Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\
Data File : VL032501.D
Acq On : 11 Sep 2018 10:26
Operator : SY/AP
Sample : J4820-05DL2 100X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 07:23:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 3
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : 249-BERRYDL2

Manual Integrations APPROVED
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9/12/2018 3:59:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1356581	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.33	114	3129023	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.28	117	3151193	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.62	95	2456477	10.50	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.00%			
Target Compounds						Qvalue
9) Propene	3.06	41	117653	2.38	ppbv	92
13) Ethanol	3.69	45	17083m	1.11	ppbv	
15) Acetone	3.93	43	290819	2.38	ppbv #	72
29) Chloroform	5.89	83	36667	0.19	ppbv	84
34) 2-Butanone	5.36	43	2063994	9.93	ppbv	100
51) 2-Hexanone	10.33	43	161208m	0.80	ppbv	

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

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Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL2

Manual Integrations APPROVED
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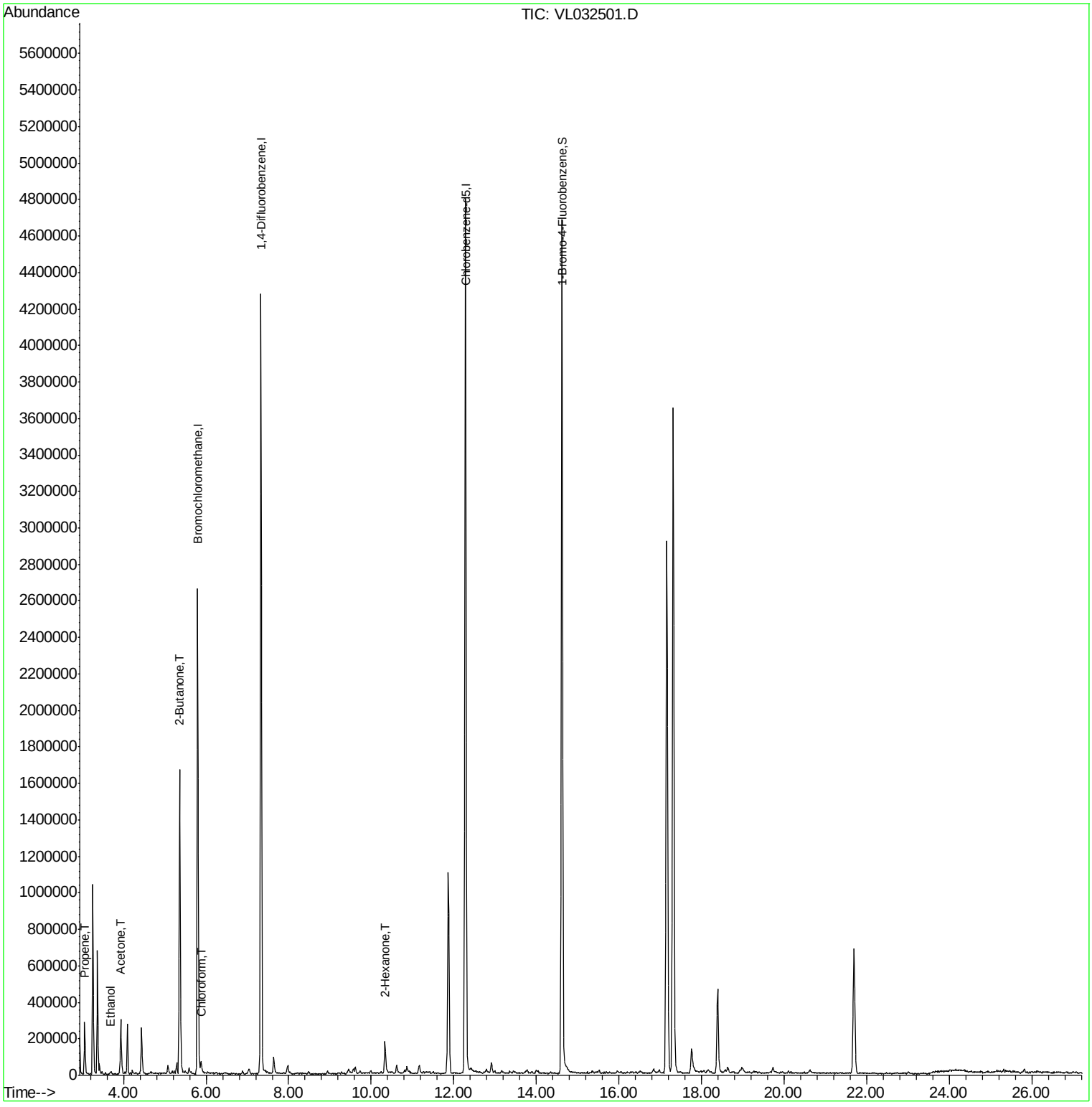
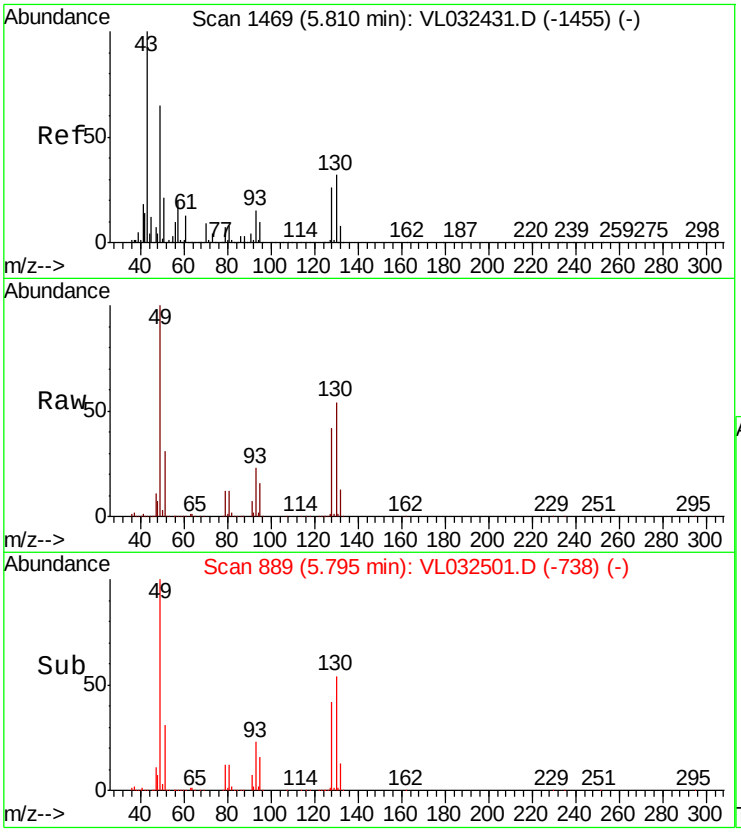
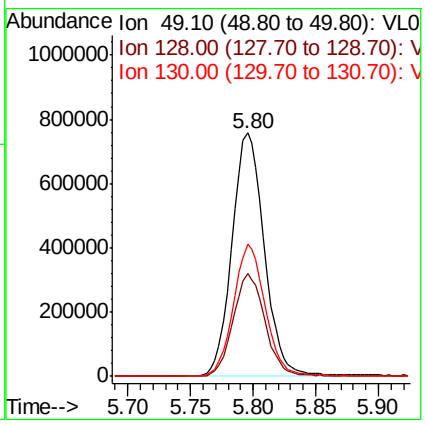




