Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL113018\
Data File : VL032853.D
Acq On : 30 Nov 2018 17:43
Operator : SY/AP
Sample : J6132-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DSV-01DL

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Quant Time: Dec 03 14:52:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 1
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1502616	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3782804	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3624651	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2780746	10.26	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.60%			
Target Compounds						Qvalue
4) Chloromethane	3.17	50	11828	0.179	ppbv #	82
9) Propene	3.04	41	1191823	25.000	ppbv	90
13) Ethanol	3.66	45	62910m	4.029	ppbv	
15) Acetone	3.91	43	269170m	1.962	ppbv	
26) Hexane	5.79	57	145564	1.022	ppbv #	41
27) Carbon Disulfide	4.62	76	892037	4.941	ppbv	97
30) Cyclohexane	7.26	84	40866	0.328	ppbv #	21
34) 2-Butanone	5.34	43	240915	1.228	ppbv	100
36) Benzene	7.01	78	193016	0.641	ppbv	97
53) Toluene	9.95	91	237549	0.756	ppbv	99
59) m/p-Xylene	13.13	91	108232m	0.279	ppbv	

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

Quantitation Report (QT Reviewed)

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Instrument :
MSVOA_L
ClientSampleId :
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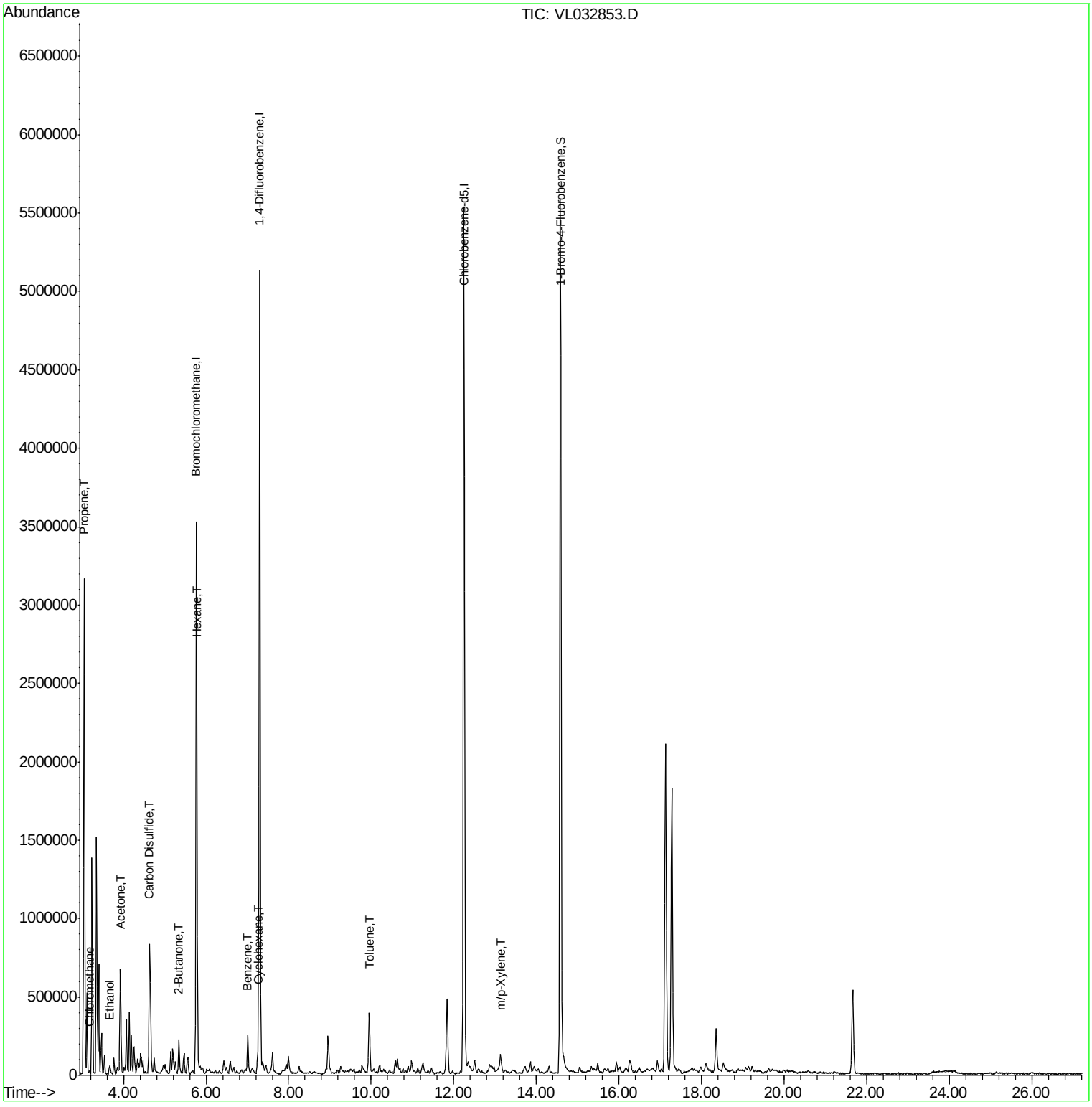
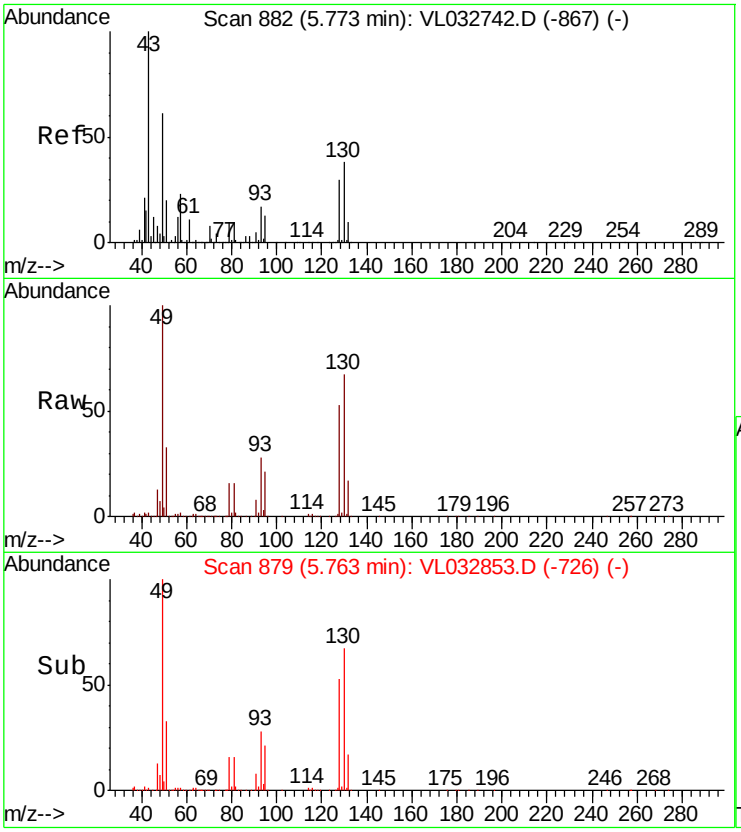
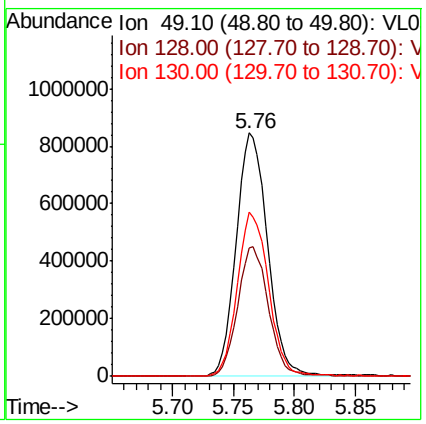




