Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051419\
Data File : VL033697.D
Acq On : 14 May 2019 18:54
Operator : SY/AP
Sample : K2730-02DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS02DL

Manual Integrations APPROVED
MMDadoda
5/16/2019 5:41:18 AM

Quant Time: May 15 04:02:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon May 0
QLast Update : Mon May 06 15:19:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	938125	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2282940	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2258858	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1790382	9.67	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.70%			
Target Compounds						Qvalue
9) Propene	3.05	41	96301m	1.864	ppbv	
13) Ethanol	3.66	45	10670m	0.688	ppbv	
15) Acetone	3.90	43	126578m	0.907	ppbv	
19) Isopropyl Alcohol	4.05	45	12773	0.149	ppbv	# 93
26) Hexane	5.77	57	12939	0.133	ppbv	# 40
30) Cyclohexane	7.24	84	114350	1.395	ppbv	# 81

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

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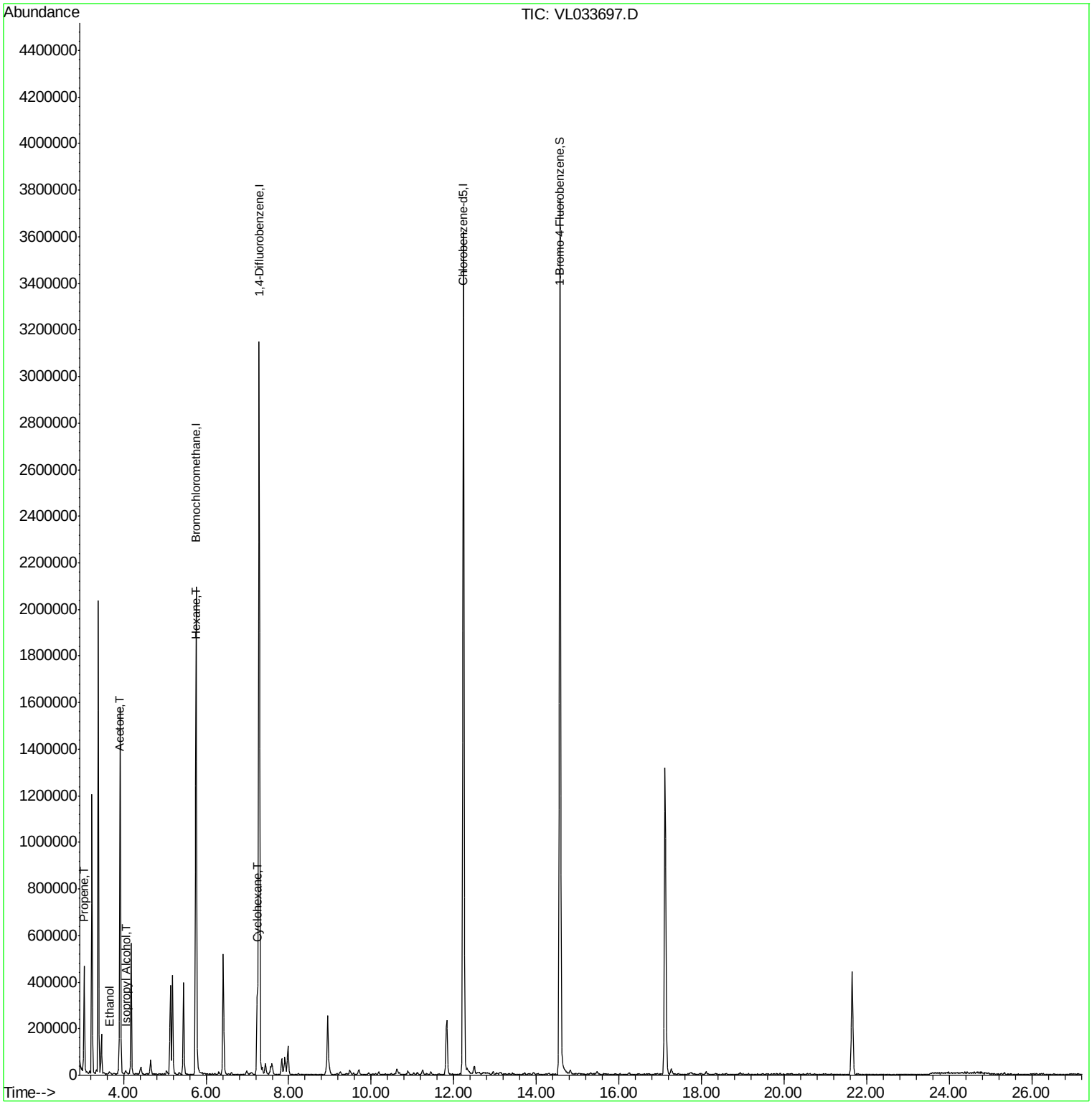
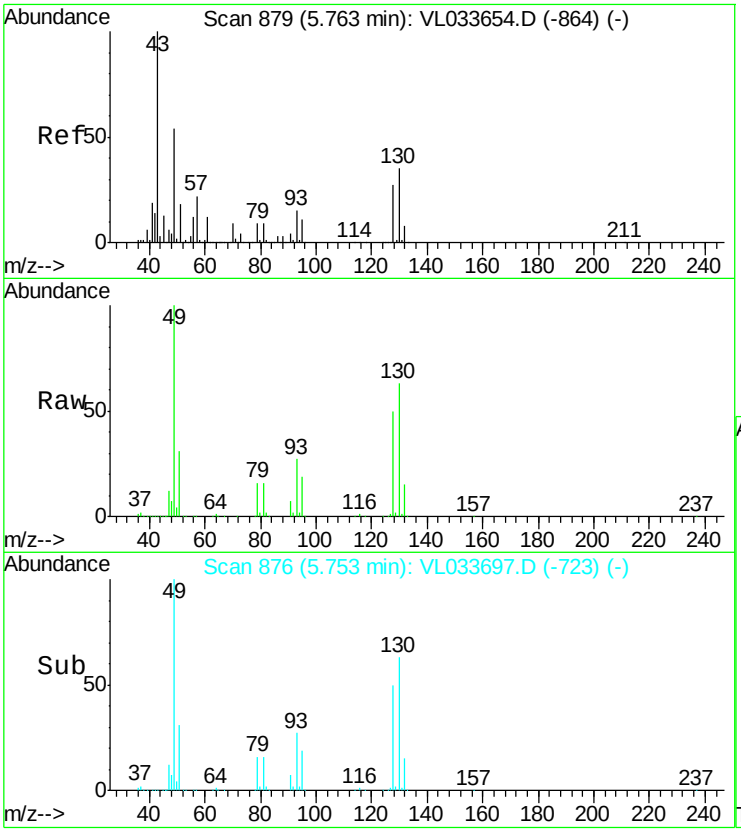
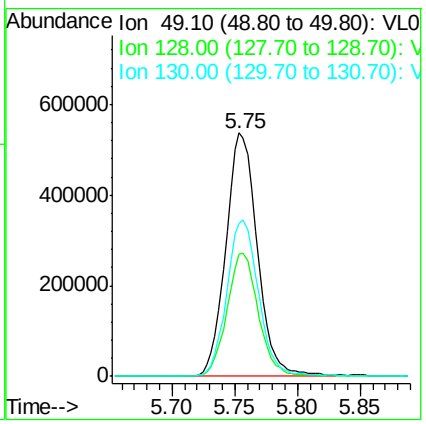




