Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\
Data File : VL032614.D
Acq On : 11 Oct 2018 21:26
Operator : SY/AP
Sample : J5370-01DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
Q1-SVI-100518DL

Manual Integrations APPROVED
MMDadoda
10/12/2018 2:07:38 PM

Quant Time: Oct 12 02:35:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 0
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1431960	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.32	114	3163725	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3311907	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2405512	9.63	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.30%			
Target Compounds						Qvalue
9) Propene	3.05	41	62124	1.202	ppbv	98
13) Ethanol	3.68	45	24604	1.584	ppbv	88
15) Acetone	3.92	43	1455206	11.577	ppbv	96
17) tert-Butyl alcohol	4.40	59	21421m	1.356	ppbv	
19) Isopropyl Alcohol	4.07	45	16032	0.183	ppbv #	93
20) Methylene Chloride	4.43	84	34781	0.571	ppbv #	93
34) 2-Butanone	5.36	43	540470	2.869	ppbv	99
51) 2-Hexanone	10.34	43	45761m	0.187	ppbv	

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

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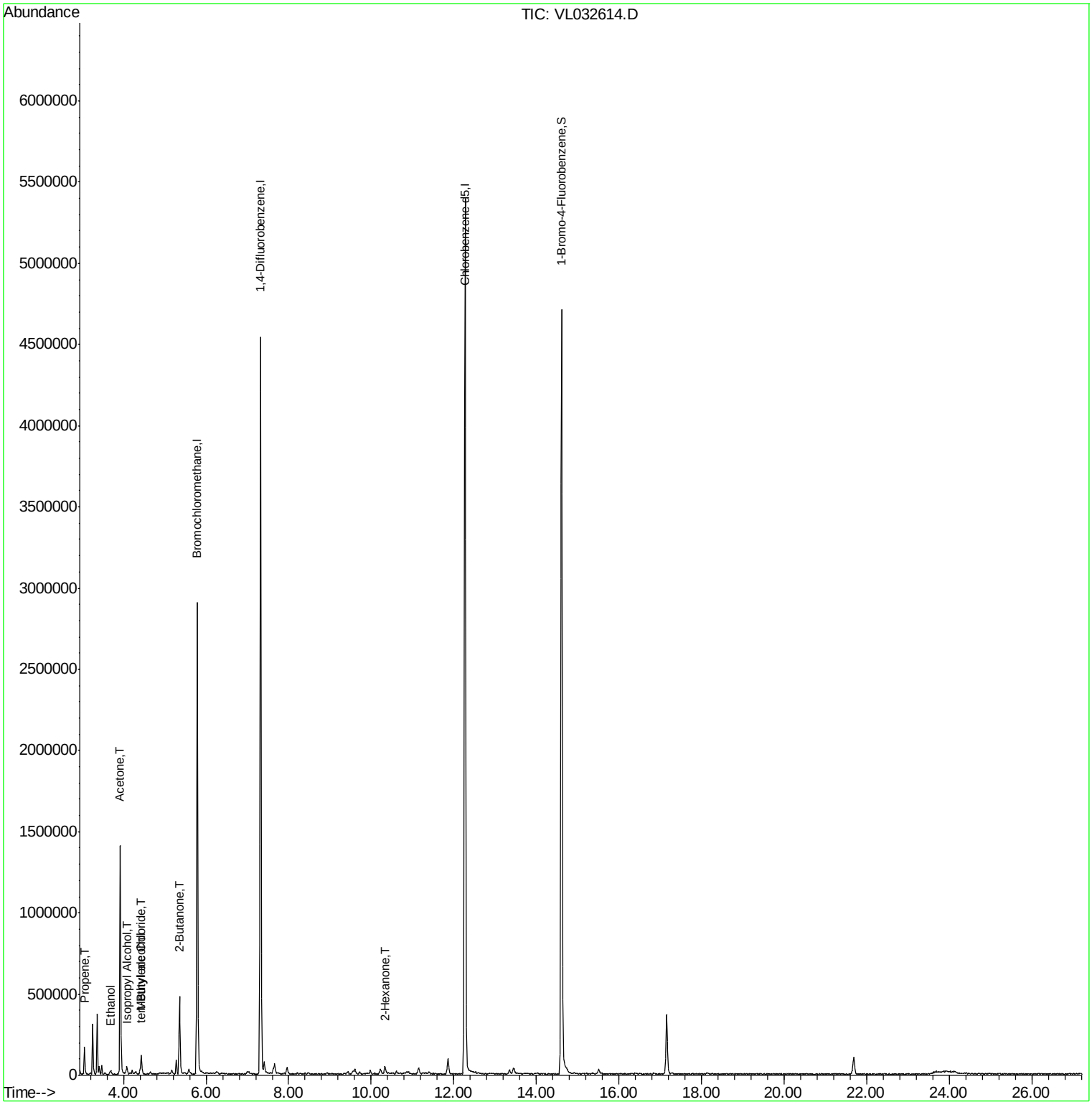
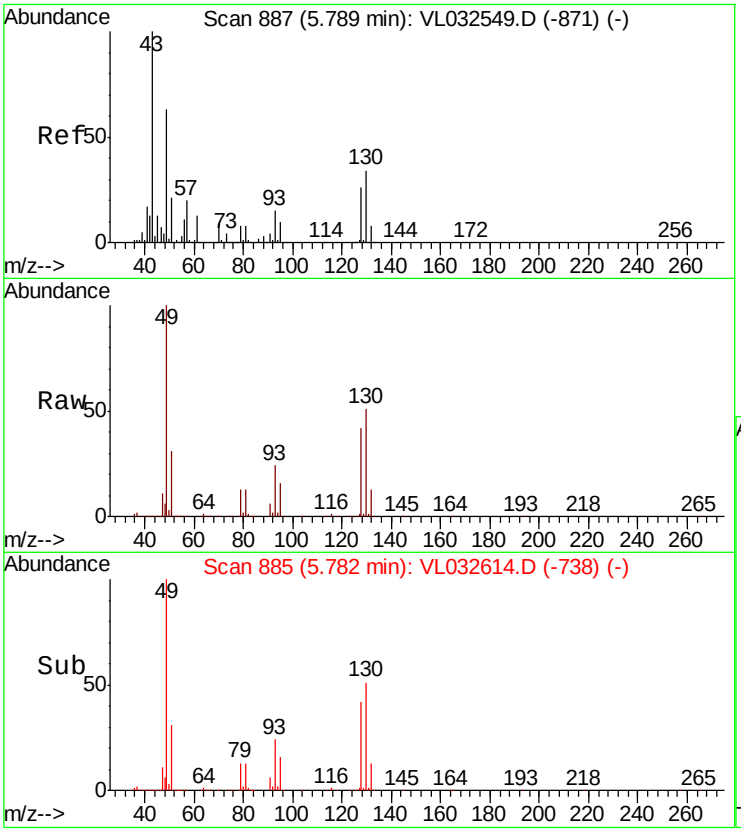
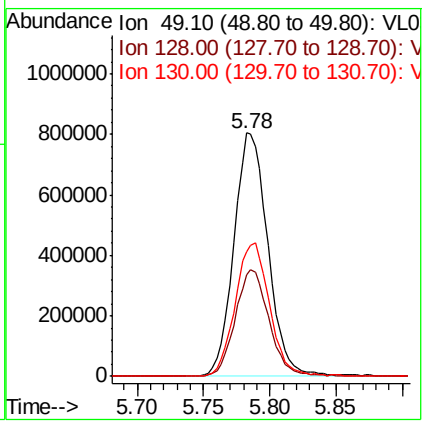




