Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025618.D
Acq On : 7 Jul 2015 21:59
Operator : SY/MD
Sample : G2872-01DL2 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DIN46-EFFLUENT-070115DL2

Manual Integrations APPROVED
sam
7/8/2015 11:06:21 AM

Quant Time: Jul 08 07:50:24 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 0
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.65	49	625520	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.32	114	1650336	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.74	117	2115020	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.29	95	1827364	10.24	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.40%				
Target Compounds							Qvalue
5) Vinyl Chloride	3.89	62	14166	0.33	ppbv	#	86
9) Propene	3.60	41	13150	0.45	ppbv		94
13) Ethanol	4.37	45	5701	1.25	ppbv		96
15) Acetone	4.62	43	178416	1.61	ppbv		94
17) tert-Butyl alcohol	5.15	59	145578	1.57	ppbv	#	94
34) 2-Butanone	6.23	43	42485m	0.45	ppbv		
41) Tetrahydrofuran	7.18	42	6541	0.14	ppbv		94

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

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Instrument :
MSVOA_L
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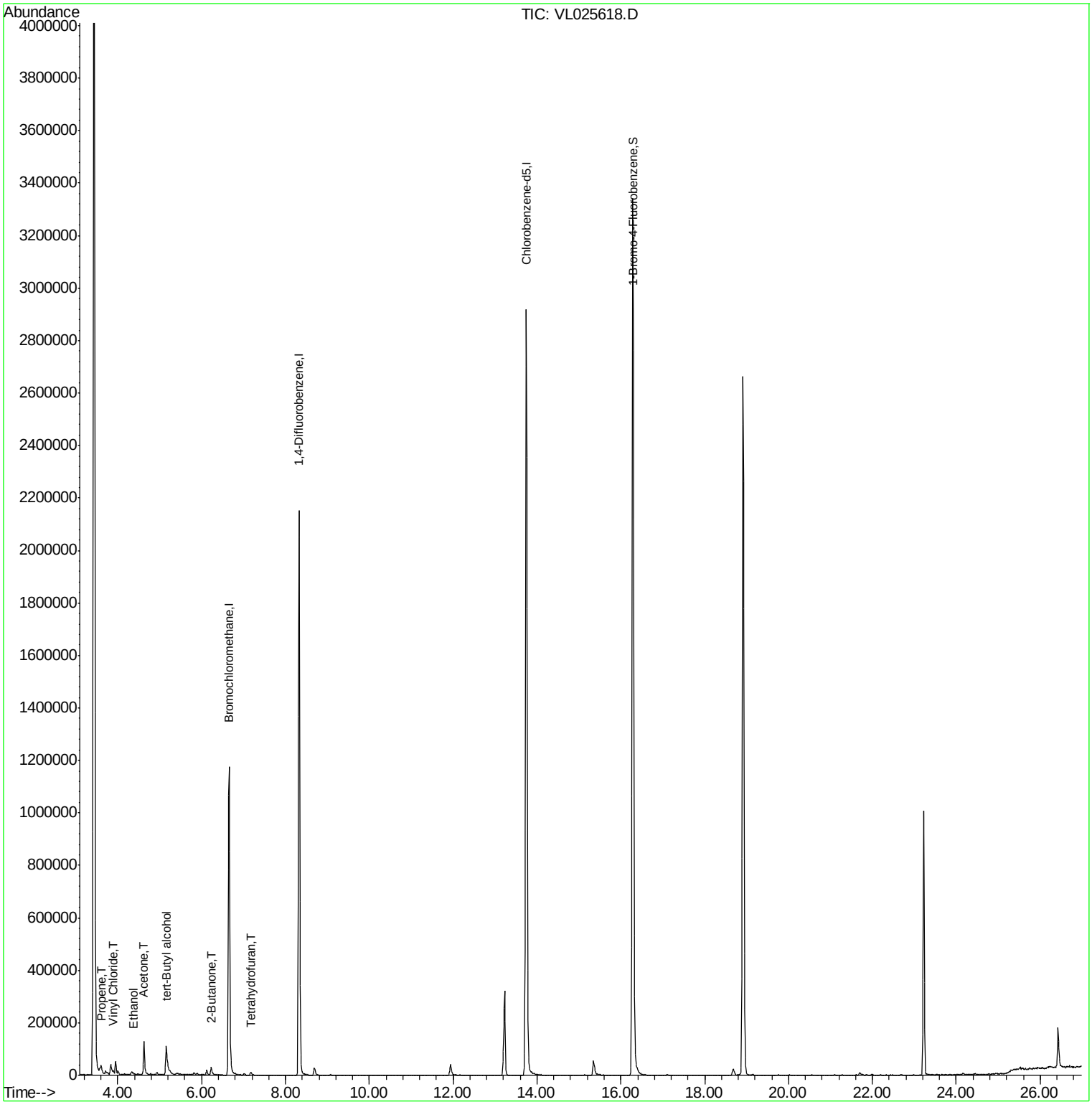
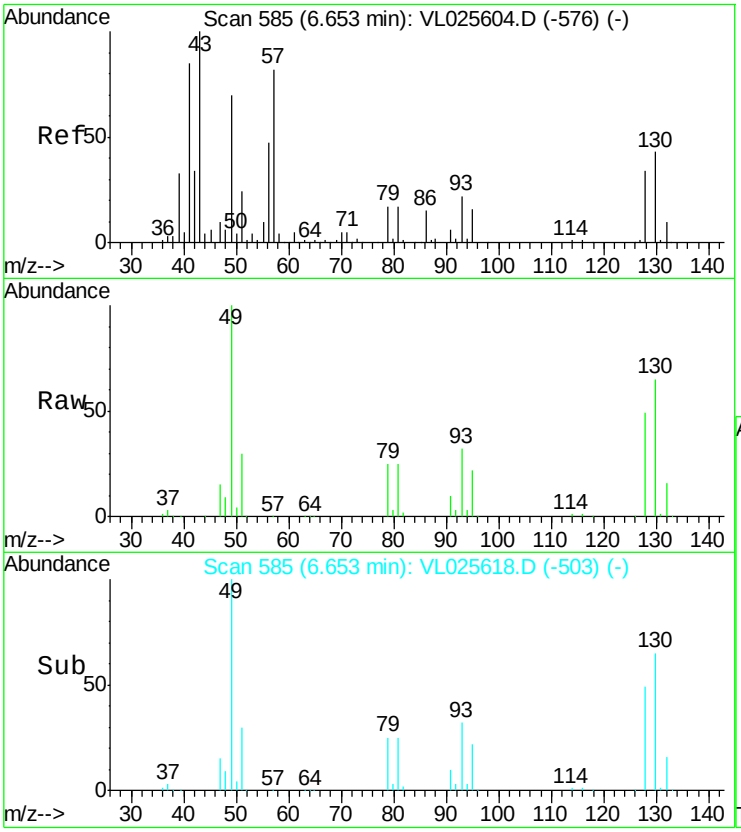
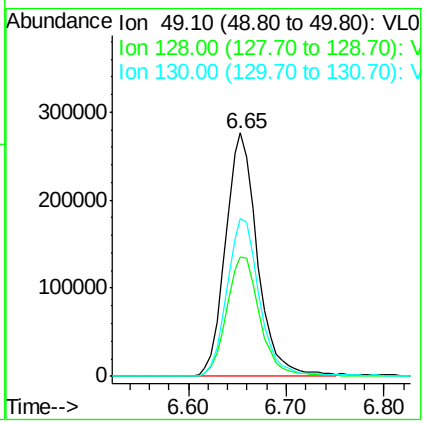