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033697.D
Acq: 14 May 2019 18:54

Tgt Ion: 49 Resp: 938125

Ion	Ratio	Lower	Upper
49	100		
128	50.7	24.8	74.3
130	65.3	32.1	96.5



Instrument :
MSVOA_L
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Manual Integrations APPROVED
MMDadoda
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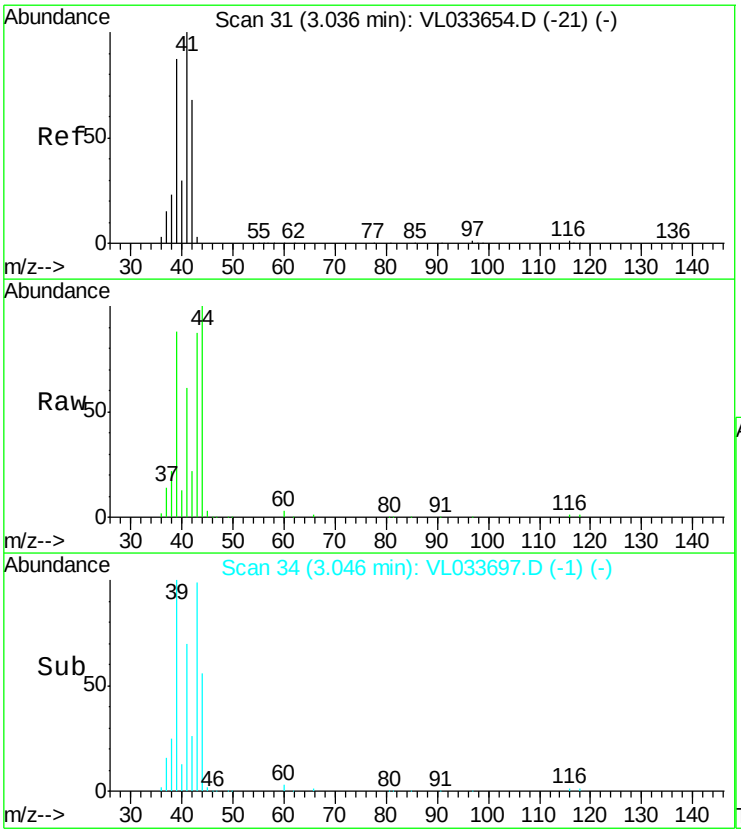
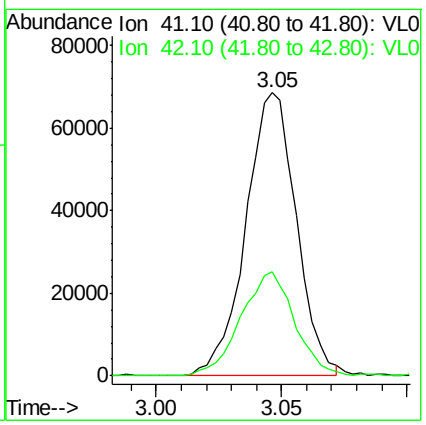
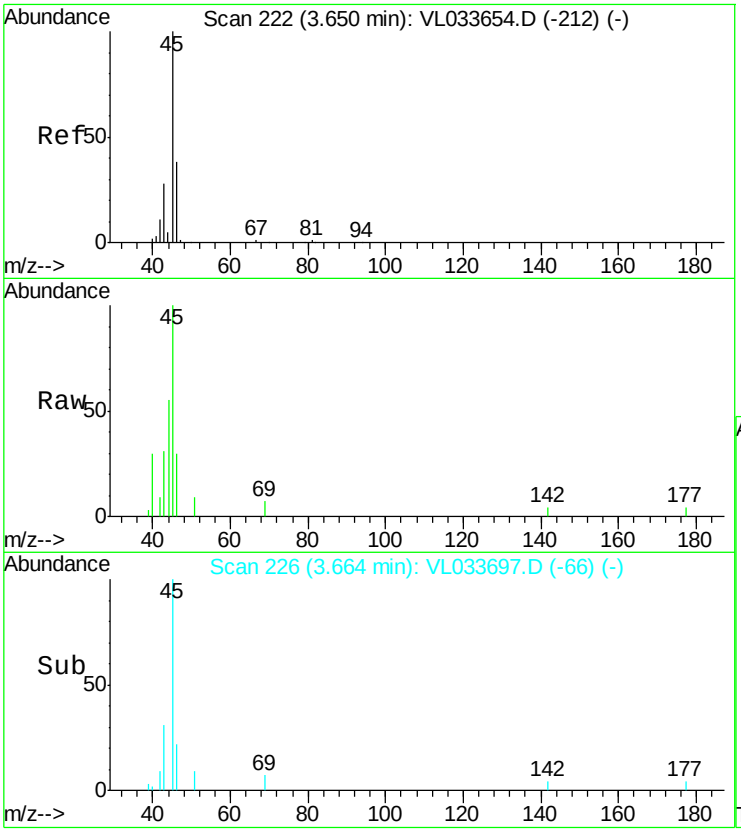


#9
Propene
Concen: 1.864 ppbv m
RT: 3.05 min Scan# 34
Delta R.T. 0.01 min
Lab File: VL033697.D
Acq: 14 May 2019 18:54

