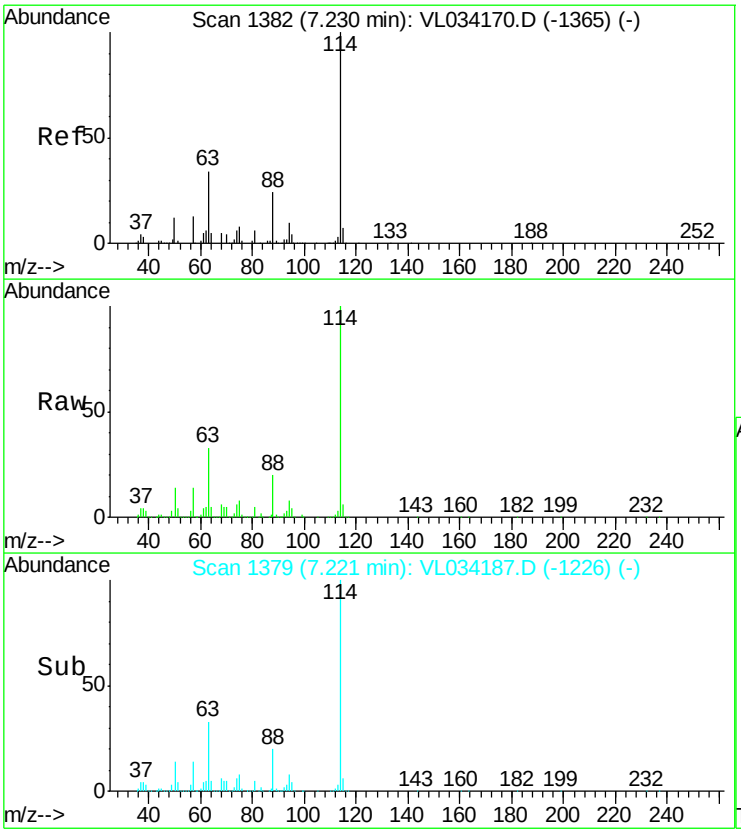
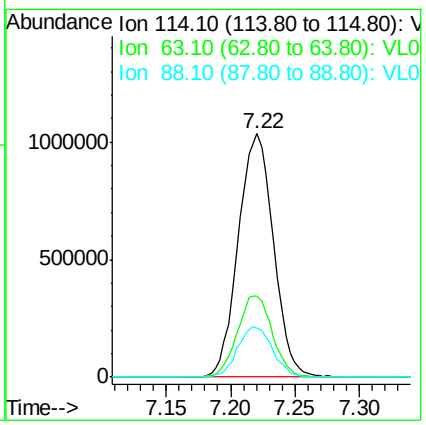
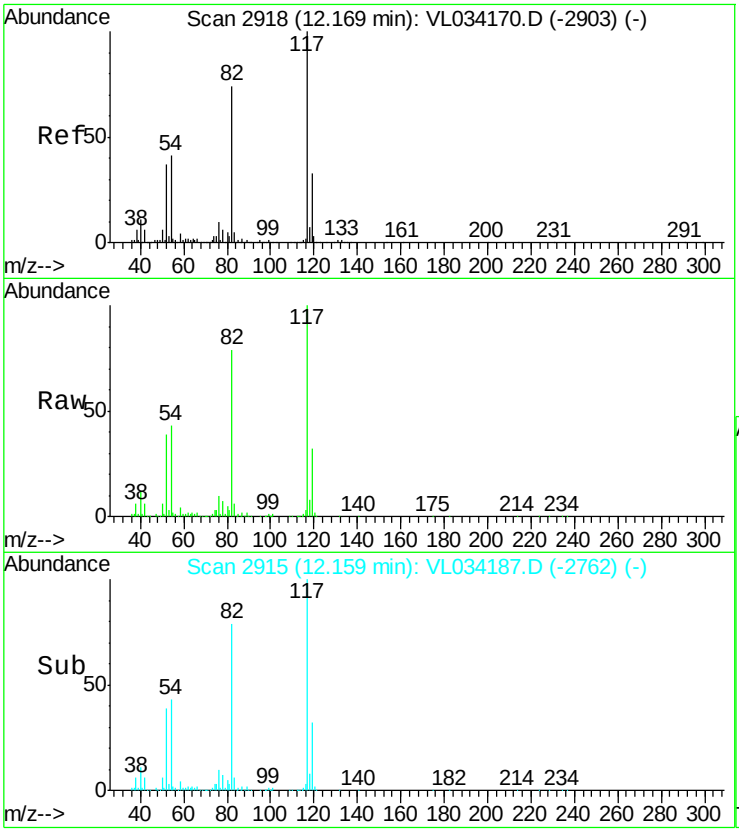