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.65 min Scan# 585
Delta R.T. -0.00 min
Lab File: VL025618.D
Acq: 7 Jul 2015 21:59

Tgt Ion: 49 Resp: 625520

Ion	Ratio	Lower	Upper
49	100		
128	51.9	25.4	76.0
130	67.1	31.9	95.9



Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115DL2

Manual Integrations APPROVED
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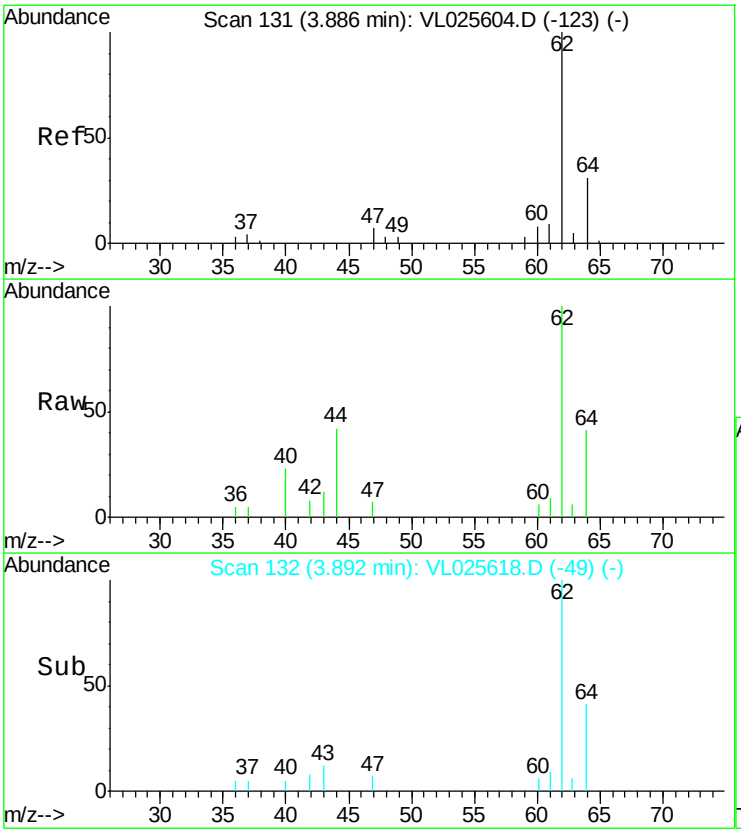
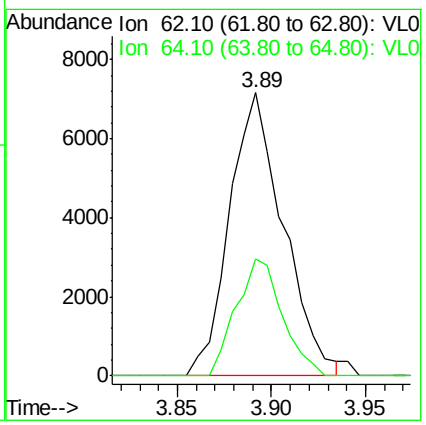
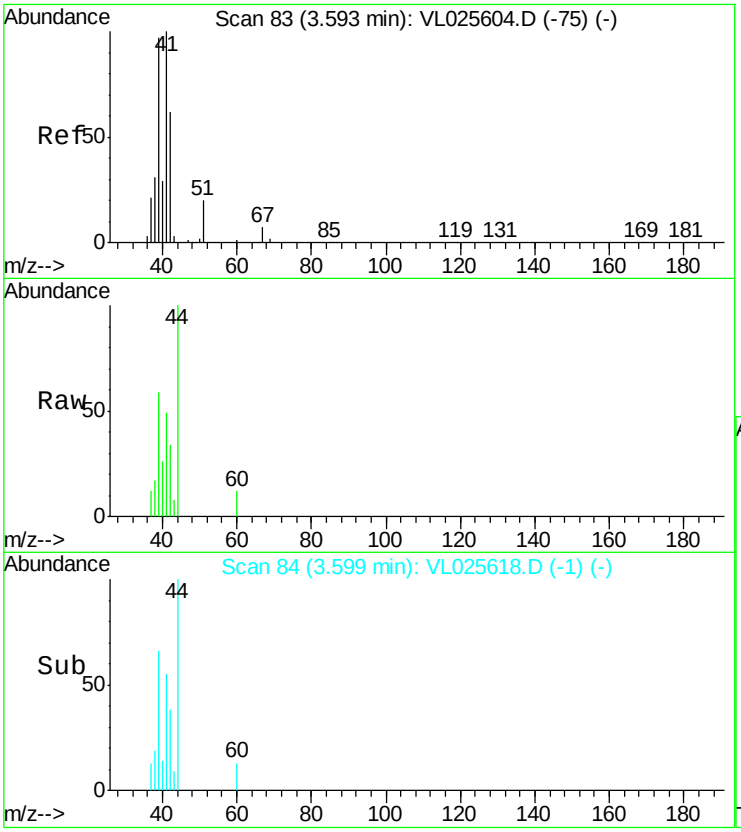


#5
Vinyl Chloride
Concen: 0.33 ppbv
RT: 3.89 min Scan# 132
Delta R.T. 0.01 min
Lab File: VL025618.D
Acq: 7 Jul 2015 21:59

Tgt Ion: 62 Resp: 14166

Ion	Ratio	Lower	Upper
62	100		
64	39.1	25.0	37.6#

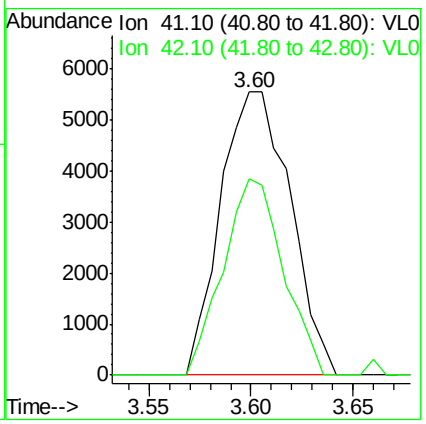




#9
Propene
Concen: 0.45 ppbv
RT: 3.60 min Scan# 84
Delta R.T. 0.01 min
Lab File: VL025618.D
Acq: 7 Jul 2015 21:59