Tgt Ion: 41 Resp: 96301

Ion	Ratio	Lower	Upper
41	100		
42	217.6	55.6	83.4#

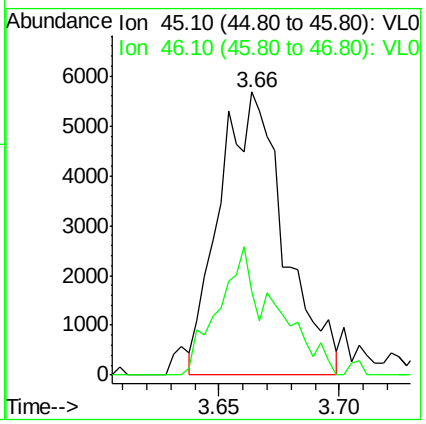




#13
Ethanol
Concen: 0.688 ppbv m
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL033697.D
Acq: 14 May 2019 18:54

Tgt Ion: 45 Resp: 10670

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.7#



Instrument :
MSVOA_L
ClientSampleId :
SS02DL

Manual Integrations APPROVED
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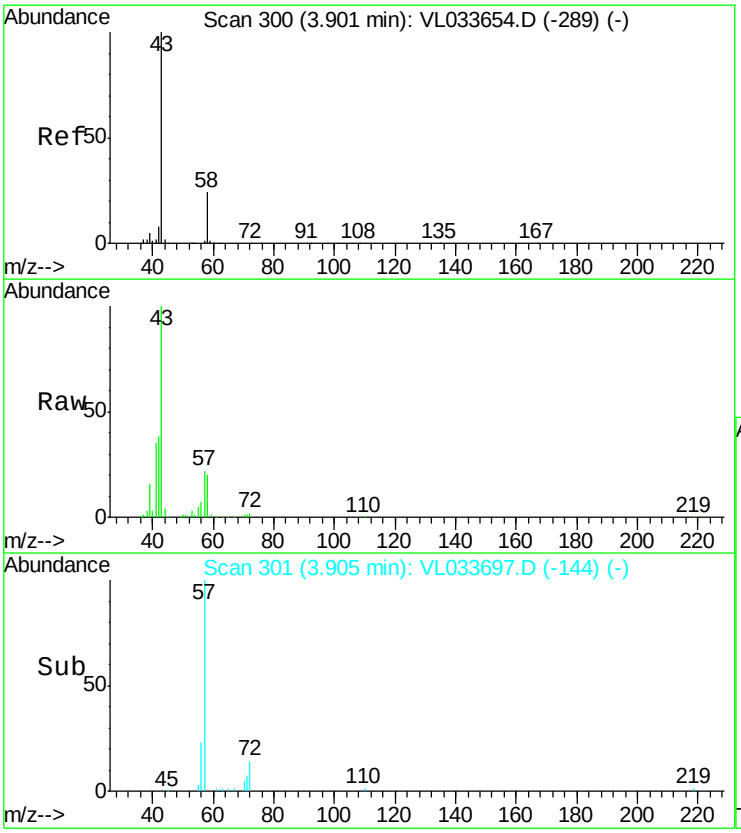
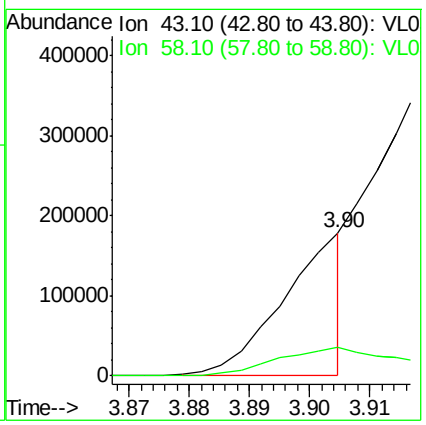
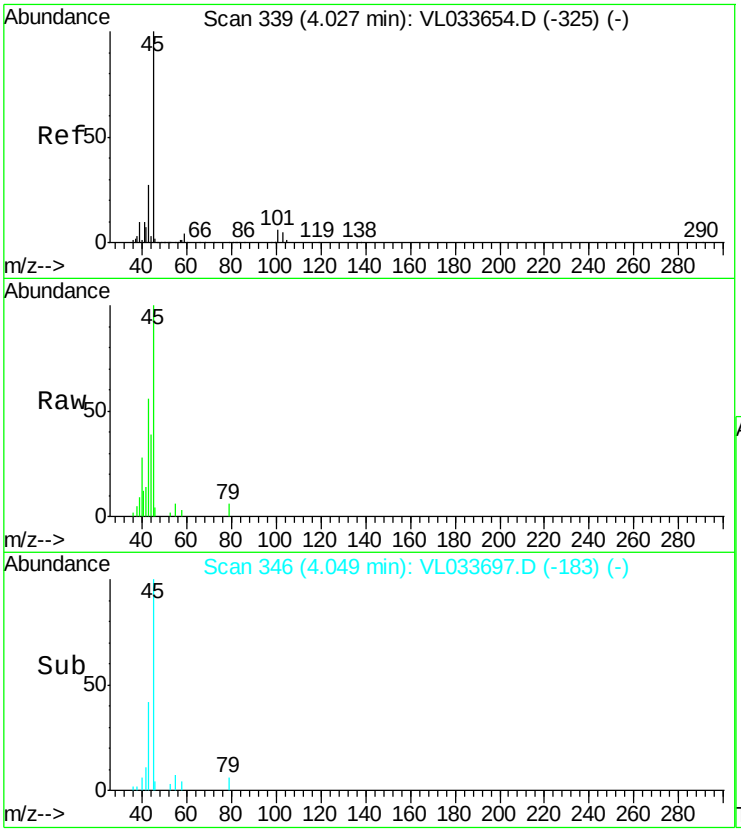