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.80 min Scan# 889
Delta R.T. -0.01 min
Lab File: VL032501.D
Acq: 11 Sep 2018 10:26

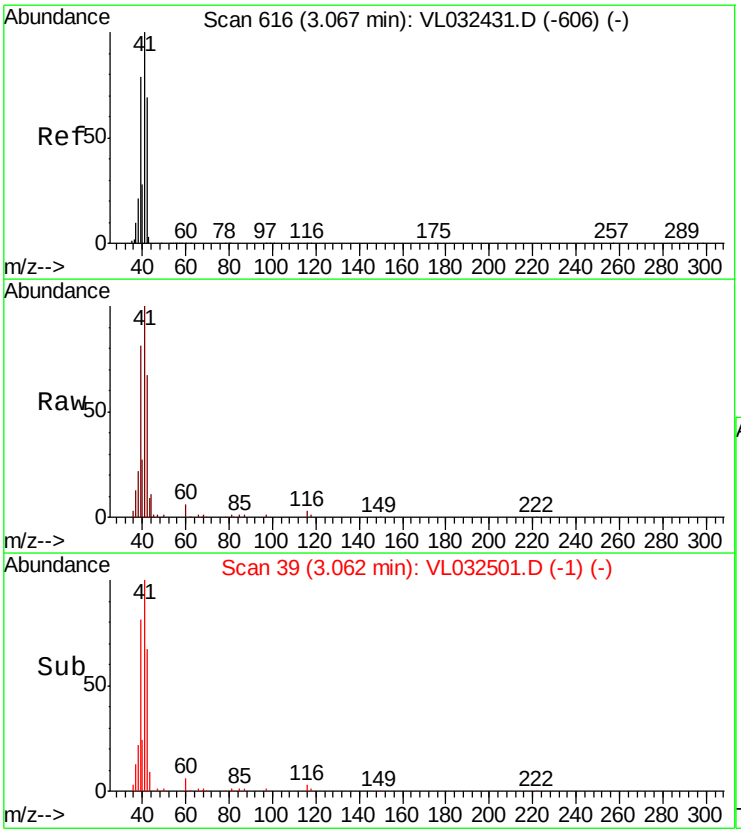
Tgt Ion: 49 Resp: 1356581

Ion	Ratio	Lower	Upper
49	100		
128	41.7	20.7	62.1
130	53.6	26.6	79.7



Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL2

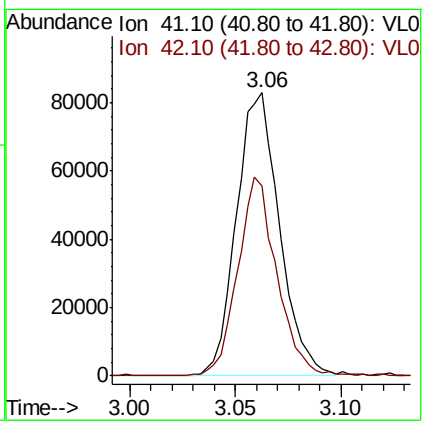
Manual Integrations APPROVED
MMDadoda
9/12/2018 3:59:52 PM

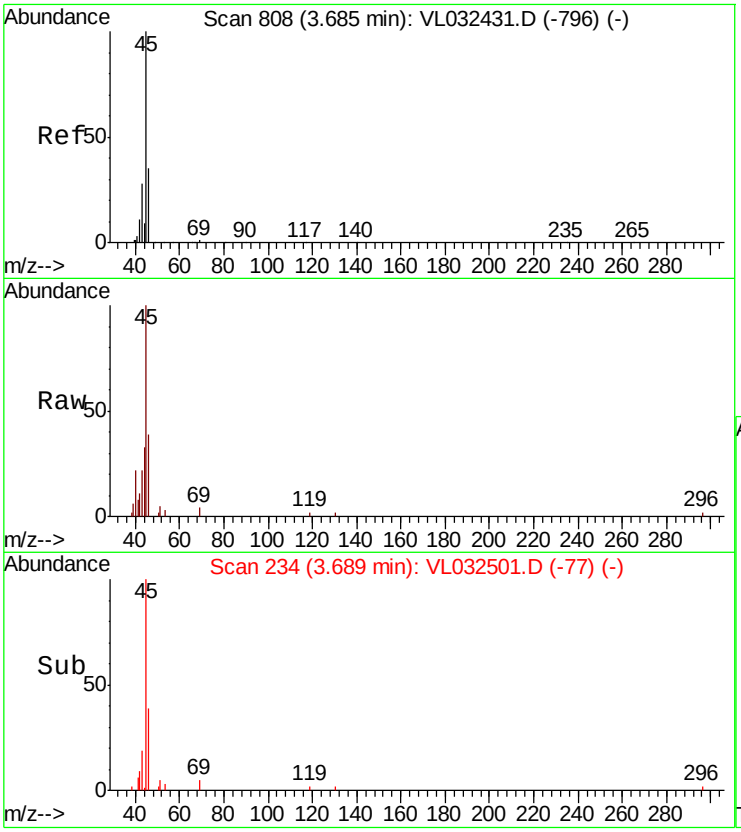


#9
Propene
Concen: 2.38 ppbv
RT: 3.06 min Scan# 39
Delta R.T. -0.01 min
Lab File: VL032501.D
Acq: 11 Sep 2018 10:26