Tgt Ion: 41 Resp: 13150

Ion	Ratio	Lower	Upper
41	100		
42	60.6	52.4	78.6



Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115DL2

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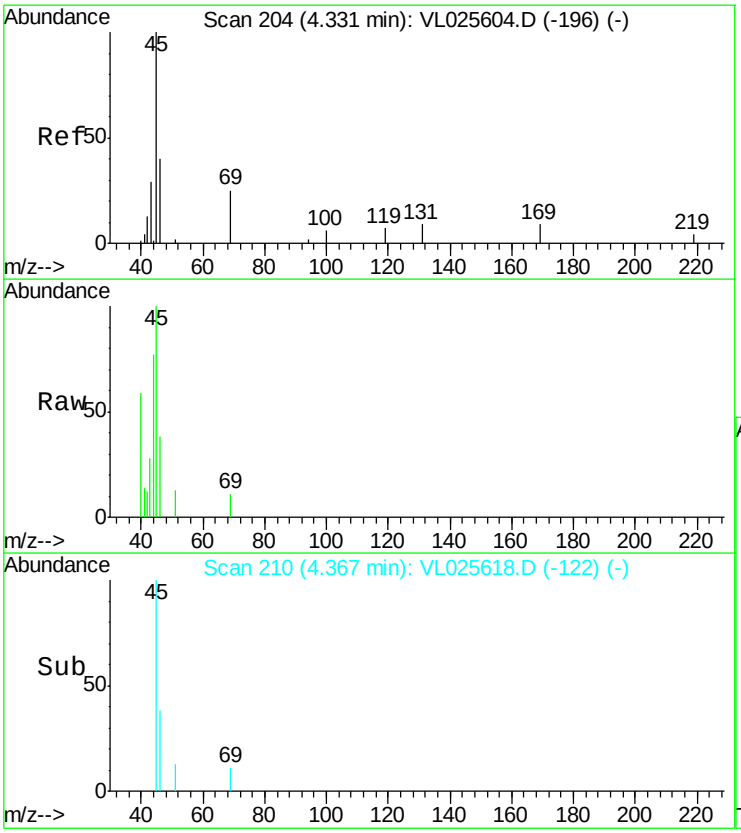
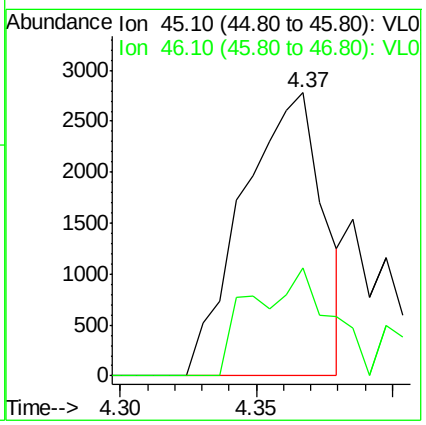
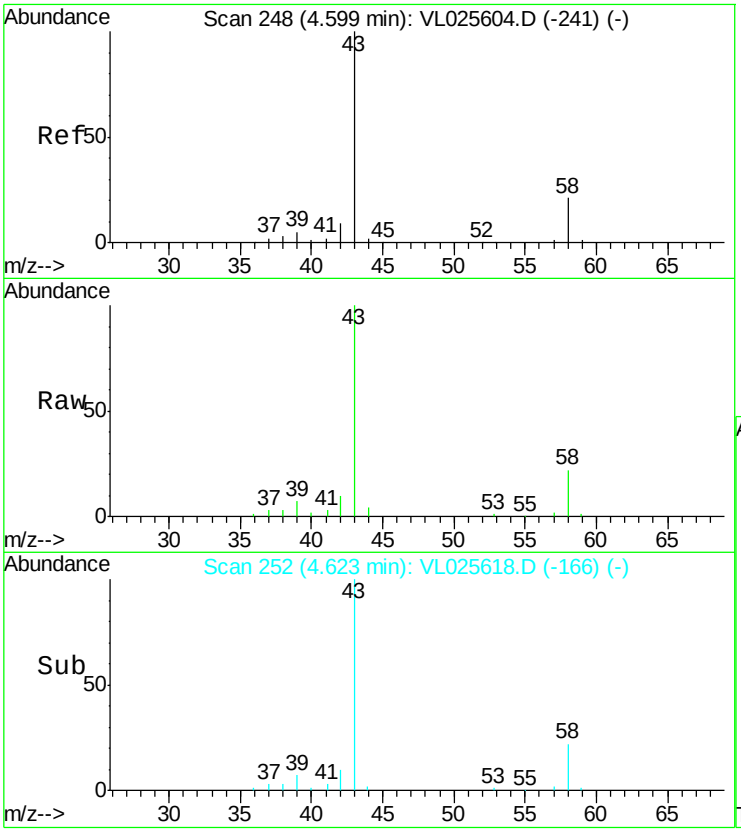


#13
Ethanol
Concen: 1.25 ppbv
RT: 4.37 min Scan# 210
Delta R.T. 0.04 min
Lab File: VL025618.D
Acq: 7 Jul 2015 21:59