#15
Acetone
Concen: 0.907 ppbv m
RT: 3.90 min Scan# 301
Delta R.T. 0.00 min
Lab File: VL033697.D
Acq: 14 May 2019 18:54

Tgt Ion: 43 Resp: 126578

Ion	Ratio	Lower	Upper
43	100		
58	50.2	20.9	31.3#

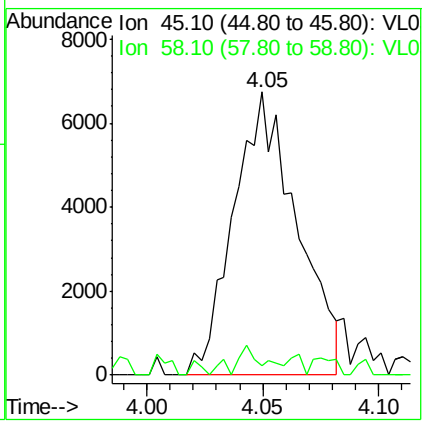




#19
Isopropyl Alcohol
Concen: 0.149 ppbv
RT: 4.05 min Scan# 346
Delta R.T. 0.02 min
Lab File: VL033697.D
Acq: 14 May 2019 18:54

Tgt Ion: 45 Resp: 12773

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#



Instrument :
MSVOA_L
ClientSampleId :
SS02DL

Manual Integrations APPROVED
