Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\
Data File : VL033289.D
Acq On : 12 Mar 2019 19:00
Operator : SY/AP
Sample : K1805-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ST-DUP-1DL

Manual Integrations APPROVED
MMDadoda
3/14/2019 5:06:13 AM

Quant Time: Mar 13 09:15:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 1
QLast Update : Wed Mar 13 07:17:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	818891	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1855537	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1851095	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1502766	10.51	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.10%			
Target Compounds						Qvalue
15) Acetone	3.91	43	59096m	0.470	ppbv	
20) Methylene Chloride	4.41	84	12750	0.305	ppbv	# 85

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

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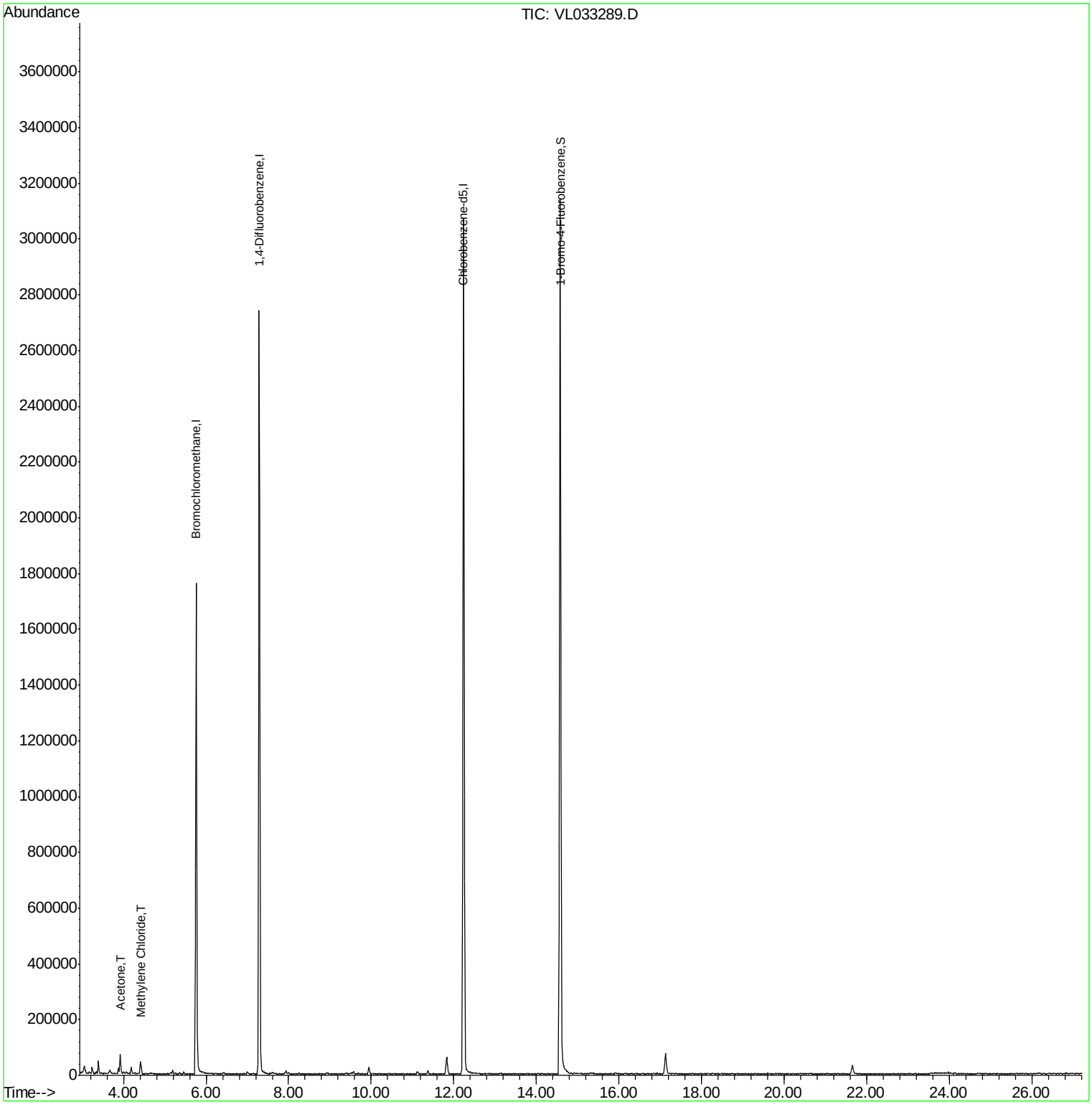
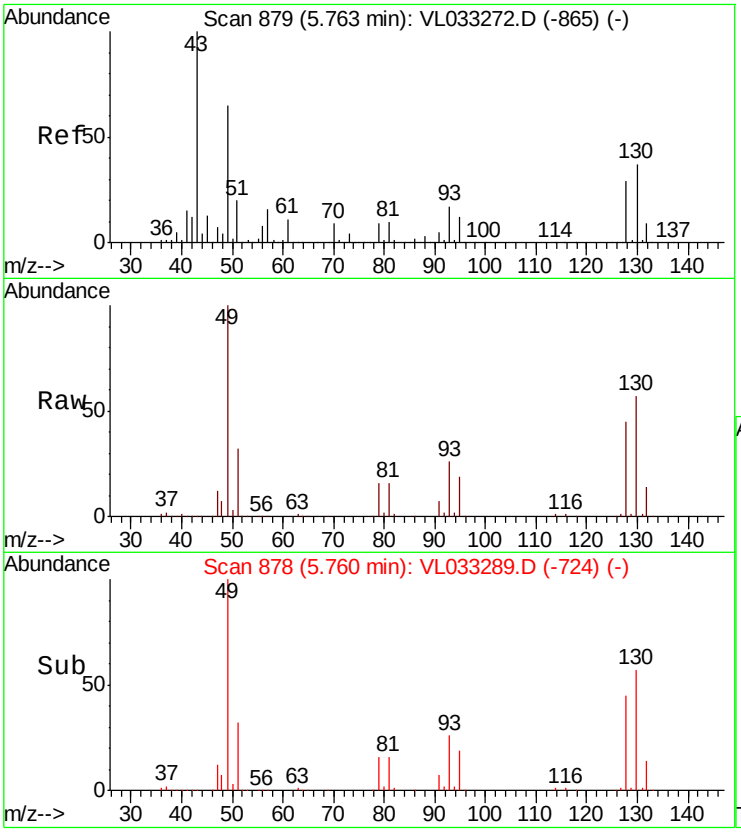
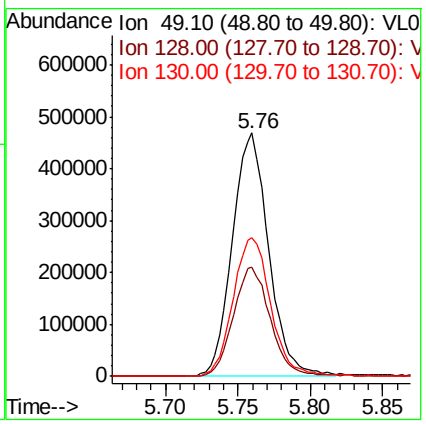