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 49 Resp: 1502616

Ion	Ratio	Lower	Upper
49	100		
128	52.8	24.9	74.6
130	67.6	31.4	94.2



Instrument :
MSVOA_L
ClientSampleId :
DSV-01DL

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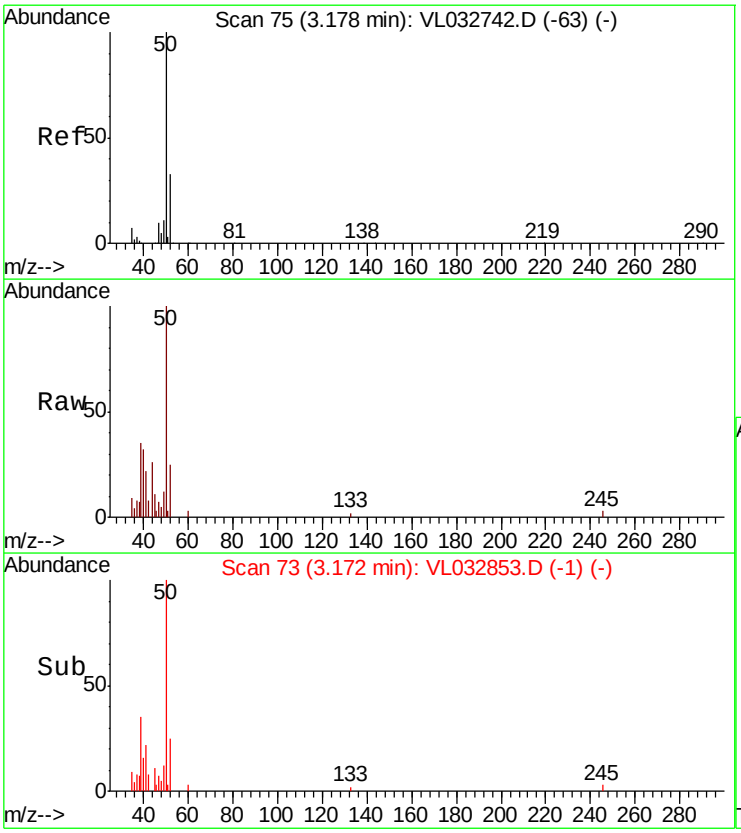
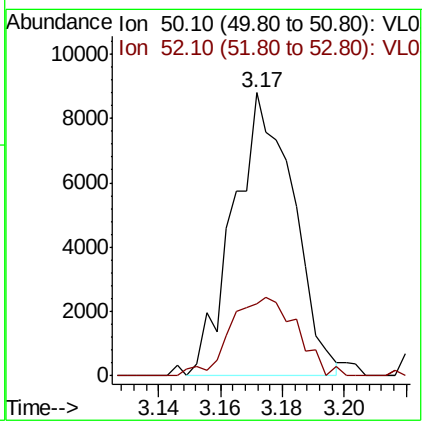
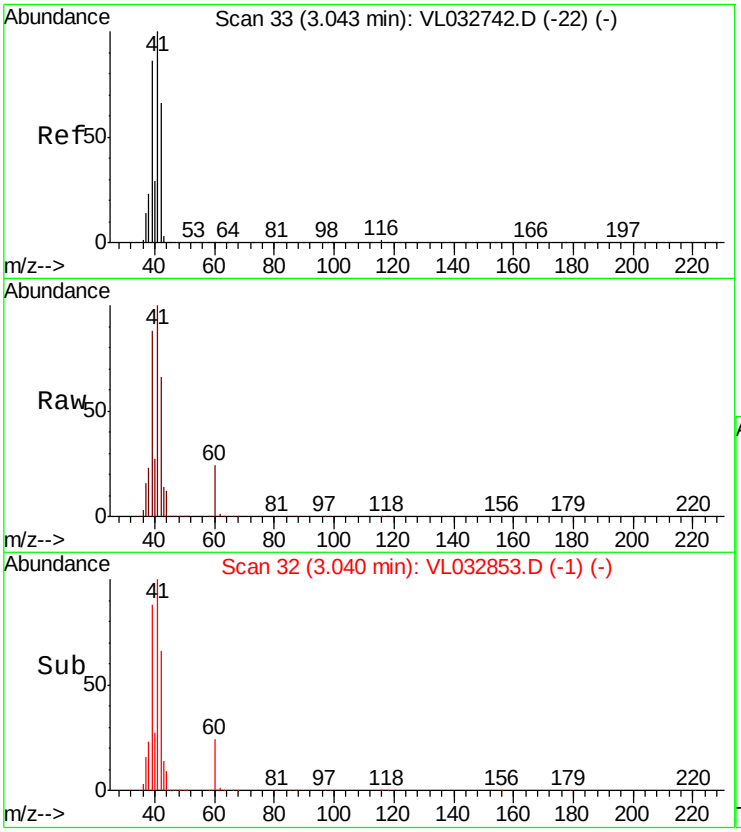


#4
Chloromethane
Concen: 0.179 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.01 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 50 Resp: 11828