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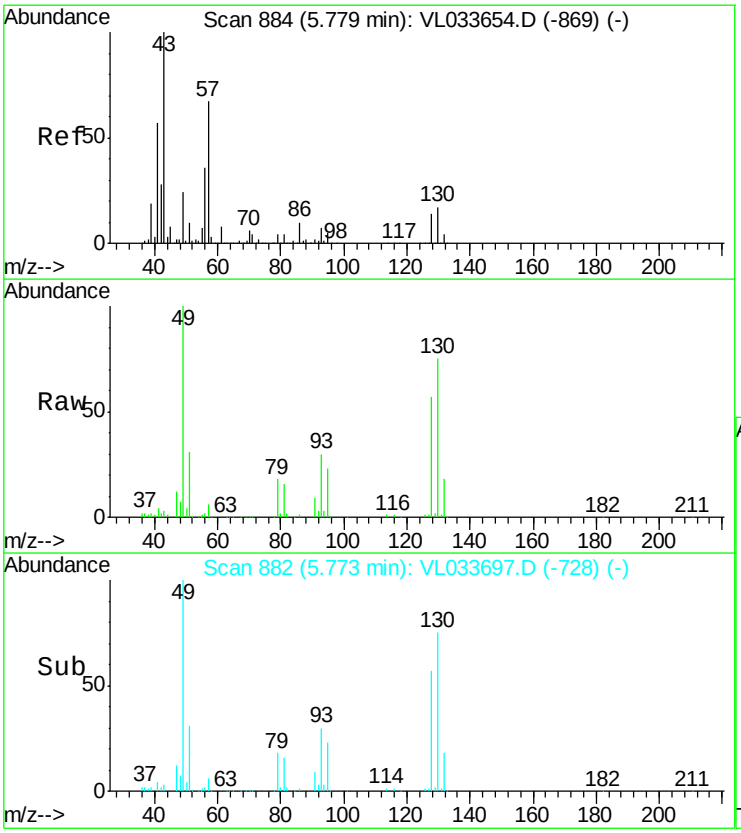
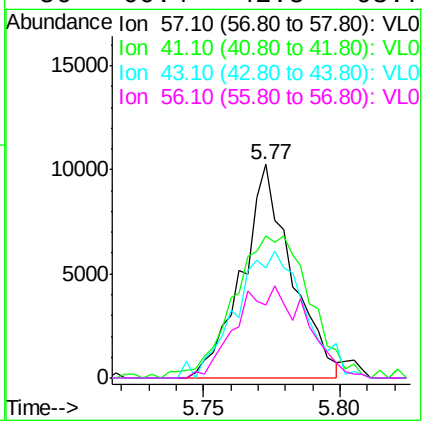
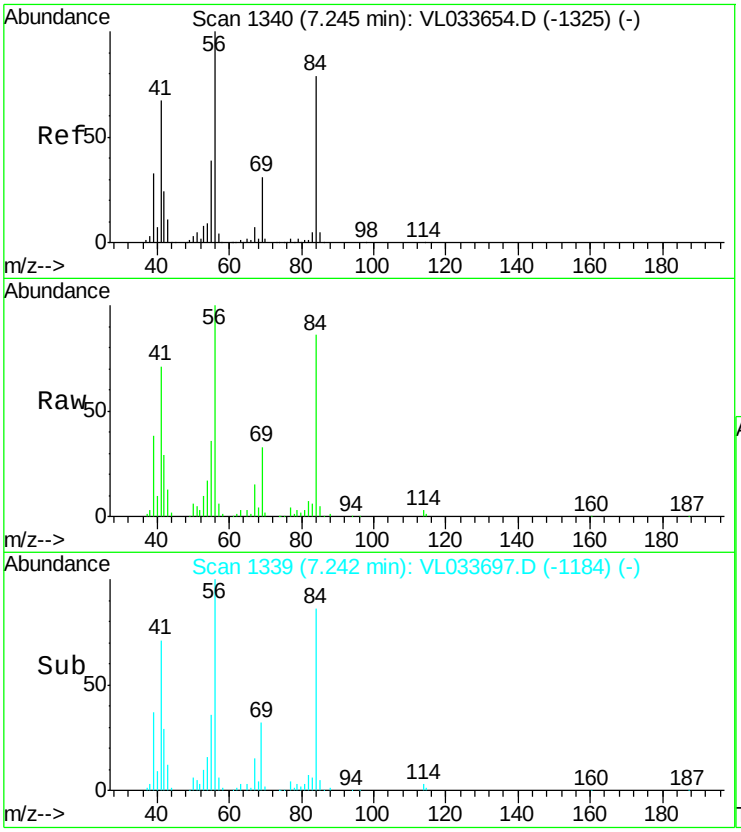


#26
Hexane
Concen: 0.133 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.01 min
Lab File: VL033697.D
Acq: 14 May 2019 18:54

Tgt Ion: 57 Resp: 12939

Ion	Ratio	Lower	Upper
57	100		
41	105.2	69.7	104.5#
43	83.5	181.9	272.9#
56	60.4	42.5	63.7

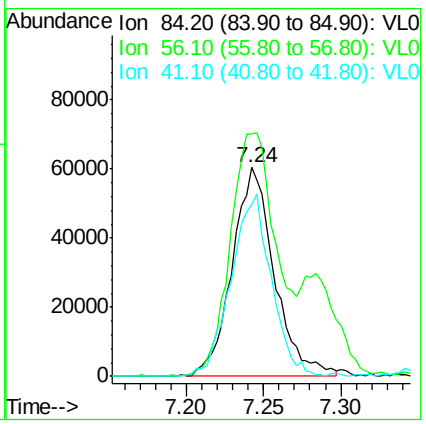




#30
Cyclohexane
Concen: 1.395 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VL033697.D
Acq: 14 May 2019 18:54

