Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051821\
Data File : VL036968.D
Acq On : 18 May 2021 14:29
Operator : SY/AP
Sample : QC042221 CAN 10663
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC042221 CAN 10663

Manual Integrations APPROVED
MMDadoda
5/20/2021 5:55:16 PM

Quant Time: May 19 03:51:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 1
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1116095	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3246226	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3085912	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2344995	10.12	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.20%			
Target Compounds						Qvalue
9) Propene	3.01	41	7137m	0.097	ppbv	
13) Ethanol	3.63	45	12188m	1.248	ppbv	
15) Acetone	3.85	43	66769m	0.584	ppbv	
20) Methylene Chloride	4.33	84	304338	4.966	ppbv	98
26) Hexane	5.67	57	271720	1.936	ppbv #	46

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

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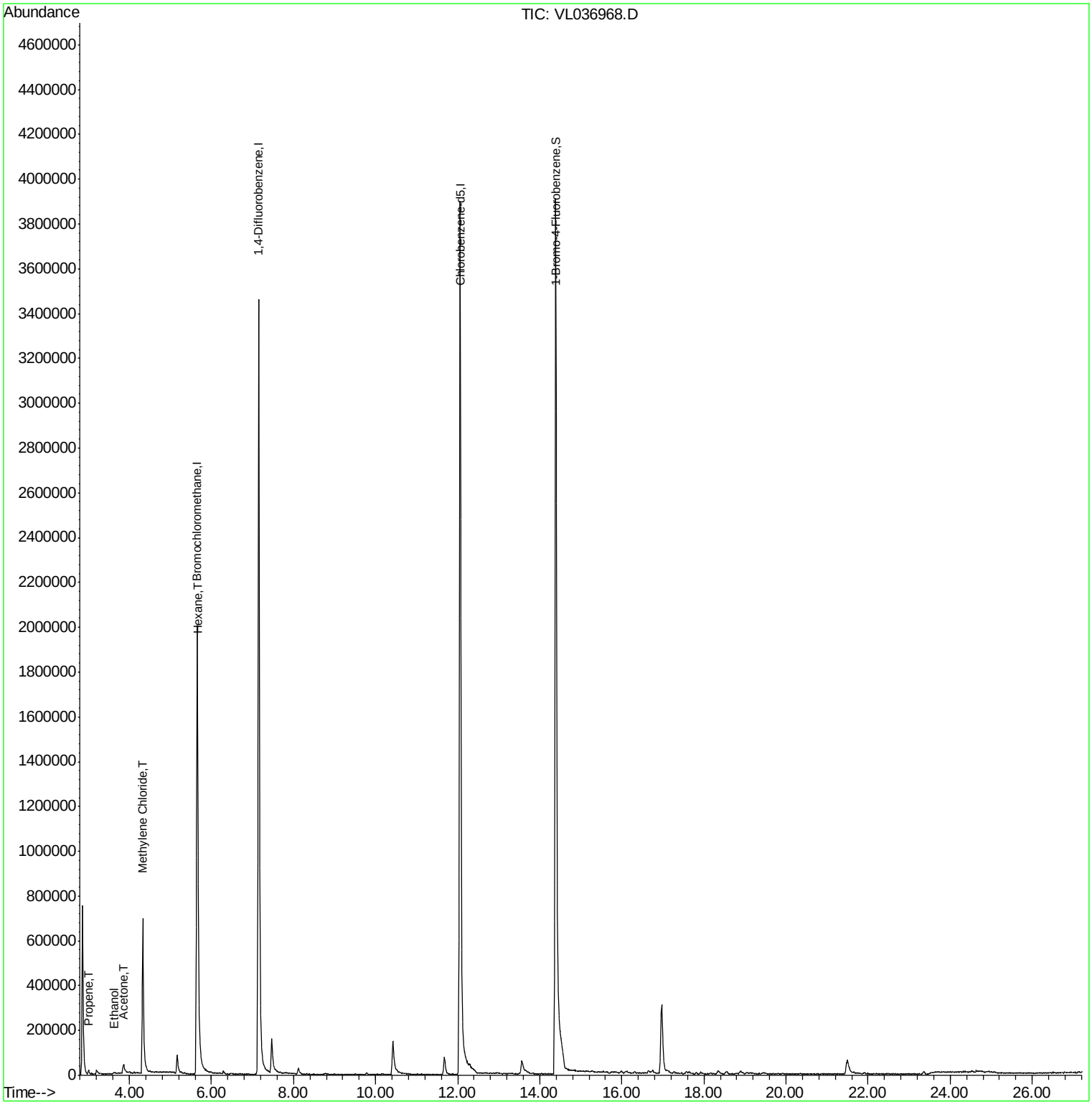
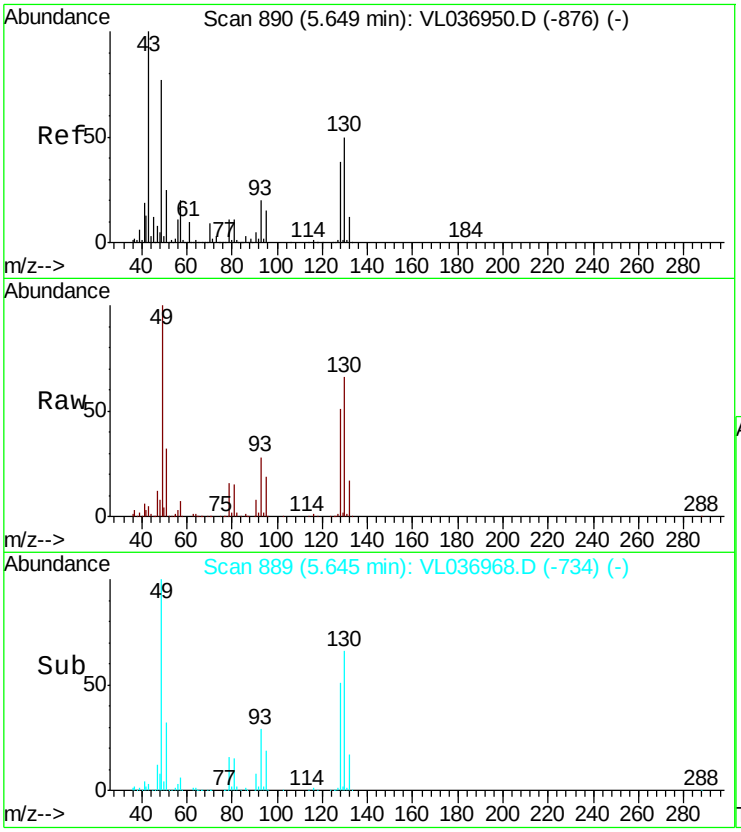
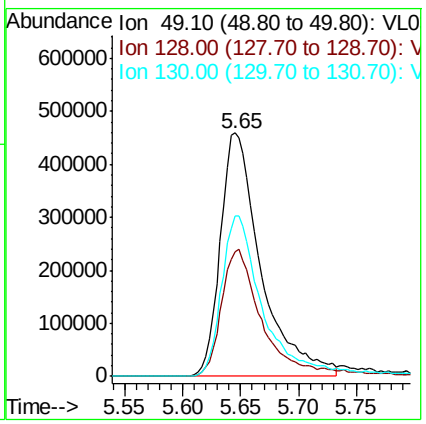




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.00 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion: 49 Resp: 1116095