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033289.D
Acq: 12 Mar 2019 19:00

Tgt Ion: 49 Resp: 818891

Ion	Ratio	Lower	Upper
49	100		
128	45.9	23.3	69.9
130	59.5	30.0	90.1



Instrument :
MSVOA_L
ClientSampleId :
ST-DUP-1DL

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MMDadoda
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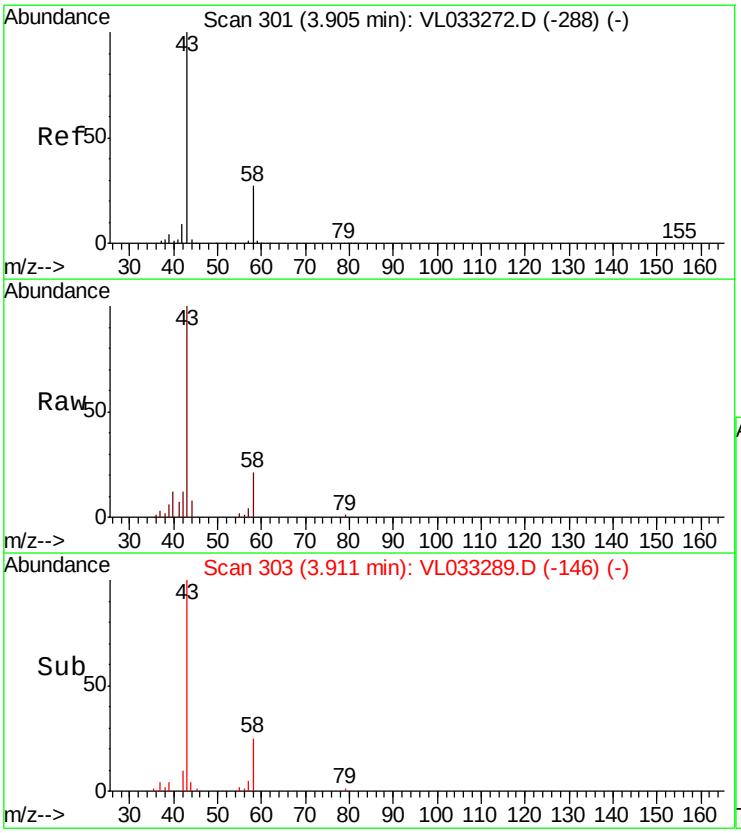
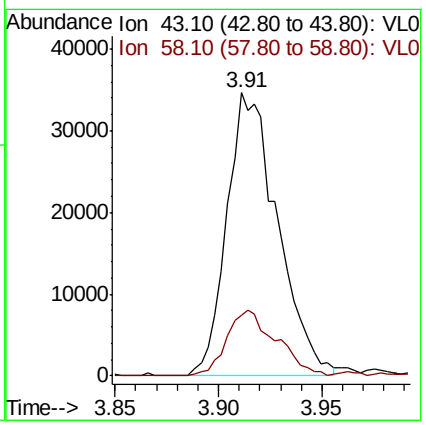
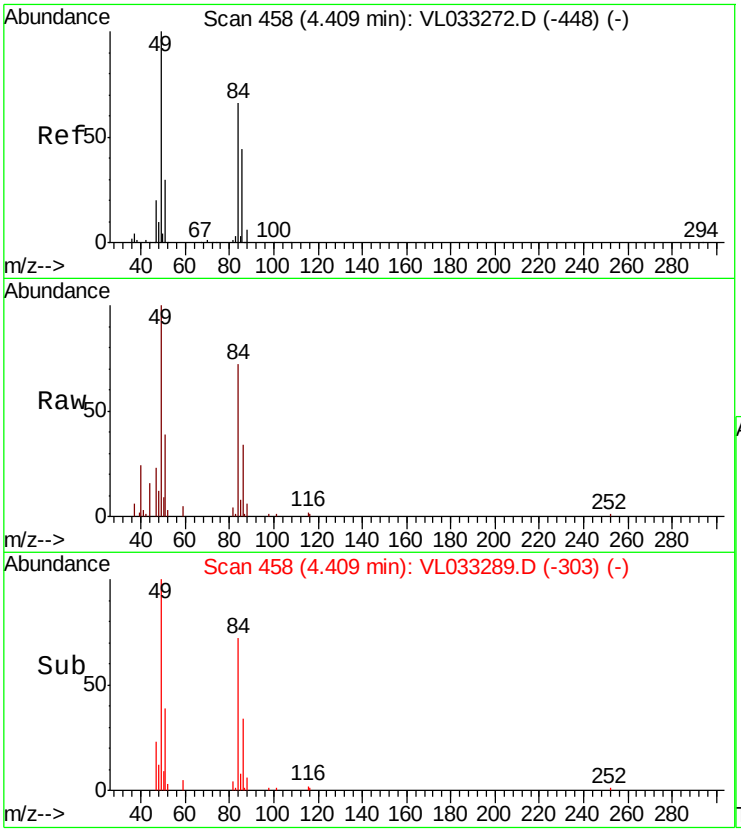


#15
Acetone
Concen: 0.470 ppbv m
RT: 3.91 min Scan# 303
Delta R.T. 0.01 min
Lab File: VL033289.D
Acq: 12 Mar 2019 19:00

Tgt Ion: 43 Resp: 59096

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.1	31.7#

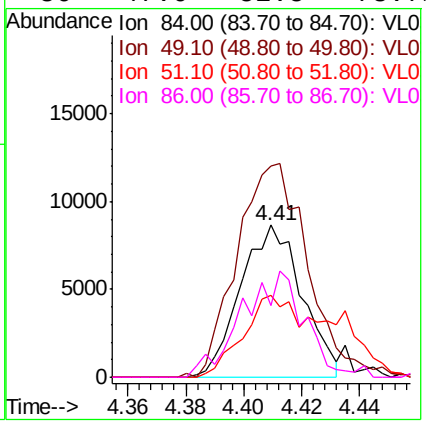




#20
Methylene Chloride
Concen: 0.305 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL033289.D
Acq: 12 Mar 2019 19:00