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VL034187.D
Acq: 18 Sep 2019 17:48

Tgt Ion:114 Resp: 1968173

Ion	Ratio	Lower	Upper
114	100		
63	33.3	27.8	41.6
88	20.6	17.1	25.7

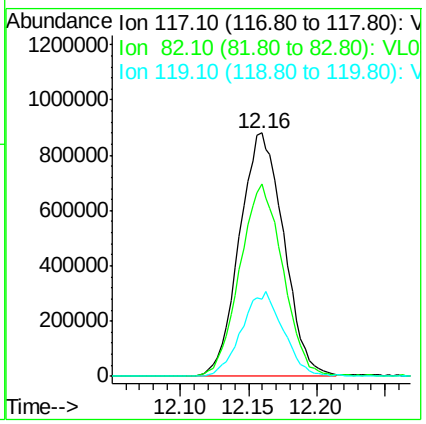




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. -0.01 min
Lab File: VL034187.D
Acq: 18 Sep 2019 17:48

Tgt Ion:117 Resp: 1980151

Ion	Ratio	Lower	Upper
117	100		
82	77.2	58.2	87.4
119	33.1	23.7	35.5



Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10281

Manual Integrations APPROVED
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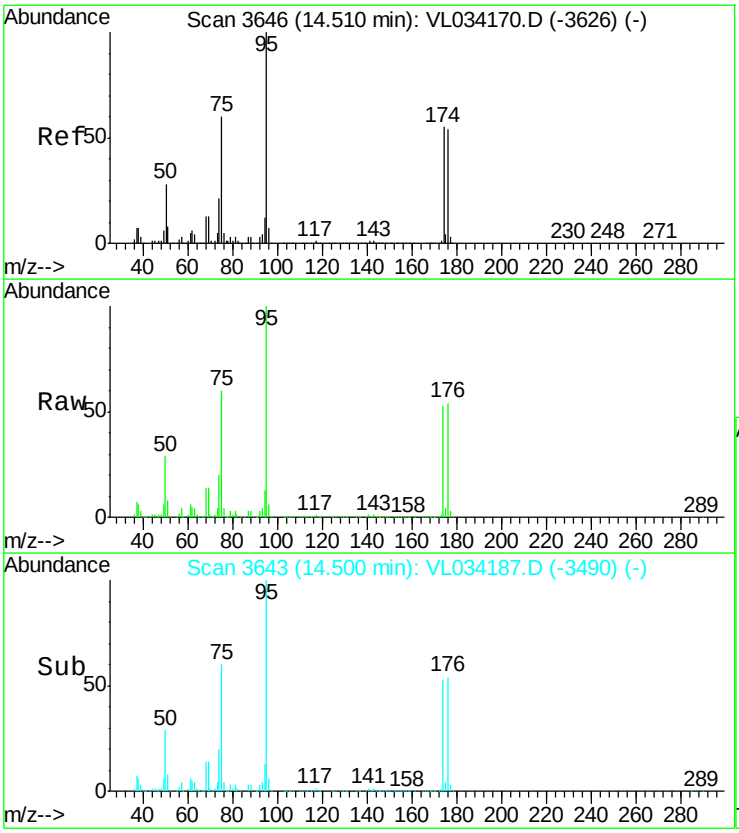
9/20/2019 12:37:17 AM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.322 ppbv
RT: 14.50 min Scan# 3643
Delta R.T. -0.01 min
Lab File: VL034187.D
Acq: 18 Sep 2019 17:48

Tgt Ion: 95 Resp: 1776006

Ion	Ratio	Lower	Upper
95	100		
174	56.4	45.1	67.7
175	4.1	3.3	4.9