Tgt Ion: 41 Resp: 117653

Ion	Ratio	Lower	Upper
41	100		
42	64.1	56.6	84.8

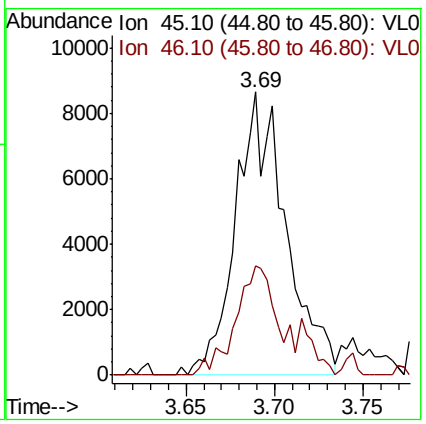




#13
Ethanol
Concen: 1.11 ppbv m
RT: 3.69 min Scan# 234
Delta R.T. 0.00 min
Lab File: VL032501.D
Acq: 11 Sep 2018 10:26

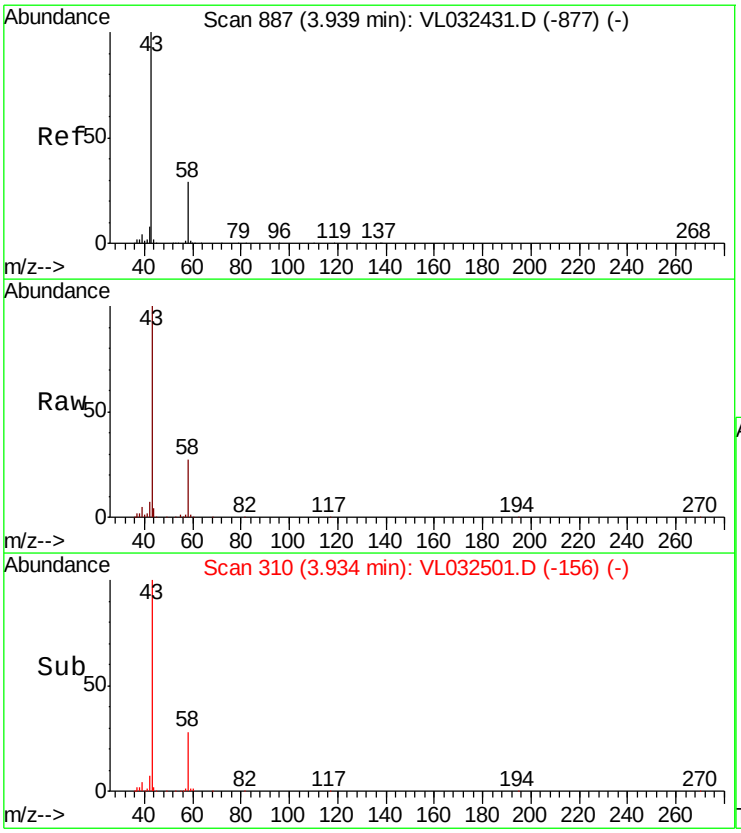
Tgt Ion: 45 Resp: 17083

Ion	Ratio	Lower	Upper
45	100		
46	39.5	14.2	56.8



Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL2

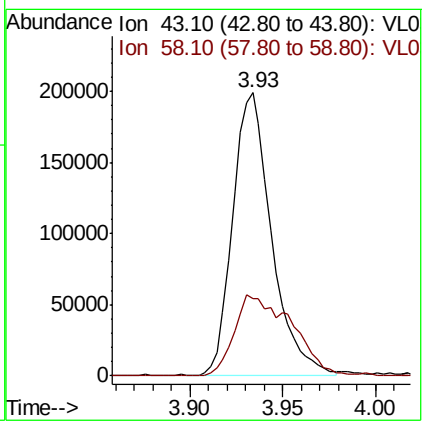
Manual Integrations APPROVED
MMDadoda
9/12/2018 3:59:52 PM