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.03 min
Lab File: VL032614.D
Acq: 11 Oct 2018 21:26

Tgt Ion: 49 Resp: 1431960

Ion	Ratio	Lower	Upper
49	100		
128	43.8	20.7	62.1
130	56.1	26.6	79.7



Instrument :
MSVOA_L
ClientSampleId :
Q1-SVI-100518DL

Manual Integrations APPROVED
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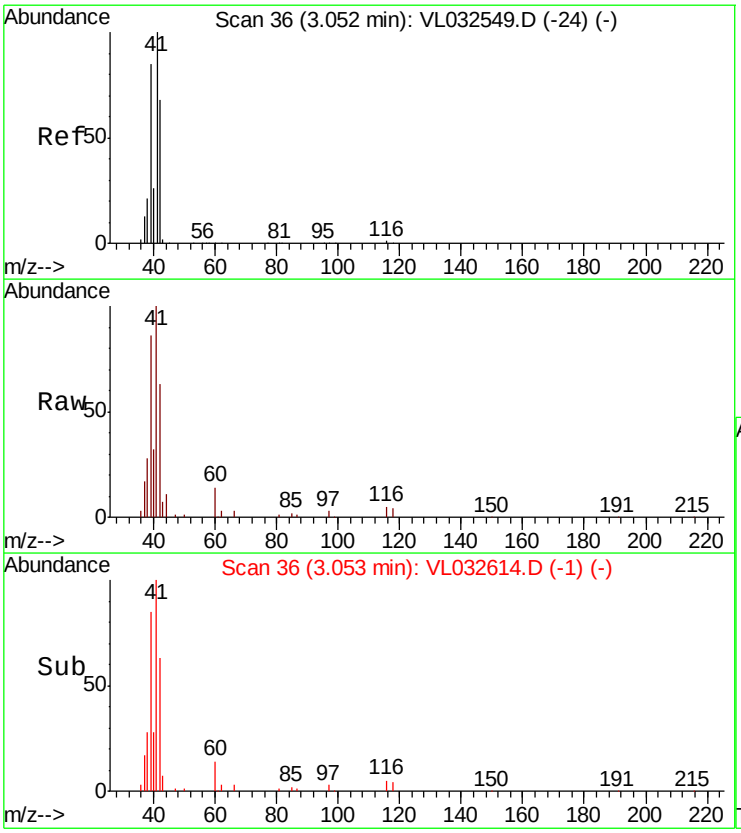
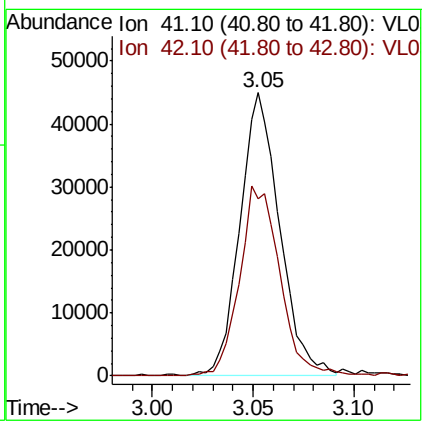
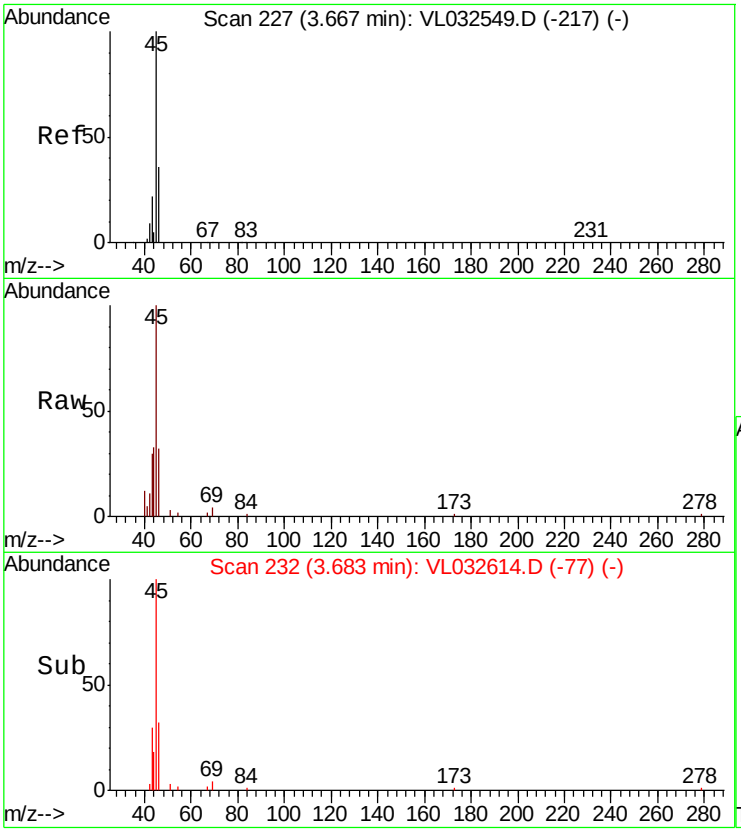


#9
Propene
Concen: 1.202 ppbv
RT: 3.05 min Scan# 36
Delta R.T. -0.01 min
Lab File: VL032614.D
Acq: 11 Oct 2018 21:26

Tgt Ion: 41 Resp: 62124

Ion	Ratio	Lower	Upper
41	100		
42	69.1	56.6	84.8

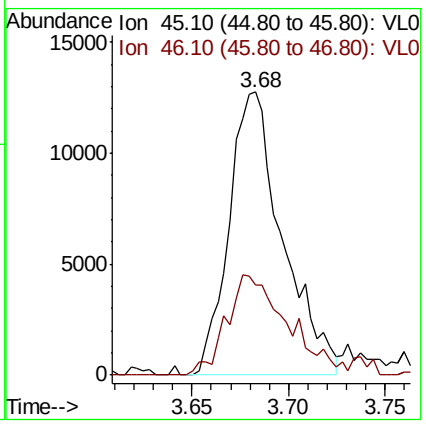




#13
Ethanol
Concen: 1.584 ppbv
RT: 3.68 min Scan# 232
Delta R.T. -0.00 min
Lab File: VL032614.D
Acq: 11 Oct 2018 21:26