Tgt Ion: 84 Resp: 12750

Ion	Ratio	Lower	Upper
84	100		
49	136.3	120.3	180.5
51	53.9	36.2	54.4
86	47.0	52.5	78.7#



Instrument :
MSVOA_L
ClientSampleId :
ST-DUP-1DL

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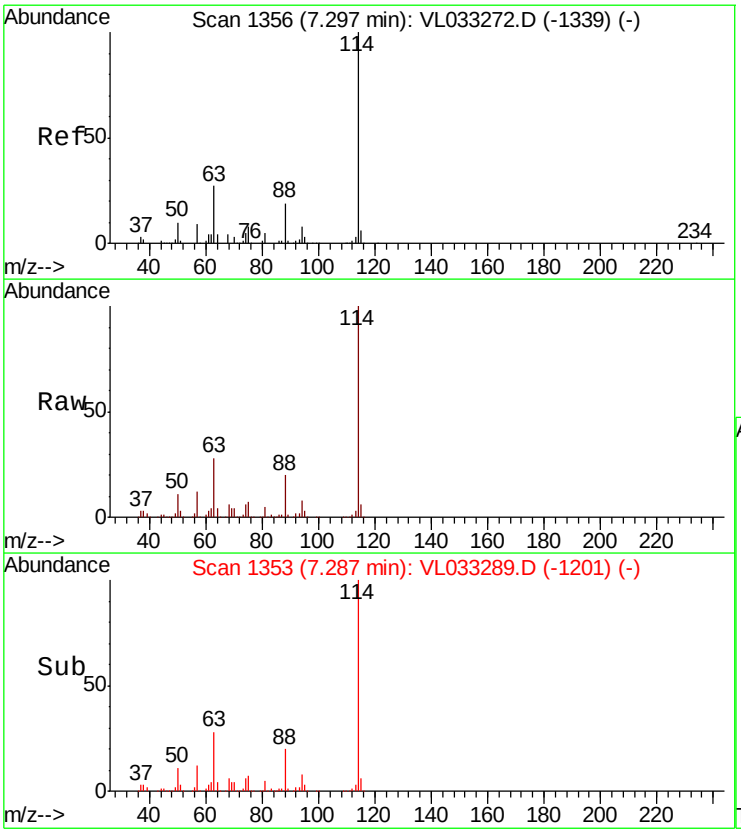
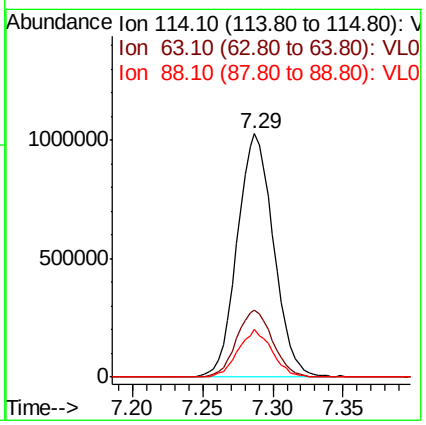
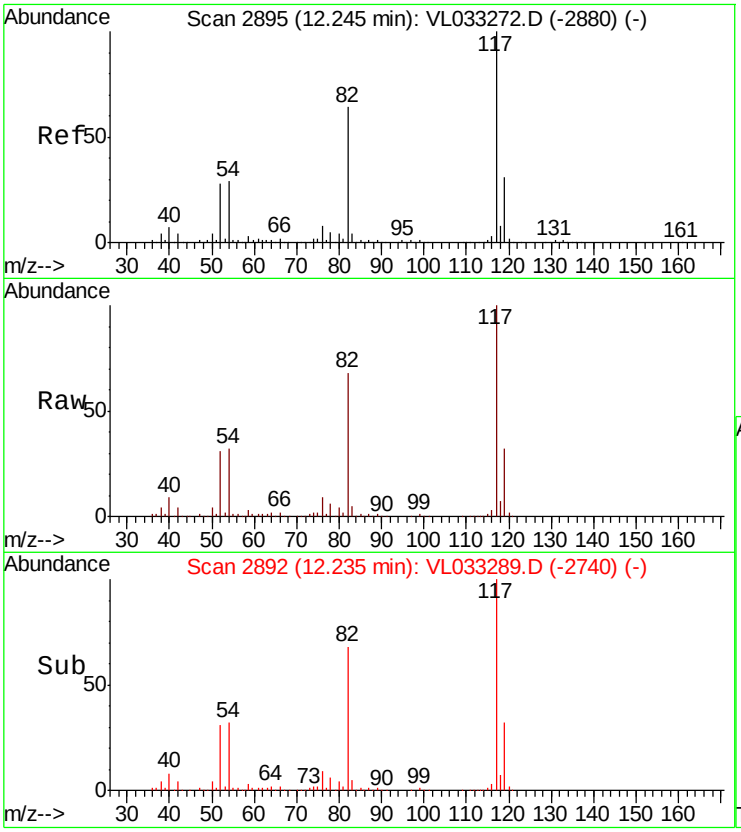