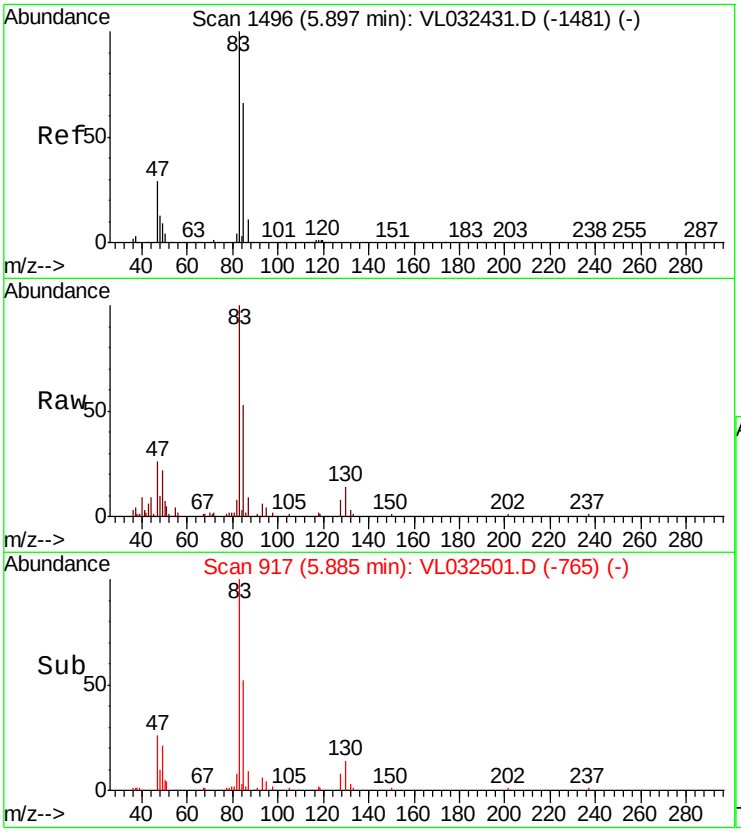


#15
Acetone
Concen: 2.38 ppbv
RT: 3.93 min Scan# 310
Delta R.T. -0.01 min
Lab File: VL032501.D
Acq: 11 Sep 2018 10:26

Tgt Ion: 43 Resp: 290819

Ion	Ratio	Lower	Upper
43	100		
58	43.1	22.6	33.8#

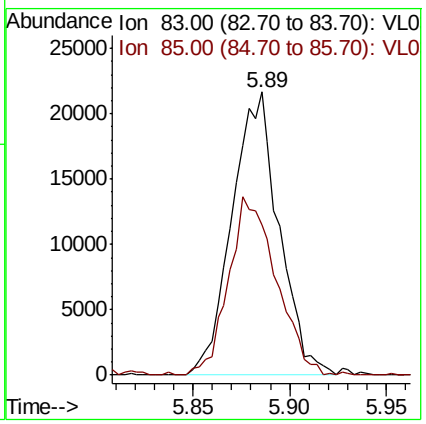




#29
Chloroform
Concen: 0.19 ppbv
RT: 5.89 min Scan# 917
Delta R.T. -0.01 min
Lab File: VL032501.D
Acq: 11 Sep 2018 10:26