Tgt Ion: 45 Resp: 24604

Ion	Ratio	Lower	Upper
45	100		
46	42.3	14.2	56.8



Instrument :
MSVOA_L
ClientSampleId :
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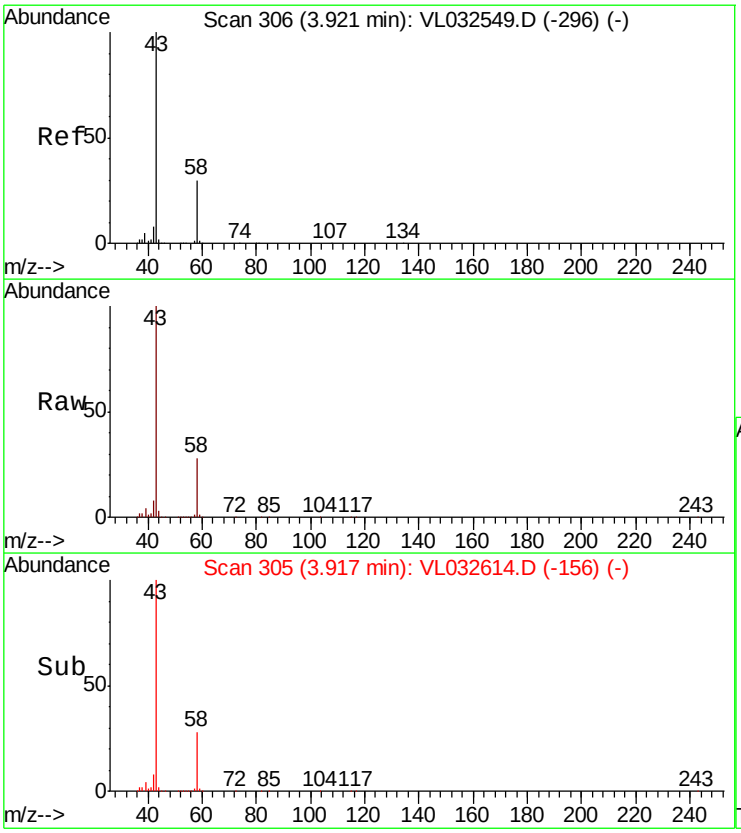
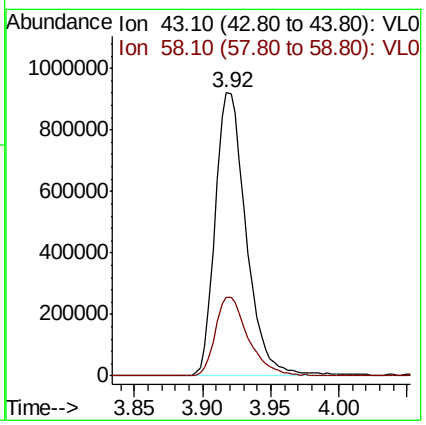
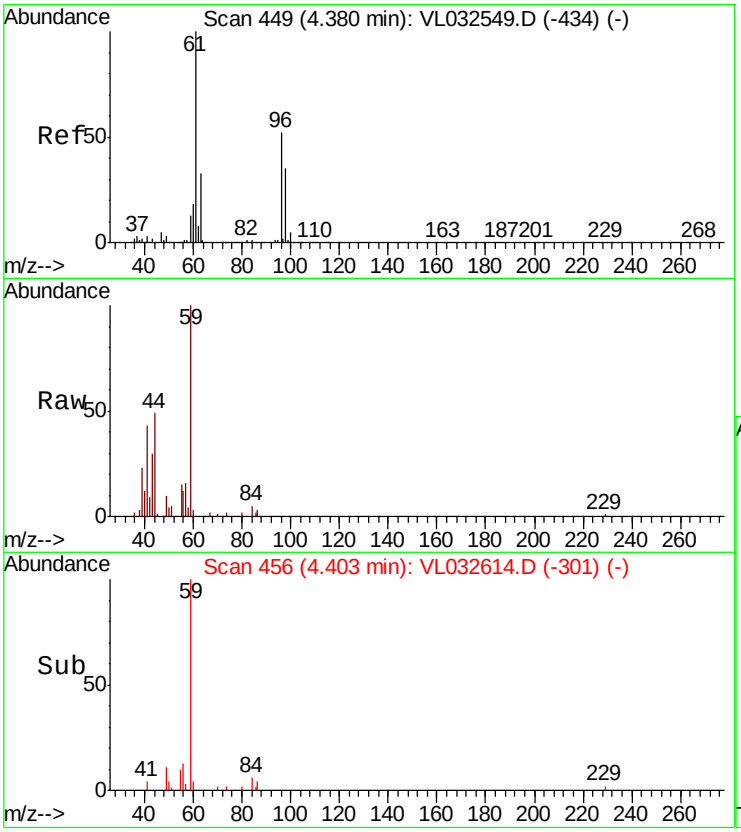


#15
Acetone
Concen: 11.577 ppbv
RT: 3.92 min Scan# 305
Delta R.T. -0.02 min
Lab File: VL032614.D
Acq: 11 Oct 2018 21:26

Tgt Ion: 43 Resp: 1455206

Ion	Ratio	Lower	Upper
43	100		
58	30.1	22.6	33.8





#17
tert-Butyl alcohol
Concen: 1.356 ppbv m
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL032614.D
Acq: 11 Oct 2018 21:26