Ion	Ratio	Lower	Upper
49	100		
128	54.3	26.9	80.7
130	69.7	33.8	101.4



Instrument :
MSVOA_L
ClientSampleId :
QC042221 CAN 10663

Manual Integrations APPROVED
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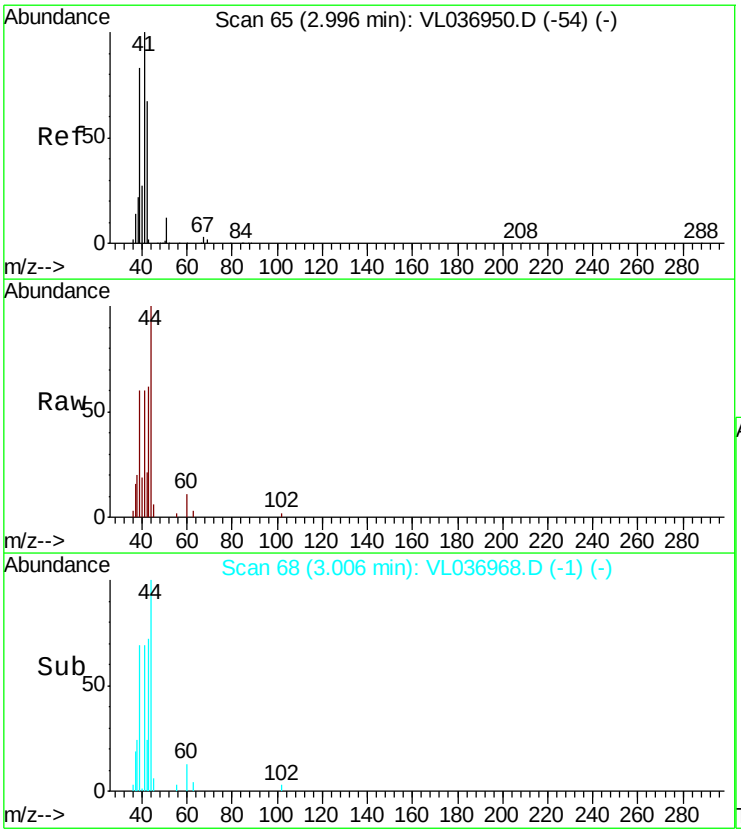
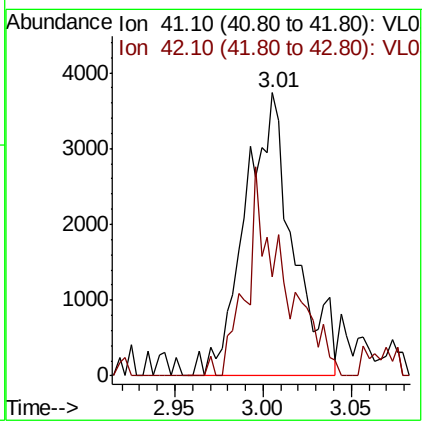
5/20/2021 5:55:16 PM