Tgt Ion: 83 Resp: 36667

Ion	Ratio	Lower	Upper
83	100		
85	53.1	52.5	78.7



Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL2

Manual Integrations APPROVED
MMDadoda
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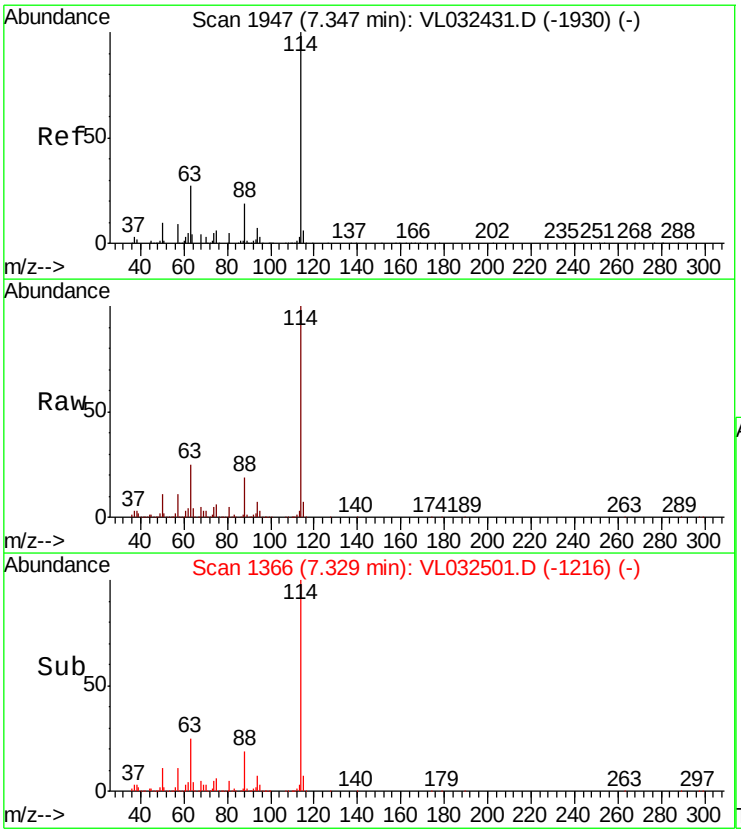
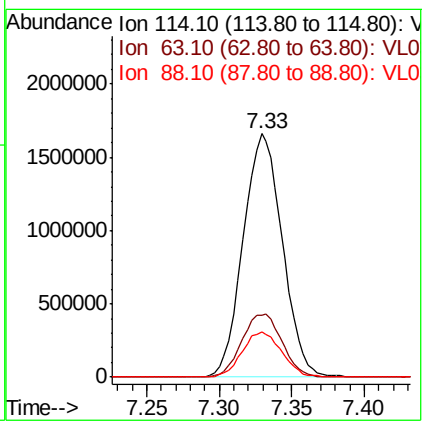
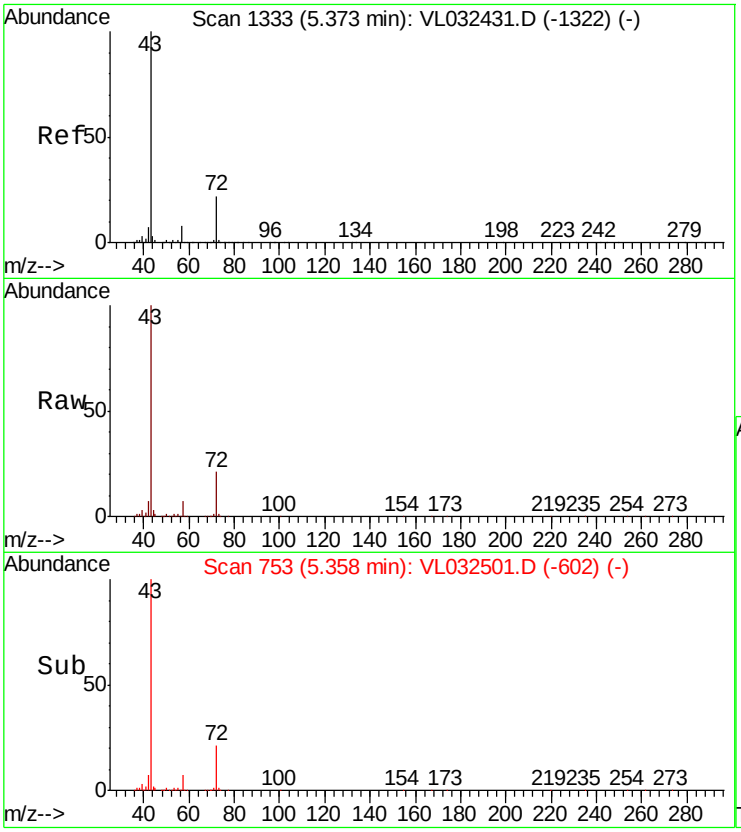


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.33 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VL032501.D
Acq: 11 Sep 2018 10:26

Tgt Ion:114 Resp: 3129023

Ion	Ratio	Lower	Upper
114	100		
63	26.7	22.2	33.4
88	18.8	15.0	22.4

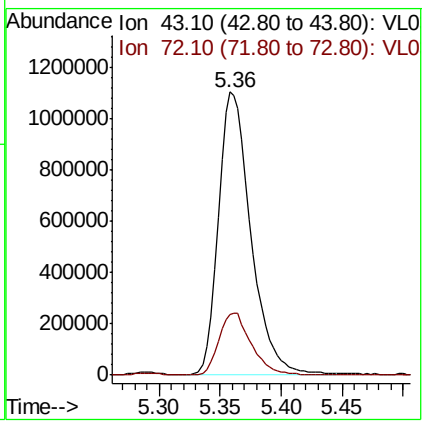




#34
2-Butanone
Concen: 9.93 ppbv
RT: 5.36 min Scan# 753
Delta R.T. -0.01 min
Lab File: VL032501.D
Acq: 11 Sep 2018 10:26