Tgt Ion: 59 Resp: 21421

Ion	Ratio	Lower	Upper
59	100		
57	14.4	0.0	0.0#

Instrument :
MSVOA_L
ClientSampleId :
Q1-SVI-100518DL

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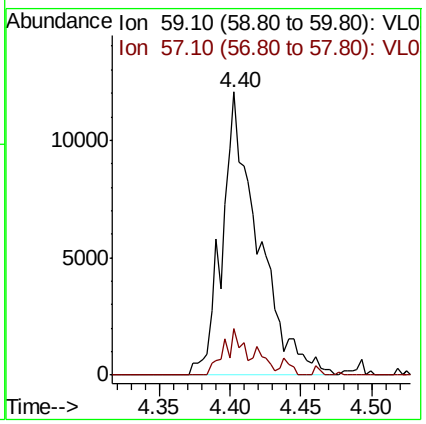
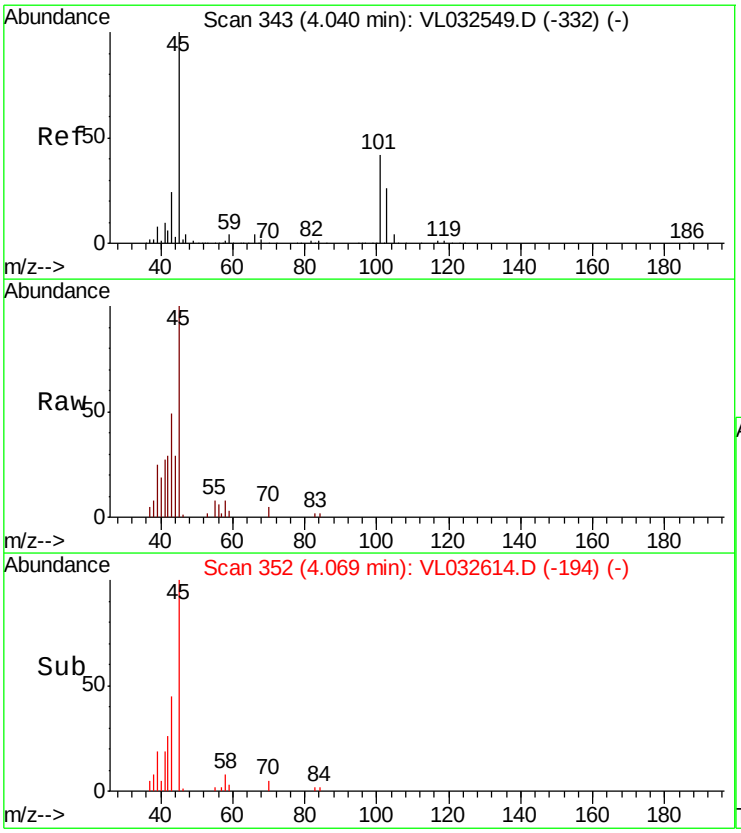
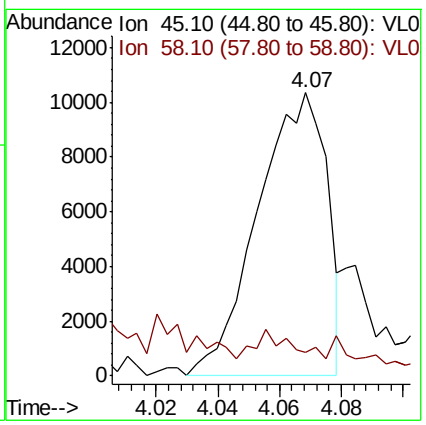


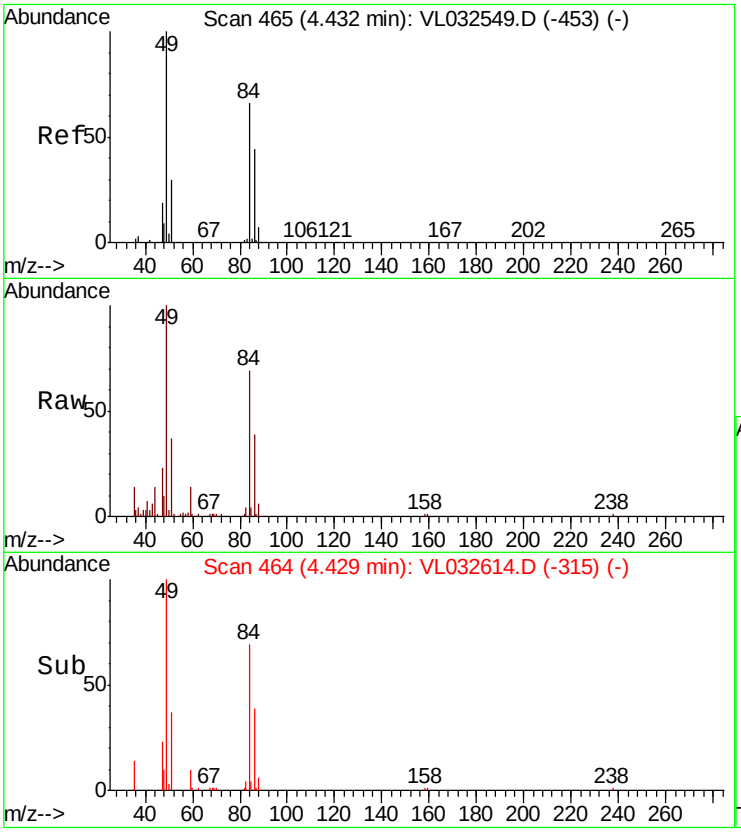


#19
Isopropyl Alcohol
Concen: 0.183 ppbv
RT: 4.07 min Scan# 352
Delta R.T. 0.01 min
Lab File: VL032614.D
Acq: 11 Oct 2018 21:26