Ion	Ratio	Lower	Upper
50	100		
52	23.1	26.6	40.0#

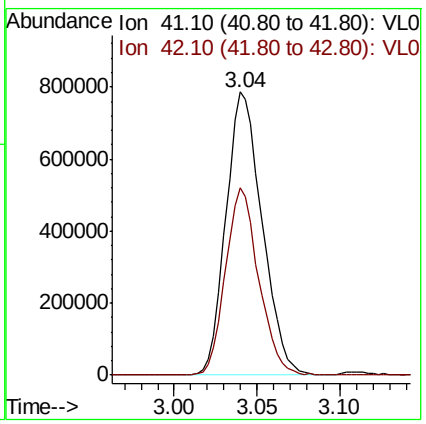




#9
Propene
Concen: 25.000 ppbv
RT: 3.04 min Scan# 32
Delta R.T. -0.00 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 41 Resp: 1191823

Ion	Ratio	Lower	Upper
41	100		
42	60.9	55.0	82.6



Instrument :
MSVOA_L
ClientSampleId :
DSV-01DL

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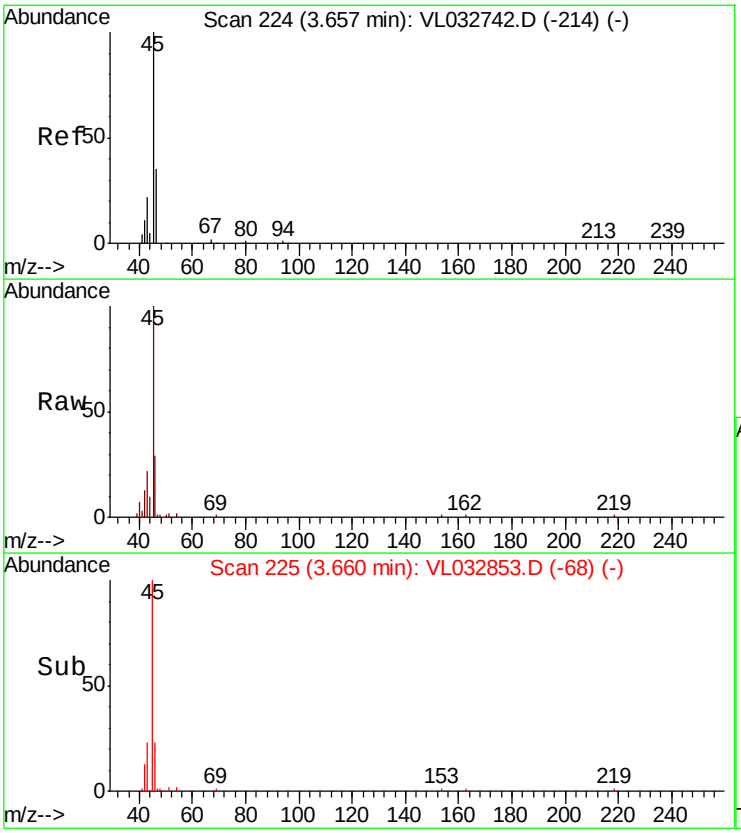
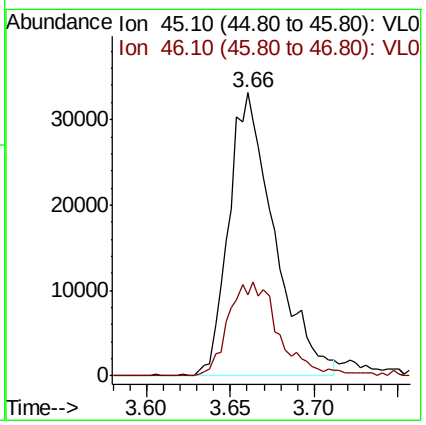
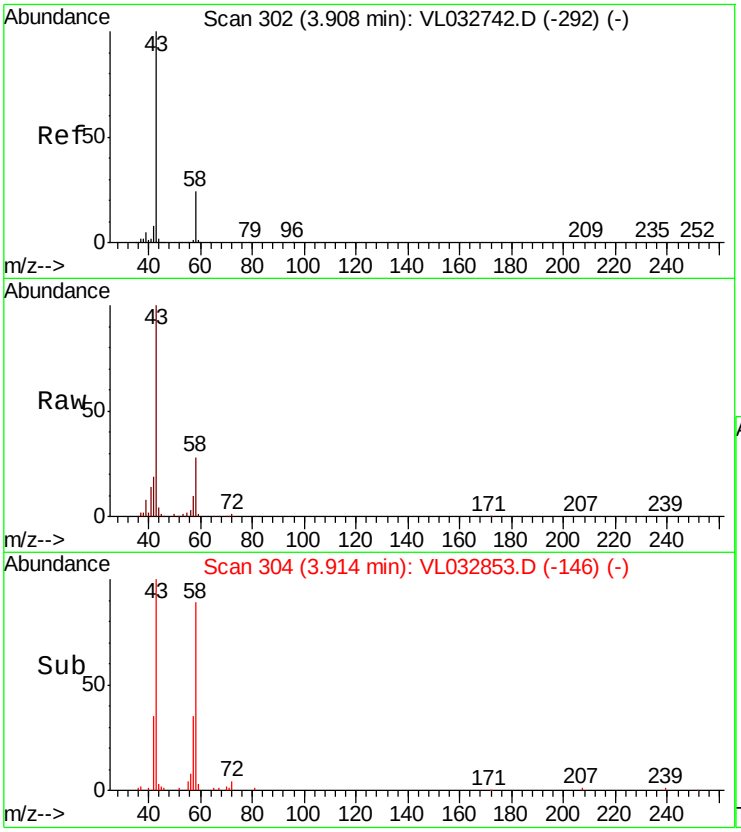