Tgt Ion: 45 Resp: 5701

Ion	Ratio	Lower	Upper
45	100		
46	42.4	16.0	64.0

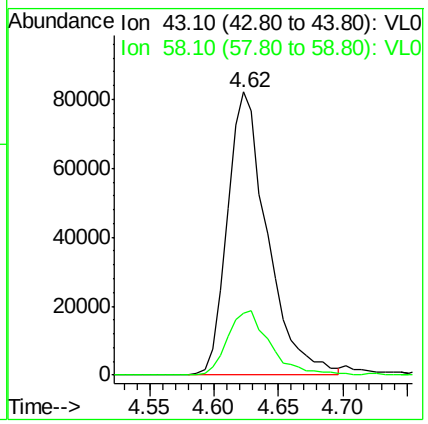




#15
Acetone
Concen: 1.61 ppbv
RT: 4.62 min Scan# 252
Delta R.T. 0.02 min
Lab File: VL025618.D
Acq: 7 Jul 2015 21:59

Tgt Ion: 43 Resp: 178416

Ion	Ratio	Lower	Upper
43	100		
58	24.2	17.2	25.8



Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115DL2

Manual Integrations APPROVED
sam
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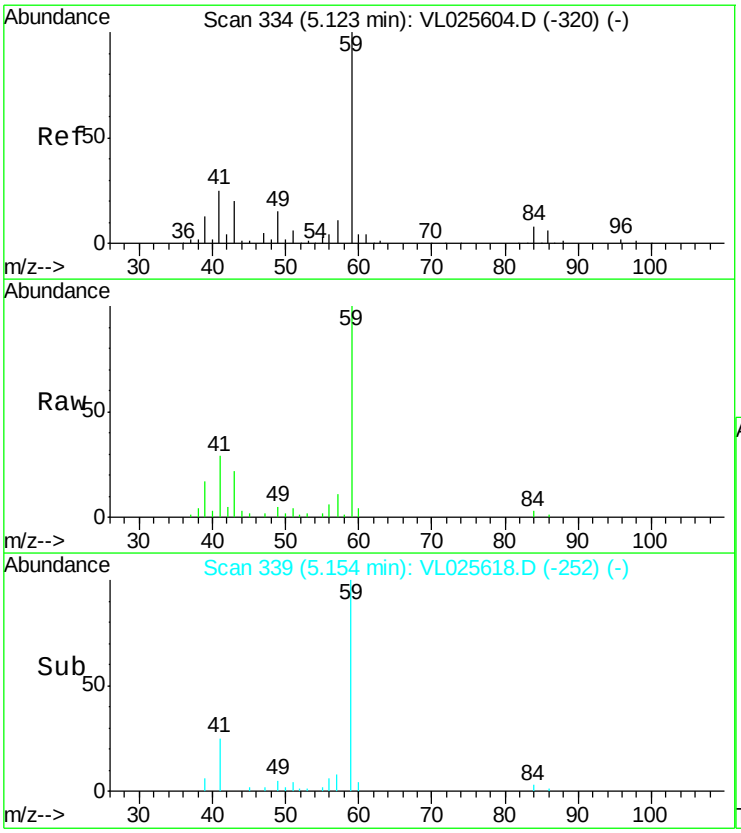
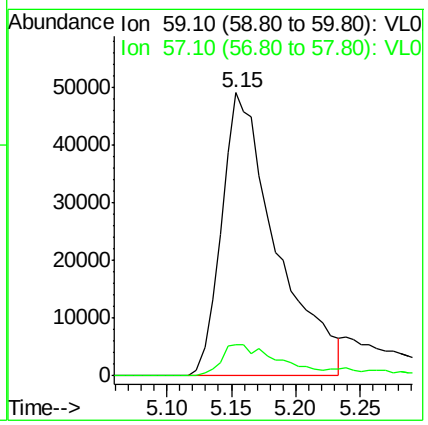
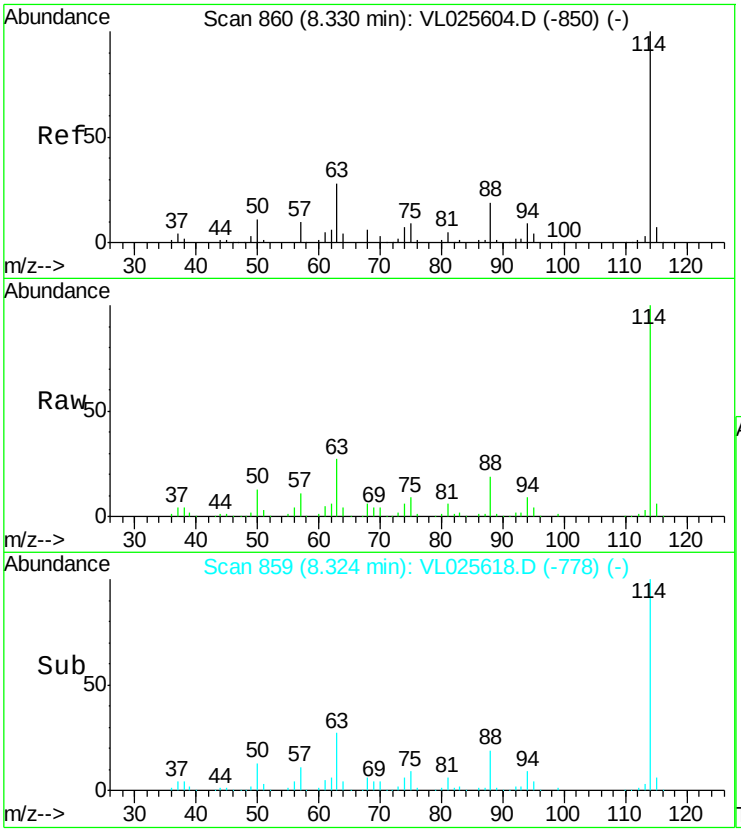