Tgt Ion: 45 Resp: 16032

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#

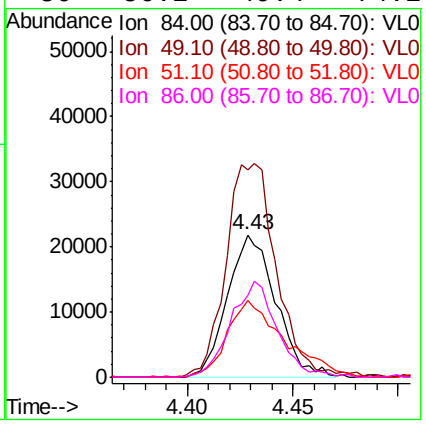




#20
Methylene Chloride
Concen: 0.571 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.02 min
Lab File: VL032614.D
Acq: 11 Oct 2018 21:26

Tgt Ion: 84 Resp: 34781

Ion	Ratio	Lower	Upper
84	100		
49	143.9	119.1	178.7
51	54.1	35.2	52.8#
86	56.2	49.4	74.2



Instrument :
MSVOA_L
ClientSampleId :
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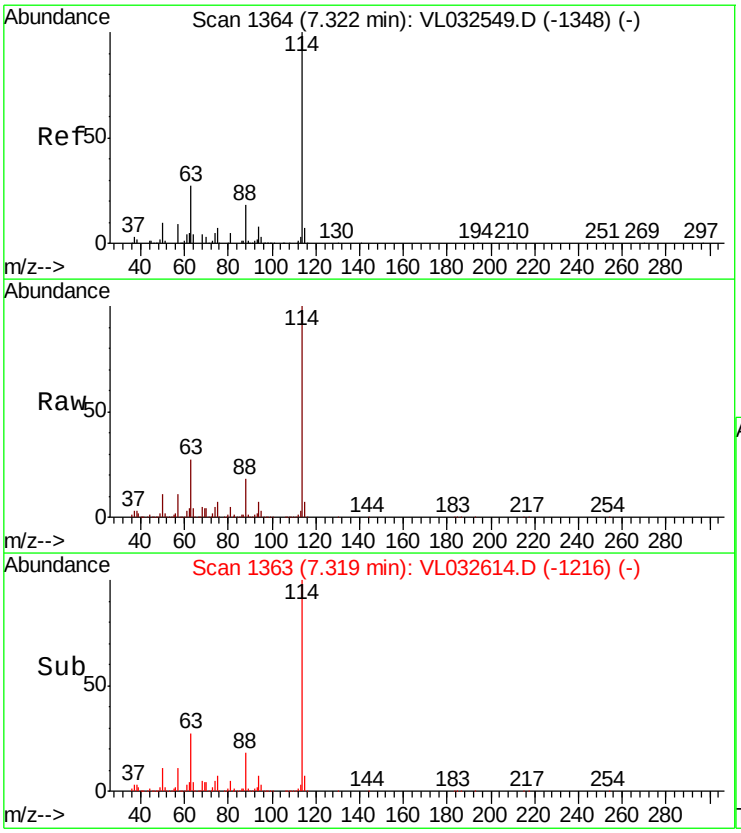
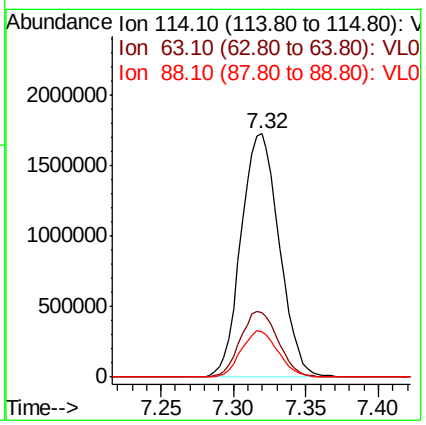
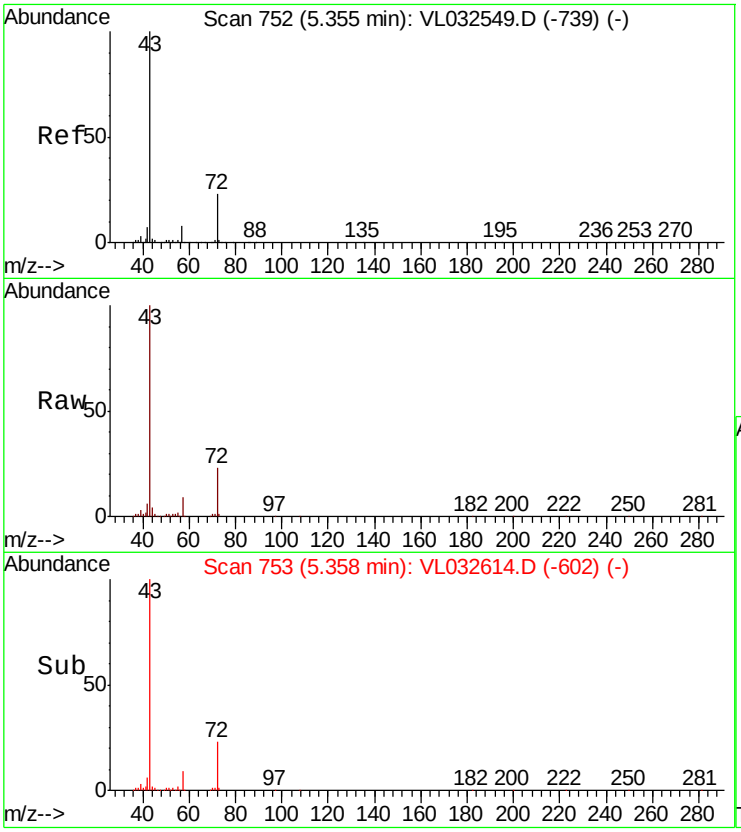