#13
Ethanol
Concen: 4.029 ppbv m
RT: 3.66 min Scan# 225
Delta R.T. 0.00 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 45 Resp: 62910

Ion	Ratio	Lower	Upper
45	100		
46	36.7	14.5	57.9





#15
Acetone
Concen: 1.962 ppbv m
RT: 3.91 min Scan# 304
Delta R.T. 0.01 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 43 Resp: 269170

Ion	Ratio	Lower	Upper
43	100		
58	50.1	21.1	31.7#

Instrument :
MSVOA_L
ClientSampleId :
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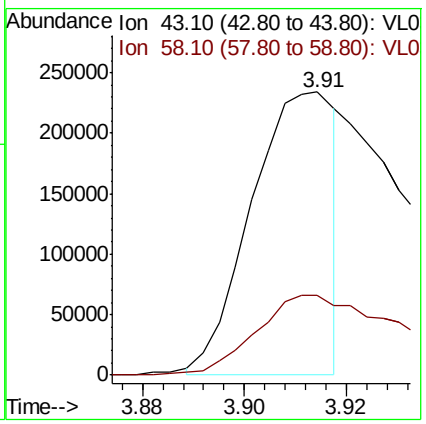
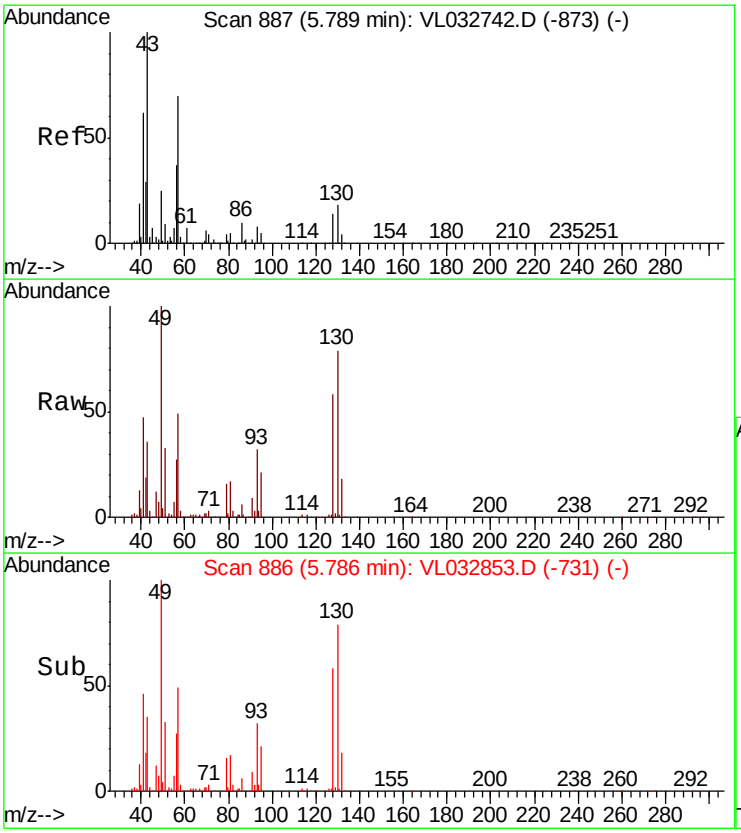
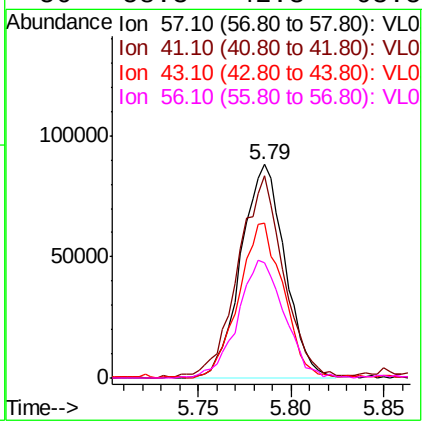