#17
tert-Butyl alcohol
Concen: 1.57 ppbv
RT: 5.15 min Scan# 339
Delta R.T. 0.03 min
Lab File: VL025618.D
Acq: 7 Jul 2015 21:59

Tgt Ion: 59 Resp: 145578

Ion	Ratio	Lower	Upper
59	100		
57	14.2	9.4	14.2#

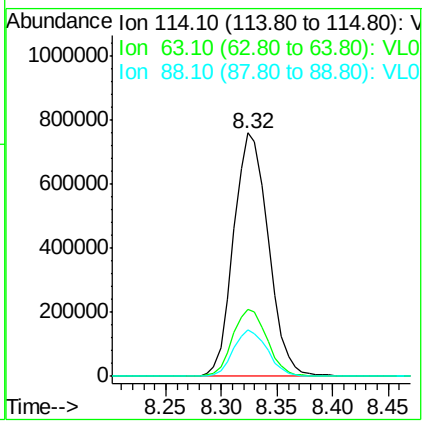




#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.32 min Scan# 859
Delta R.T. -0.01 min
Lab File: VL025618.D
Acq: 7 Jul 2015 21:59

Tgt Ion:114 Resp: 1650336

Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.4	33.6
88	18.6	15.0	22.4



Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115DL2

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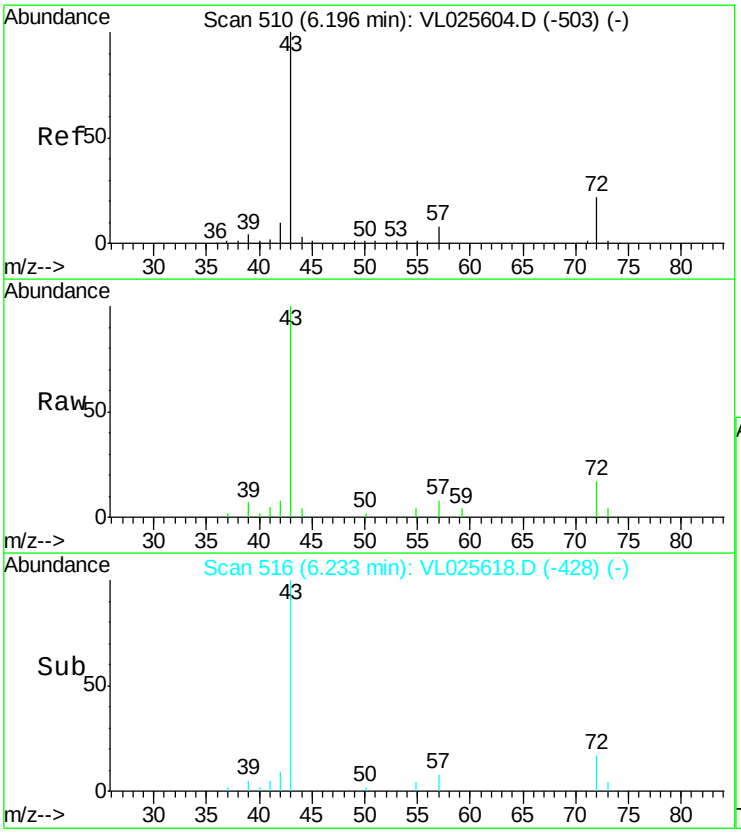
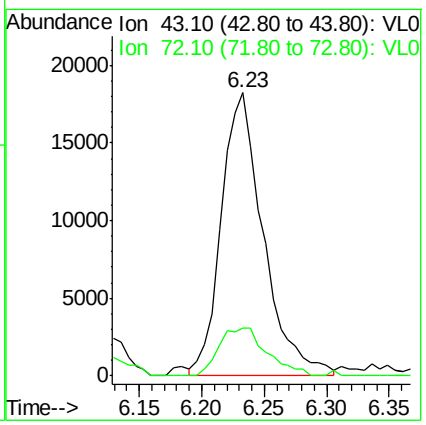
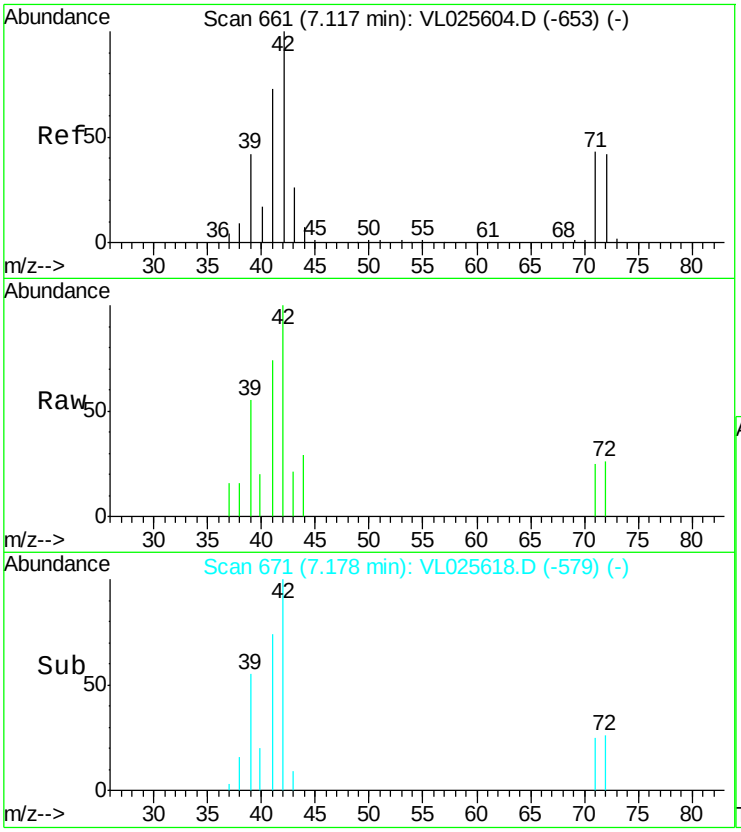