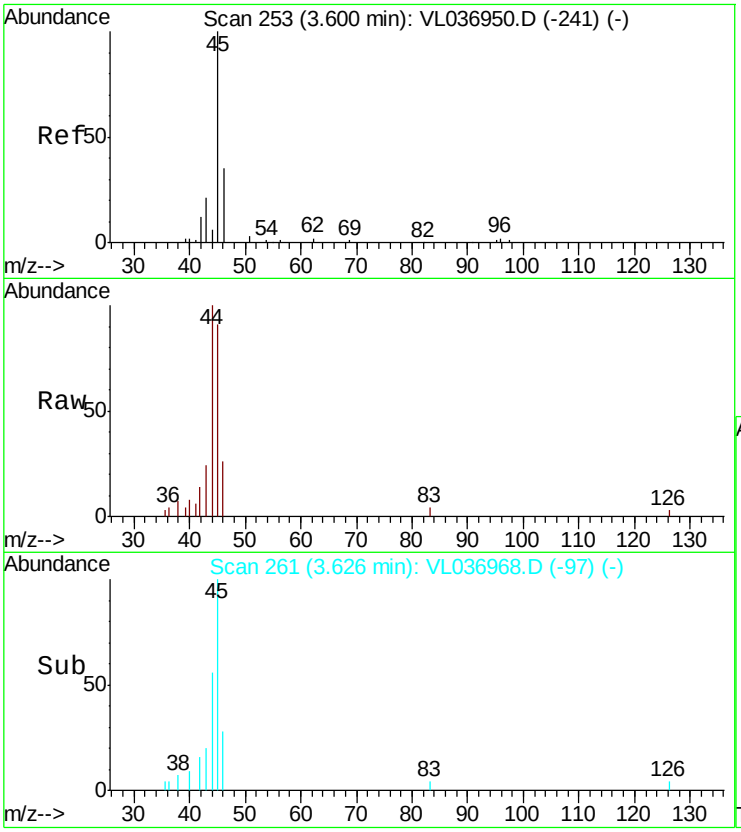


#9
Propene
Concen: 0.097 ppbv m
RT: 3.01 min Scan# 68
Delta R.T. 0.01 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion: 41 Resp: 7137

Ion	Ratio	Lower	Upper
41	100		
42	56.7	53.9	80.9

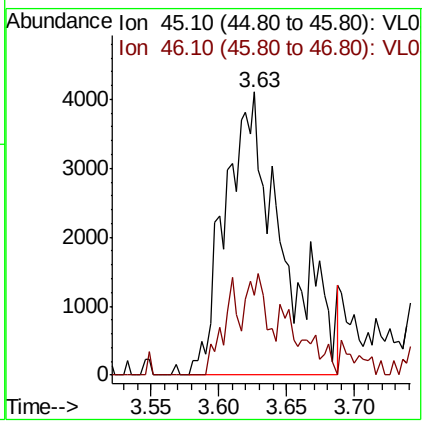




#13
Ethanol
Concen: 1.248 ppbv m
RT: 3.63 min Scan# 261
Delta R.T. 0.03 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion: 45 Resp: 12188

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.3	65.3#



Instrument :
MSVOA_L
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QC042221 CAN 10663