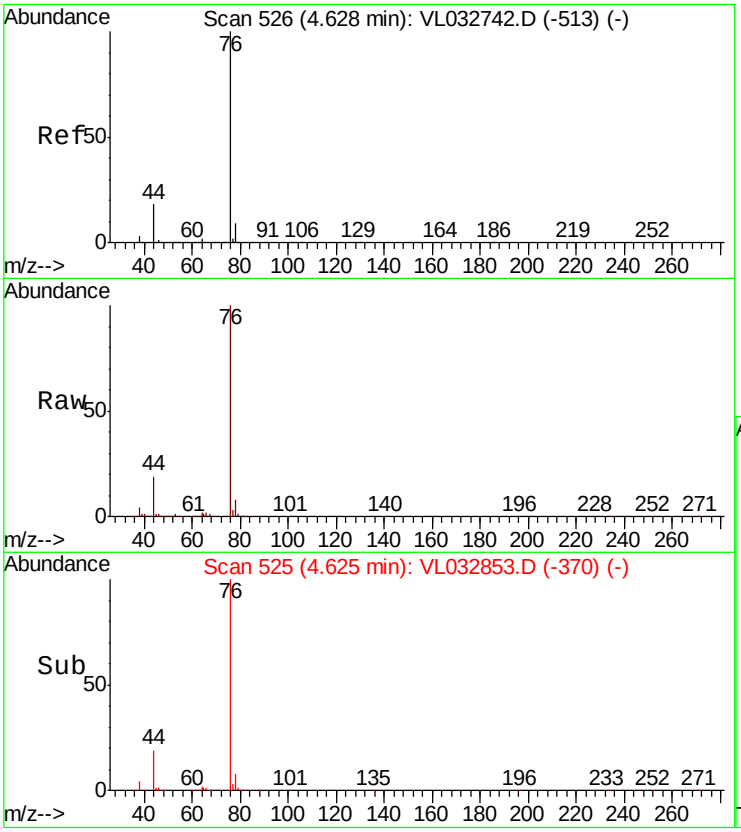


#26
Hexane
Concen: 1.022 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 57 Resp: 145564

Ion	Ratio	Lower	Upper
57	100		
41	99.0	70.3	105.5
43	71.8	174.0	261.0#
56	58.3	42.3	63.5

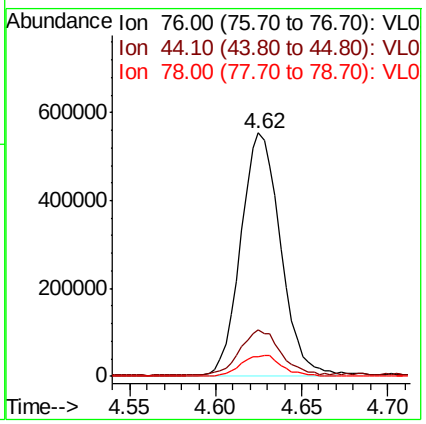




#27
Carbon Disulfide
Concen: 4.941 ppbv
RT: 4.62 min Scan# 525
Delta R.T. -0.00 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 76 Resp: 892037