Tgt Ion: 84 Resp: 114350

Ion	Ratio	Lower	Upper
84	100		
56	170.1	107.0	160.4#
41	83.7	66.6	99.8



Instrument :
MSVOA_L
ClientSampleId :
SS02DL

Manual Integrations APPROVED
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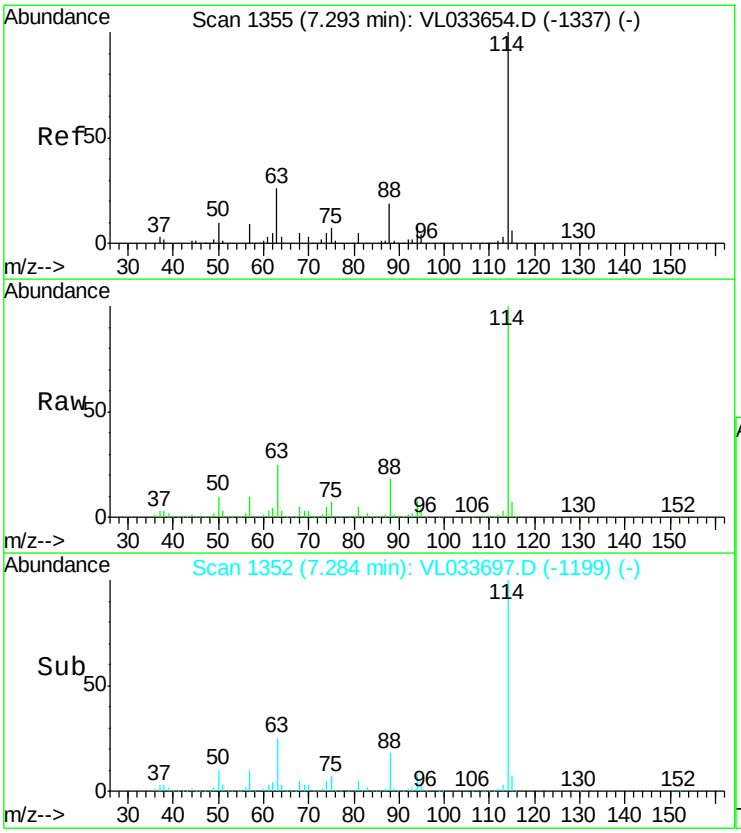
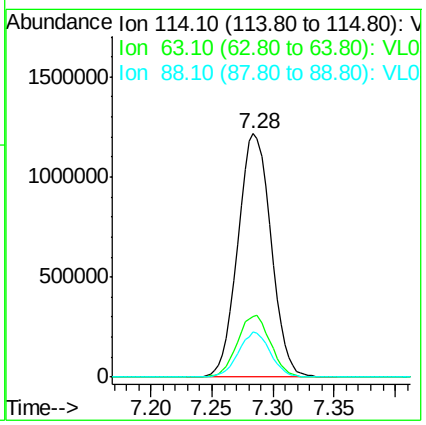
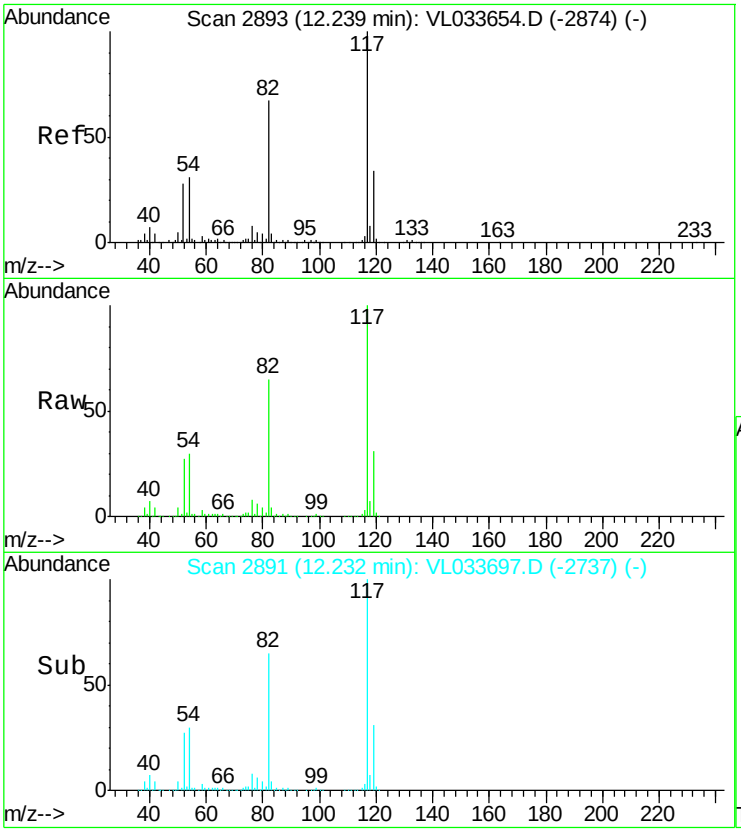