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032614.D
Acq: 11 Oct 2018 21:26

Tgt Ion:114 Resp: 3163725

Ion	Ratio	Lower	Upper
114	100		
63	26.9	22.2	33.4
88	18.4	15.0	22.4

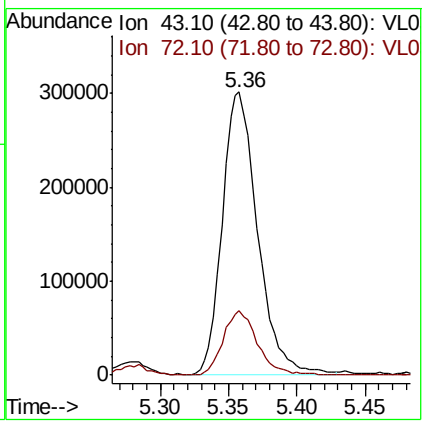




#34
2-Butanone
Concen: 2.869 ppbv
RT: 5.36 min Scan# 753
Delta R.T. -0.01 min
Lab File: VL032614.D
Acq: 11 Oct 2018 21:26

Tgt Ion: 43 Resp: 540470

Ion	Ratio	Lower	Upper
43	100		
72	22.5	17.8	26.6



Instrument :
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ClientSampleId :
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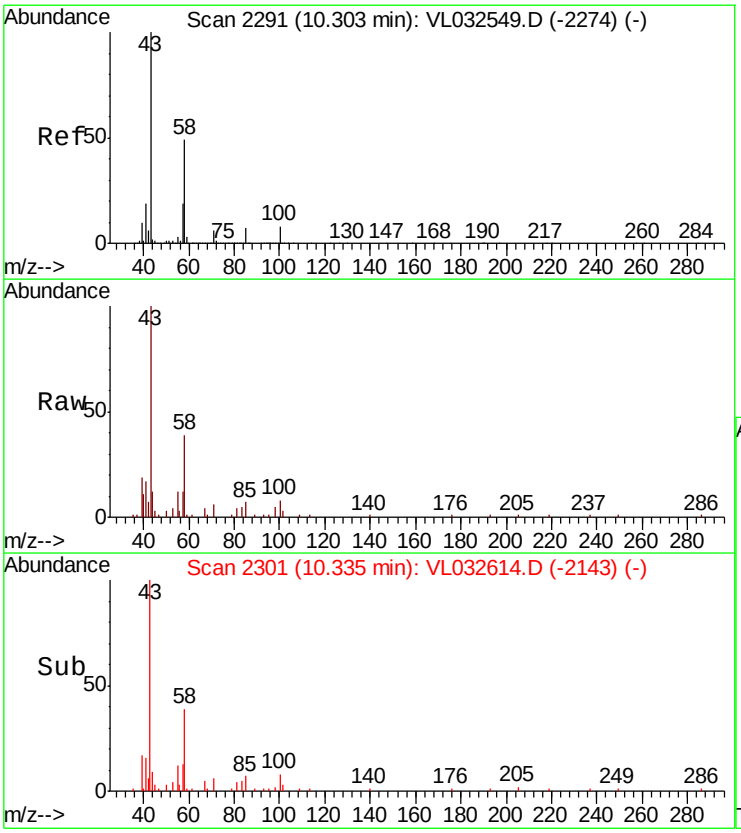
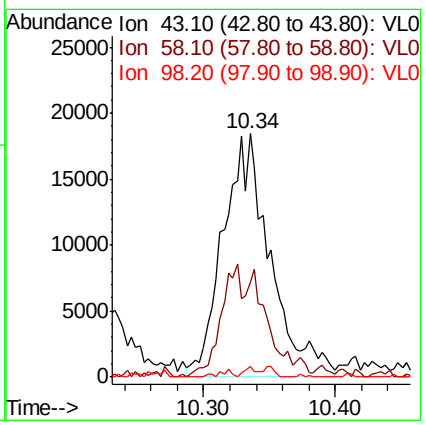
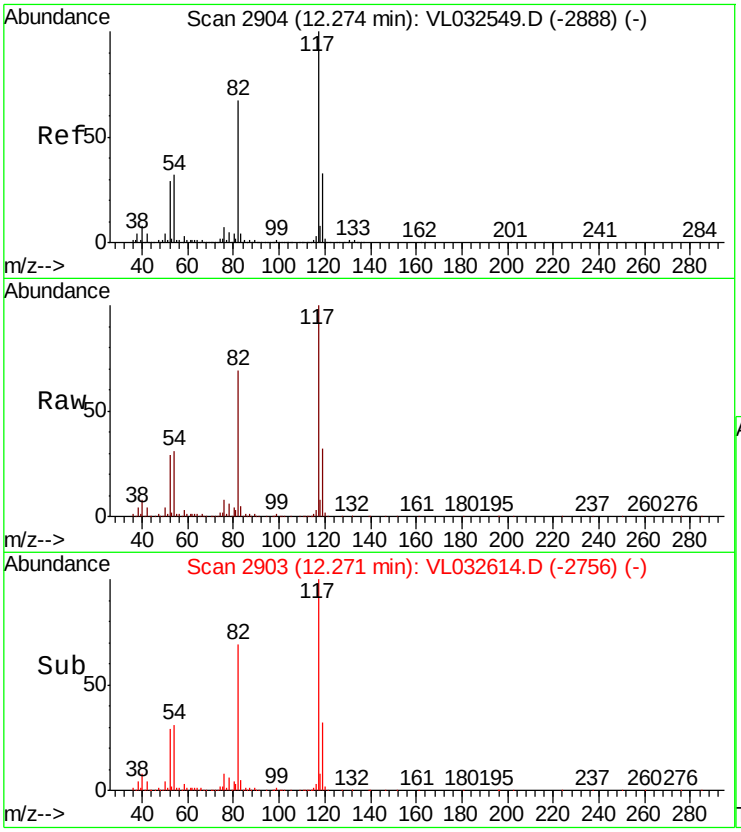