Ion	Ratio	Lower	Upper
76	100		
44	19.7	14.4	21.6
78	9.0	7.7	11.5



Instrument :
MSVOA_L
ClientSampleId :
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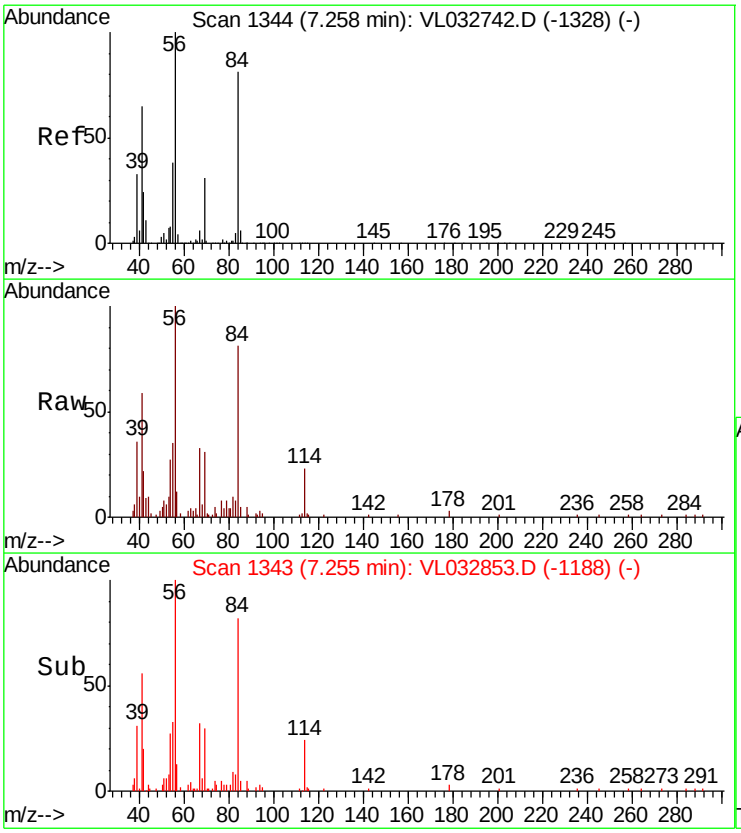
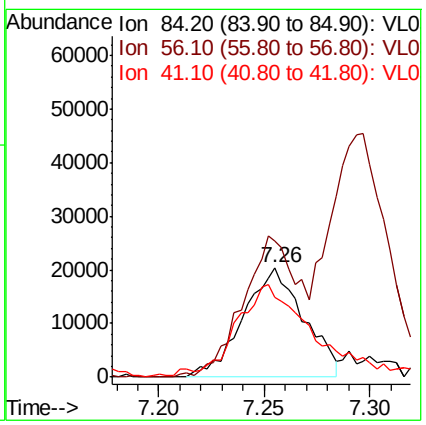
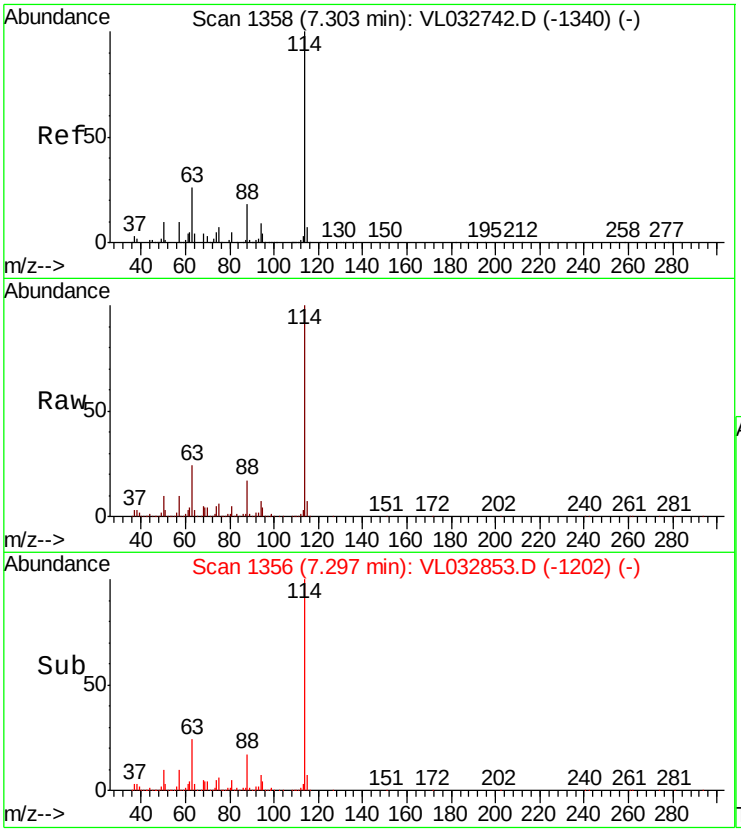