#34
2-Butanone
Concen: 0.45 ppbv m
RT: 6.23 min Scan# 516
Delta R.T. 0.04 min
Lab File: VL025618.D
Acq: 7 Jul 2015 21:59

Tgt Ion: 43 Resp: 42485

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	28.0#

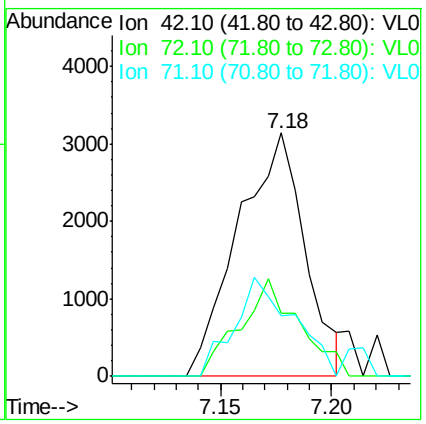




#41
Tetrahydrofuran
Concen: 0.14 ppbv
RT: 7.18 min Scan# 671
Delta R.T. 0.06 min
Lab File: VL025618.D
Acq: 7 Jul 2015 21:59

Tgt Ion: 42 Resp: 6541

Ion	Ratio	Lower	Upper
42	100		
72	35.6	34.0	51.0
71	40.1	33.0	49.6



Instrument :
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ClientSampleId :
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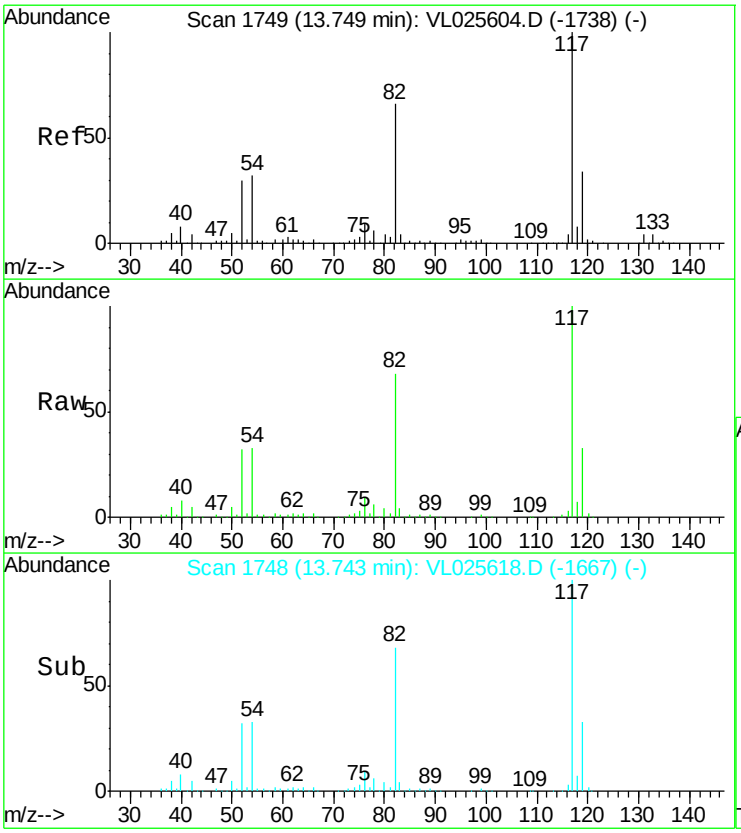
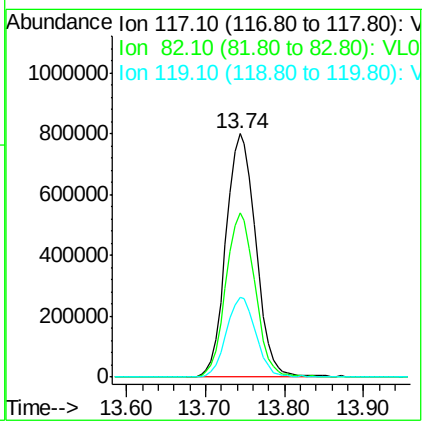