Tgt Ion: 43 Resp: 2063994

Ion	Ratio	Lower	Upper
43	100		
72	22.0	17.8	26.6



Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL2

Manual Integrations APPROVED
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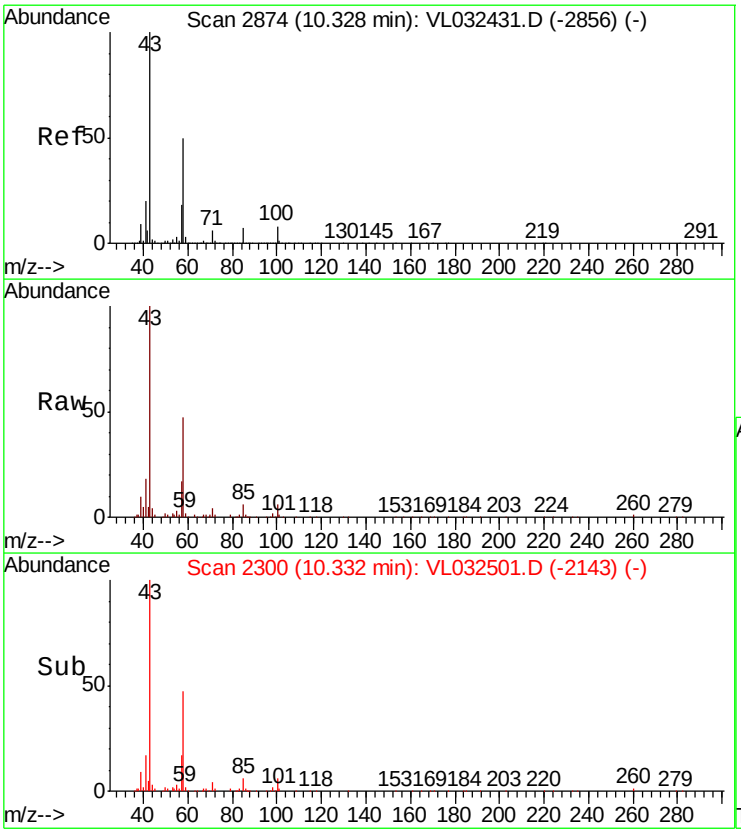
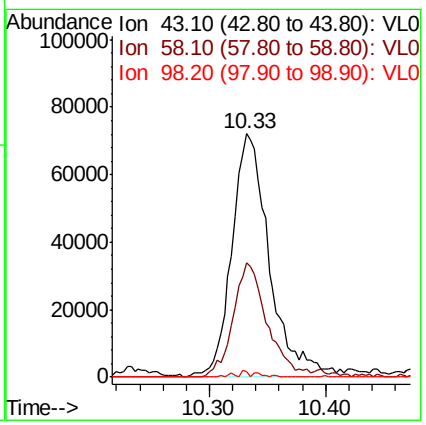
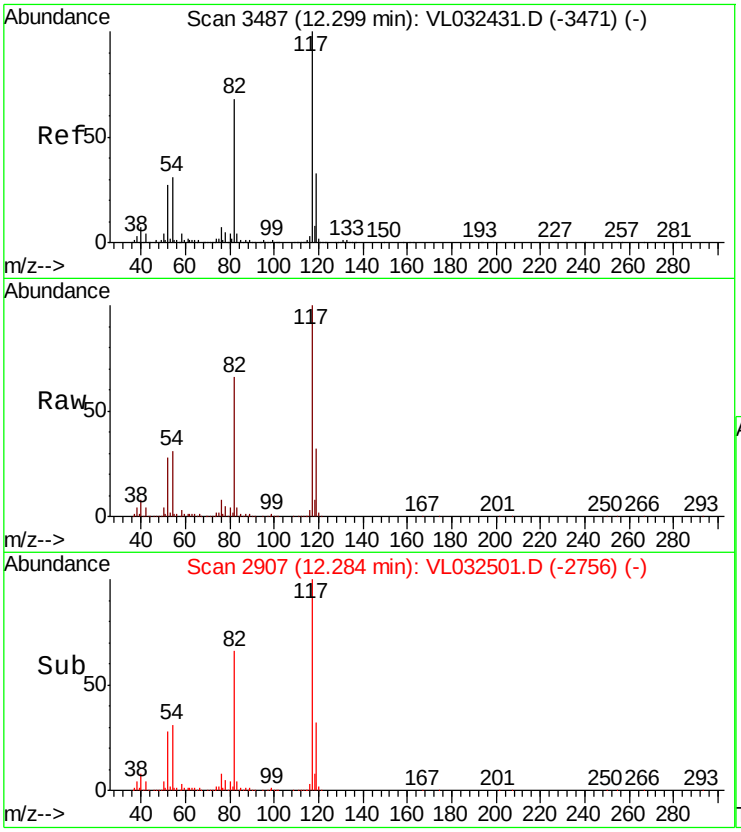