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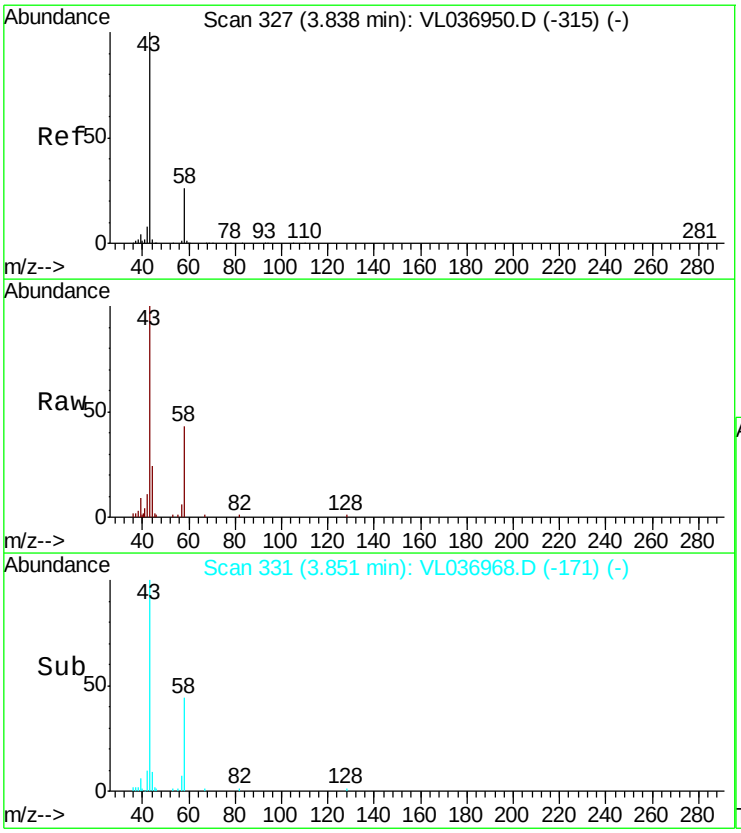
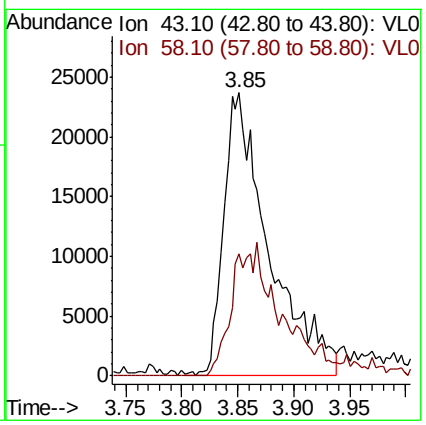
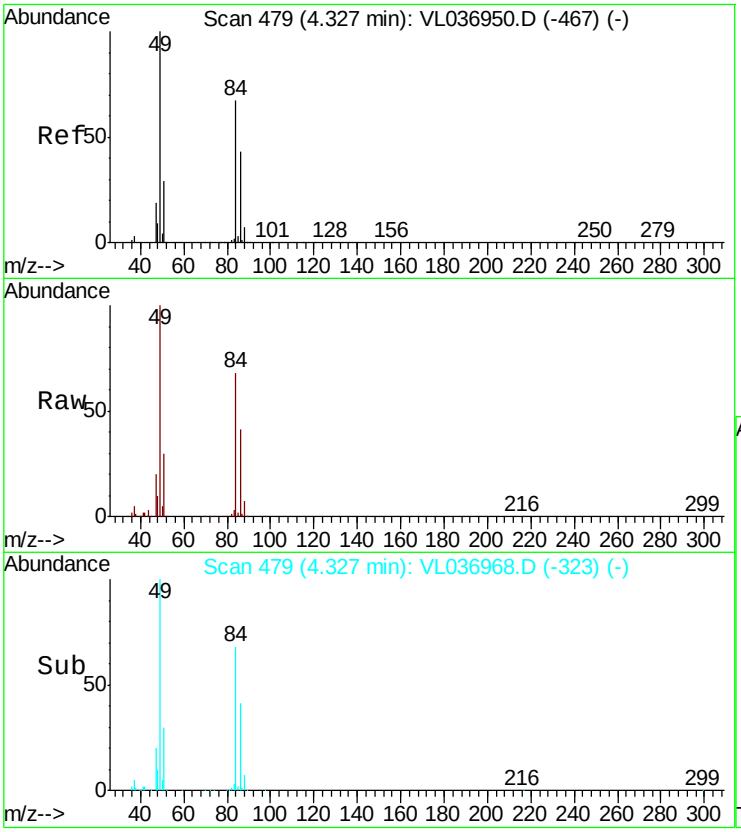


#15
Acetone
Concen: 0.584 ppbv m
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion: 43 Resp: 66769

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.0	36.0#

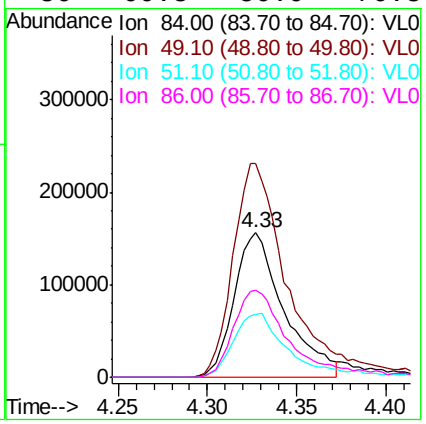




#20
Methylene Chloride
Concen: 4.966 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion: 84 Resp: 304338

Ion	Ratio	Lower	Upper
84	100		
49	147.8	119.8	179.6
51	43.7	35.1	52.7
86	60.3	50.9	76.3