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033697.D
Acq: 14 May 2019 18:54

Tgt Ion:114 Resp: 2282940

Ion	Ratio	Lower	Upper
114	100		
63	25.4	21.3	31.9
88	17.7	14.4	21.6

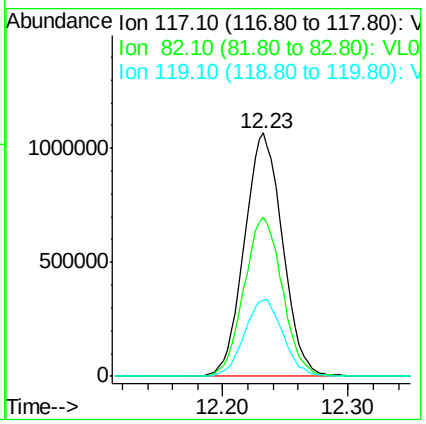




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033697.D
Acq: 14 May 2019 18:54

Tgt Ion:117 Resp: 2258858

Ion	Ratio	Lower	Upper
117	100		
82	65.7	49.7	74.5
119	32.0	24.8	37.2



Instrument :
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ClientSampleId :
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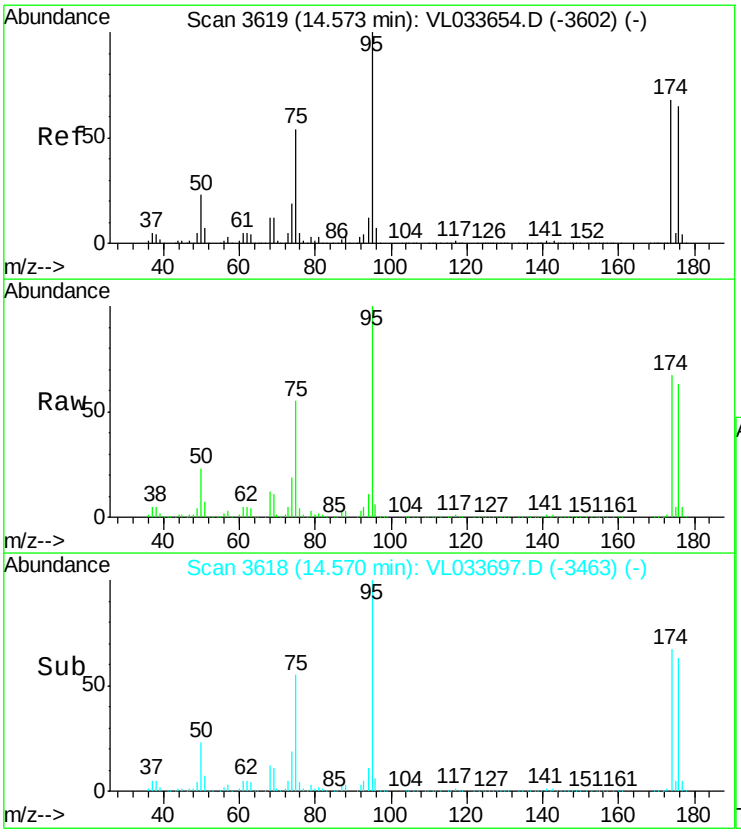

#68
1-Bromo-4-Fluorobenzene
Concen: 9.669 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.00 min
Lab File: VL033697.D
Acq: 14 May 2019 18:54

Tgt Ion: 95 Resp: 1790382

Ion	Ratio	Lower	Upper
95	100		
174	67.4	54.0	81.0
175	4.8	3.8	5.8