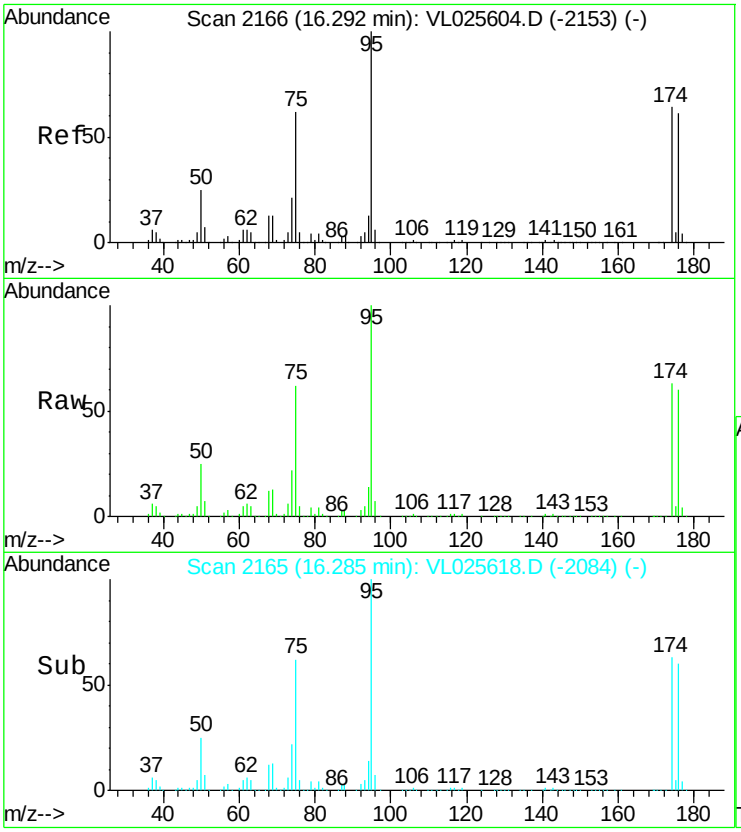


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.74 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VL025618.D
Acq: 7 Jul 2015 21:59

Tgt Ion:117 Resp: 2115020

Ion	Ratio	Lower	Upper
117	100		
82	66.6	50.5	75.7
119	32.6	45.1	67.7#

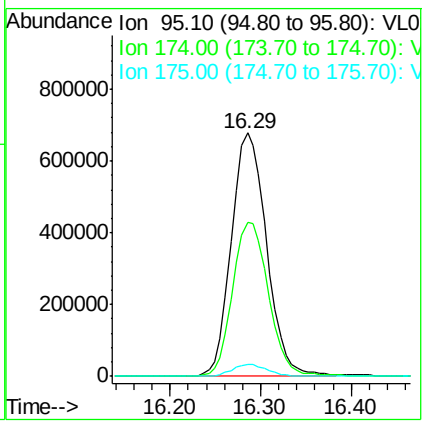




#68
1-Bromo-4-Fluorobenzene
Concen: 10.24 ppbv
RT: 16.29 min Scan# 2165
Delta R.T. -0.01 min
Lab File: VL025618.D
Acq: 7 Jul 2015 21:59

Tgt Ion: 95 Resp: 1827364

Ion	Ratio	Lower	Upper
95	100		
174	65.2	52.0	78.0
175	5.0	3.9	5.9



Instrument :
MSVOA_L
ClientSampleId :
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