Instrument :
MSVOA_L
ClientSampleId :
QC042221 CAN 10663

Manual Integrations APPROVED
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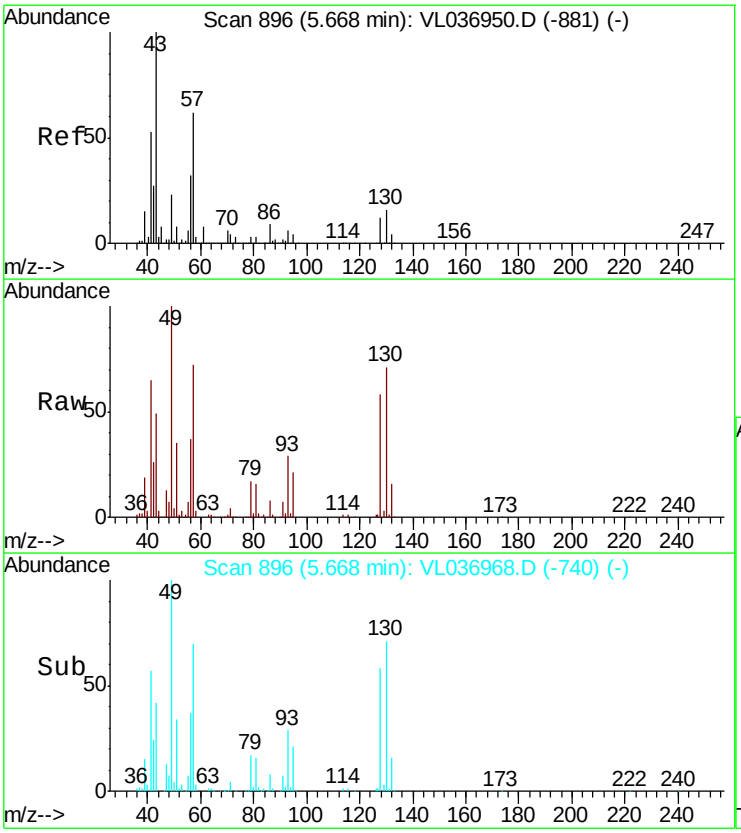
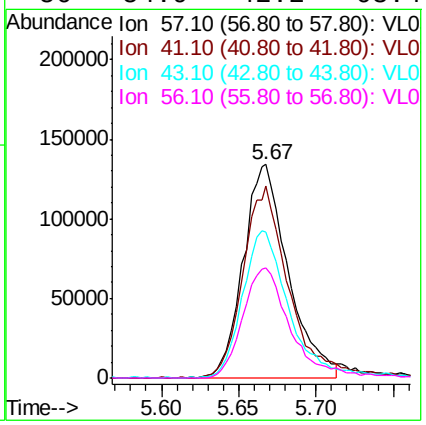
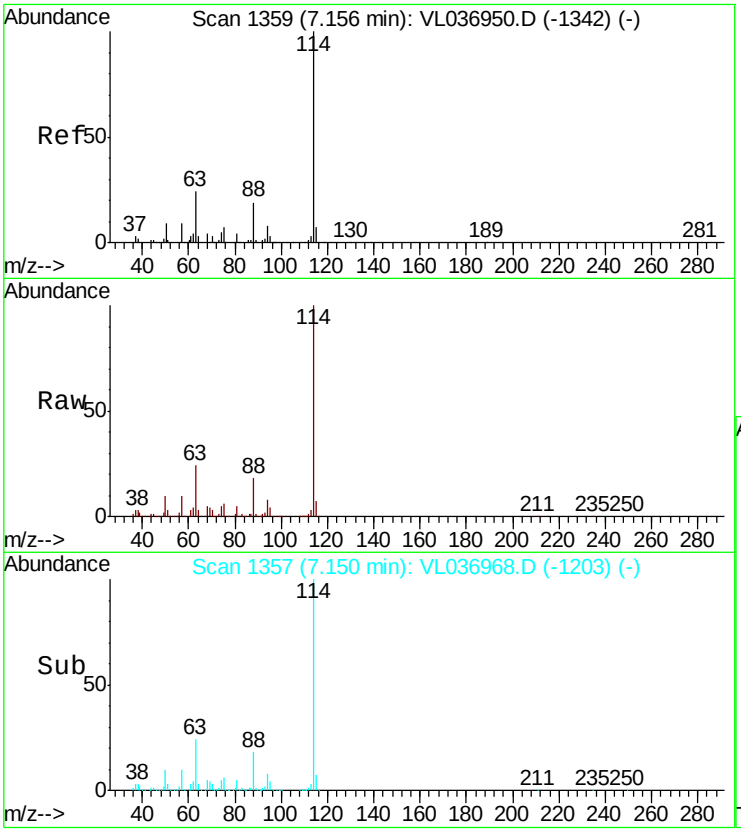