#51
2-Hexanone
Concen: 0.187 ppbv m
RT: 10.34 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VL032614.D
Acq: 11 Oct 2018 21:26

Tgt Ion: 43 Resp: 45761

Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.2	58.8#
98	0.0	0.4	0.6#

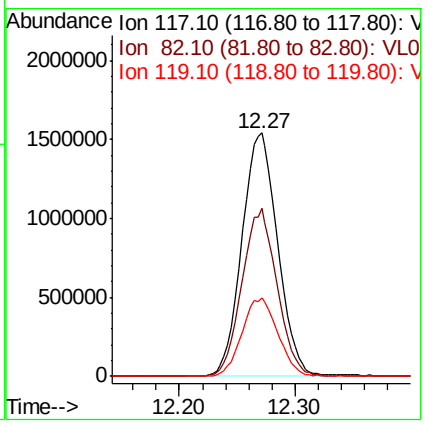




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL032614.D
Acq: 11 Oct 2018 21:26

Tgt Ion:117 Resp: 3311907

Ion	Ratio	Lower	Upper
117	100		
82	68.0	53.0	79.6
119	32.4	45.9	68.9#



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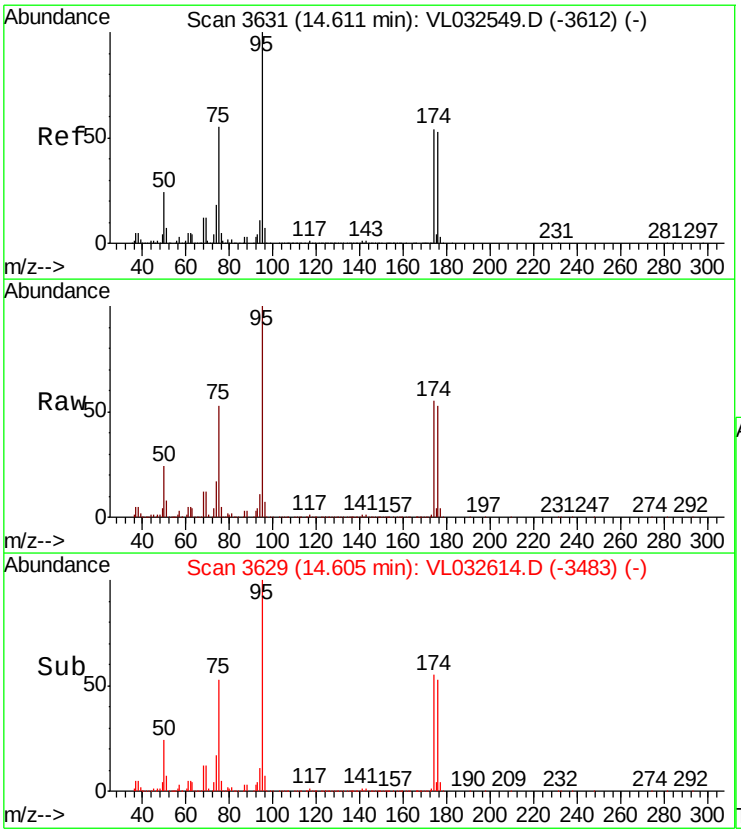

#68
1-Bromo-4-Fluorobenzene
Concen: 9.631 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032614.D
Acq: 11 Oct 2018 21:26

Tgt Ion: 95 Resp: 2405512

Ion	Ratio	Lower	Upper
95	100		
174	57.6	46.3	69.5
175	4.2	3.4	5.0