#51
2-Hexanone
Concen: 0.80 ppbv m
RT: 10.33 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VL032501.D
Acq: 11 Sep 2018 10:26

Tgt Ion: 43 Resp: 161208

Ion	Ratio	Lower	Upper
43	100		
58	44.6	39.2	58.8
98	0.6	0.4	0.6#





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL032501.D
Acq: 11 Sep 2018 10:26

Tgt Ion:117 Resp: 3151193

Ion	Ratio	Lower	Upper
117	100		
82	68.3	53.0	79.6
119	32.4	45.9	68.9#

Instrument :
MSVOA_L
ClientSampleId :
249-BERRYDL2

Manual Integrations APPROVED
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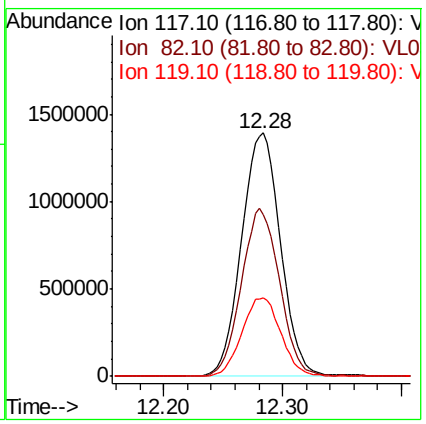
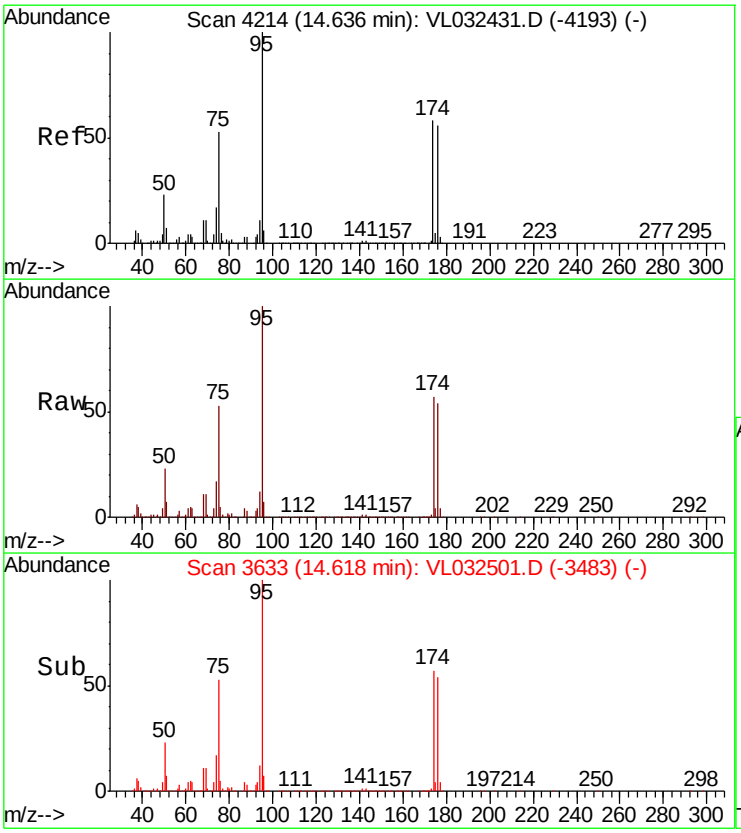
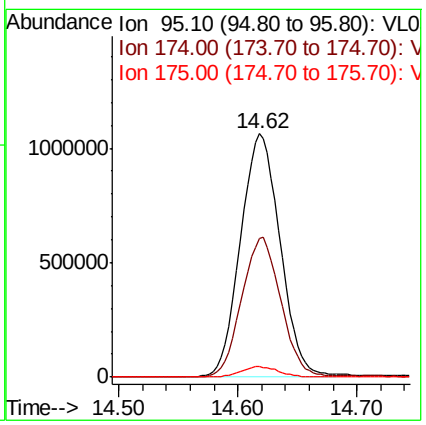
9/12/2018 3:59:52 PM





#68
1-Bromo-4-Fluorobenzene
Concen: 10.50 ppbv
RT: 14.62 min Scan# 3633
Delta R.T. -0.02 min
Lab File: VL032501.D
Acq: 11 Sep 2018 10:26

Tgt Ion: 95 Resp: 2456477

Ion	Ratio	Lower	Upper
95	100		
174	57.8	46.3	69.5
175	4.2	3.4	5.0