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033289.D
Acq: 12 Mar 2019 19:00

Tgt Ion:114 Resp: 1855537

Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.5	32.3
88	18.5	14.6	22.0

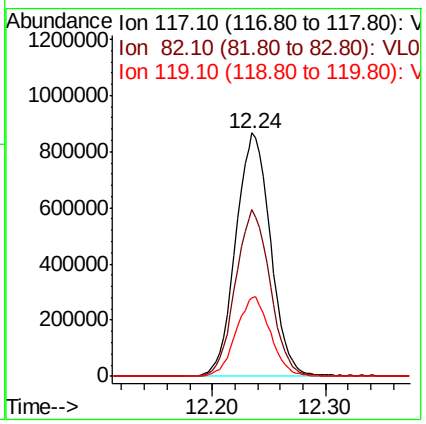




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033289.D
Acq: 12 Mar 2019 19:00

Tgt Ion:117 Resp: 1851095

Ion	Ratio	Lower	Upper
117	100		
82	68.7	51.1	76.7
119	32.4	43.6	65.4#



Instrument :
MSVOA_L
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ST-DUP-1DL

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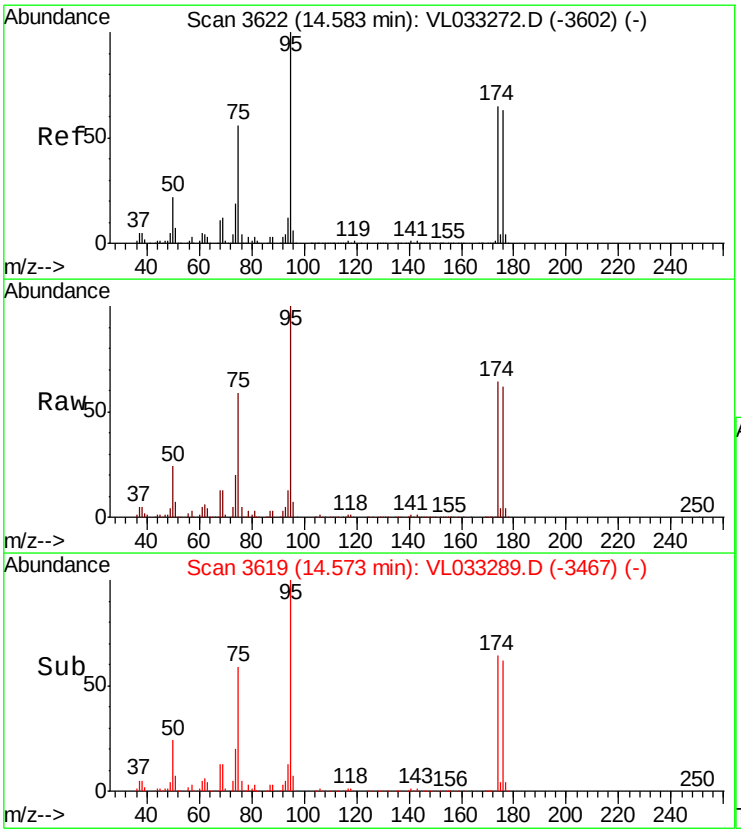

#68
1-Bromo-4-Fluorobenzene
Concen: 10.513 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033289.D
Acq: 12 Mar 2019 19:00

Tgt Ion: 95 Resp: 1502766

Ion	Ratio	Lower	Upper
95	100		
174	64.1	51.7	77.5
175	4.7	3.7	5.5