#26
Hexane
Concen: 1.936 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion: 57 Resp: 271720

Ion	Ratio	Lower	Upper
57	100		
41	92.1	70.5	105.7
43	71.9	165.8	248.8#
56	54.9	42.2	63.4

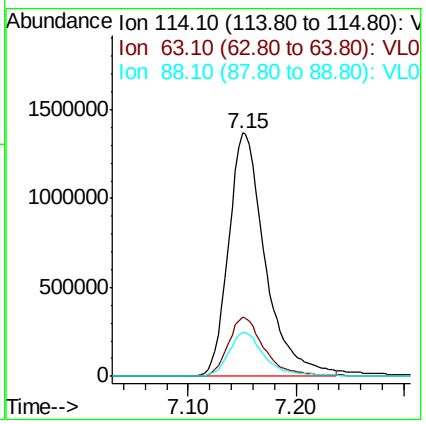




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion:114 Resp: 3246226

Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.6	29.4
88	18.2	14.6	21.8



Instrument :
MSVOA_L
ClientSampleId :
QC042221 CAN 10663

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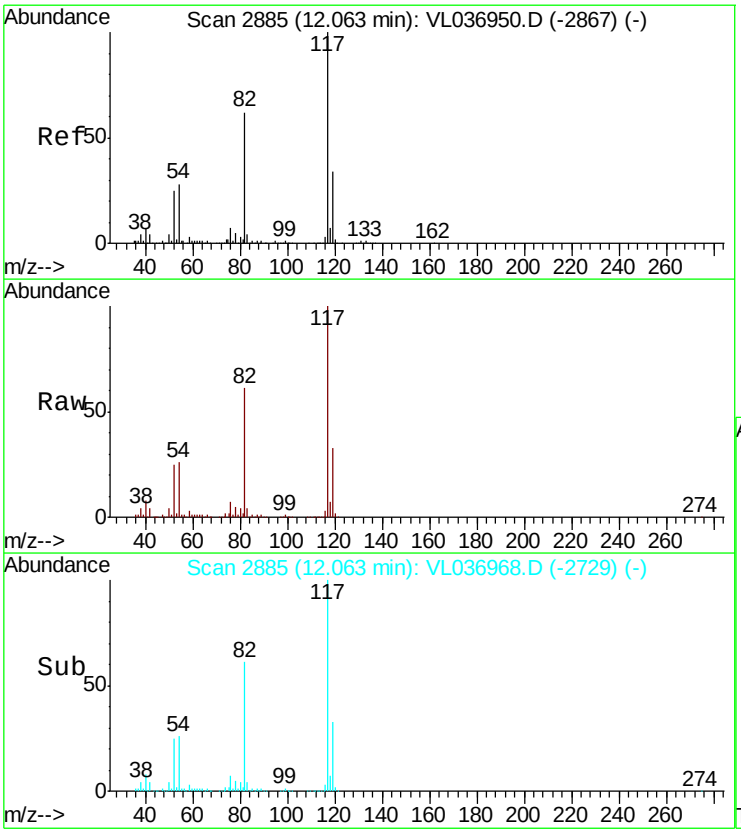
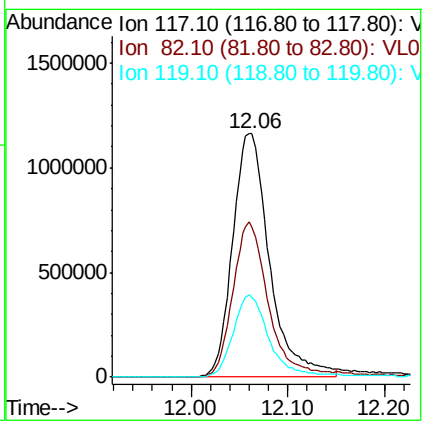
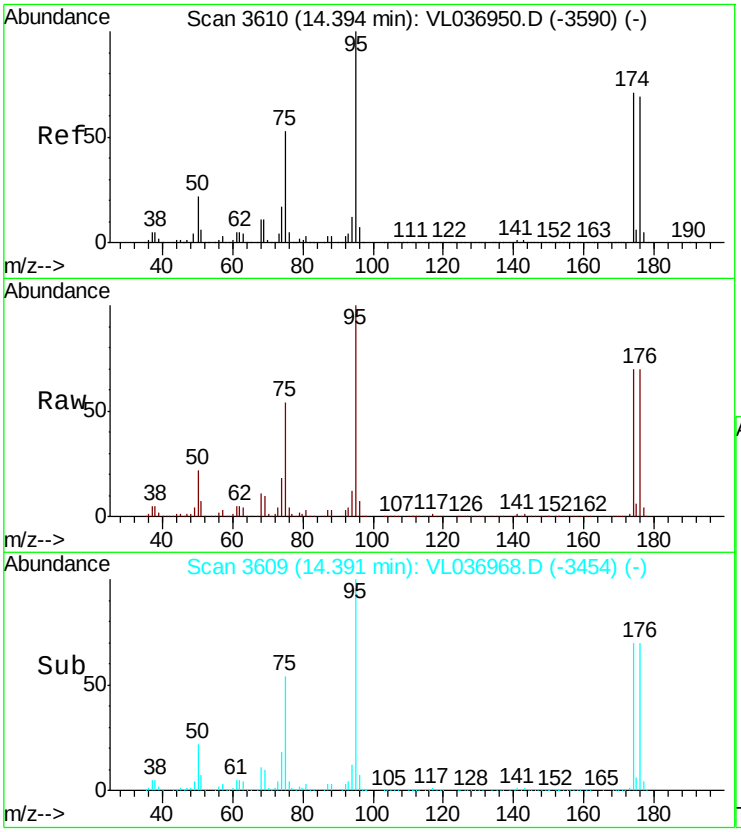


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. 0.00 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion:117 Resp: 3085912

Ion	Ratio	Lower	Upper
117	100		
82	64.4	52.6	79.0
119	33.9	46.6	70.0#

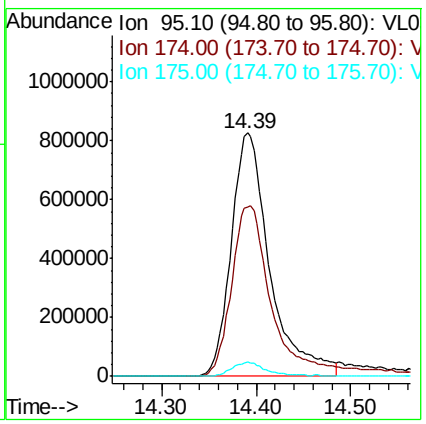




#68
1-Bromo-4-Fluorobenzene
Concen: 10.116 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL036968.D
Acq: 18 May 2021 14:29

Tgt Ion: 95 Resp: 2344995

Ion	Ratio	Lower	Upper
95	100		
174	76.8	58.4	87.6
175	5.9	4.4	6.6



Instrument :
MSVOA_L
ClientSampleId :
QC042221 CAN 10663

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