#30
Cyclohexane
Concen: 0.328 ppbv
RT: 7.26 min Scan# 1343
Delta R.T. -0.00 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 84 Resp: 40866

Ion	Ratio	Lower	Upper
84	100		
56	0.0	105.0	157.4#
41	104.3	65.3	97.9#

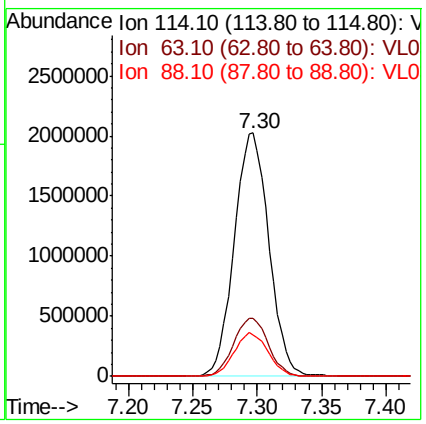




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion:114 Resp: 3782804

Ion	Ratio	Lower	Upper
114	100		
63	24.1	20.9	31.3
88	17.5	14.4	21.6



Instrument :
MSVOA_L
ClientSampleId :
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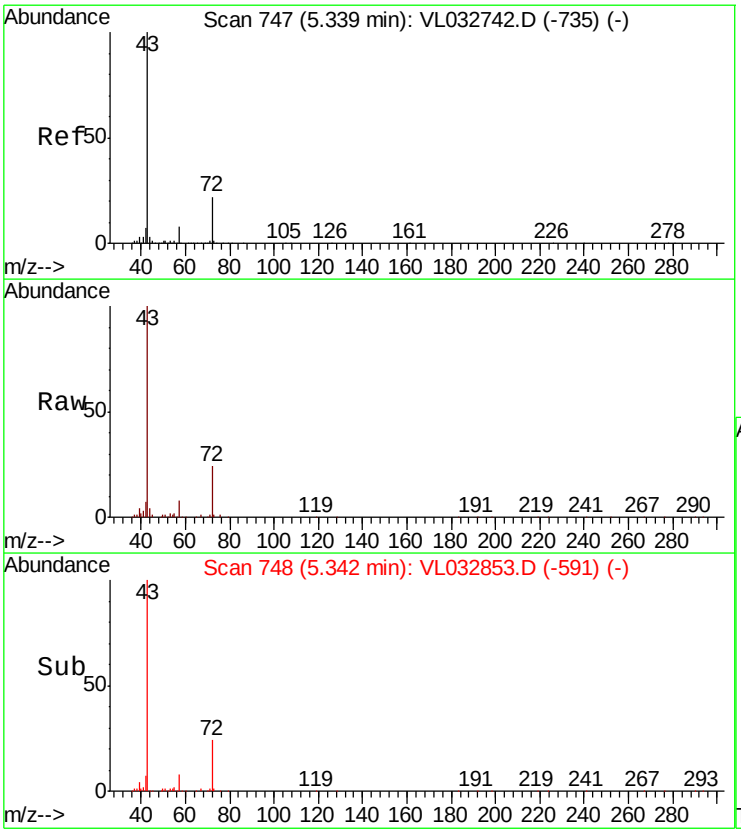
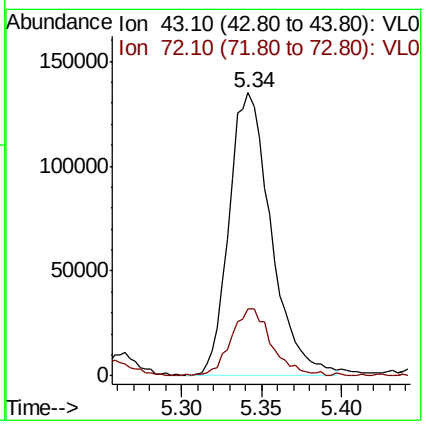
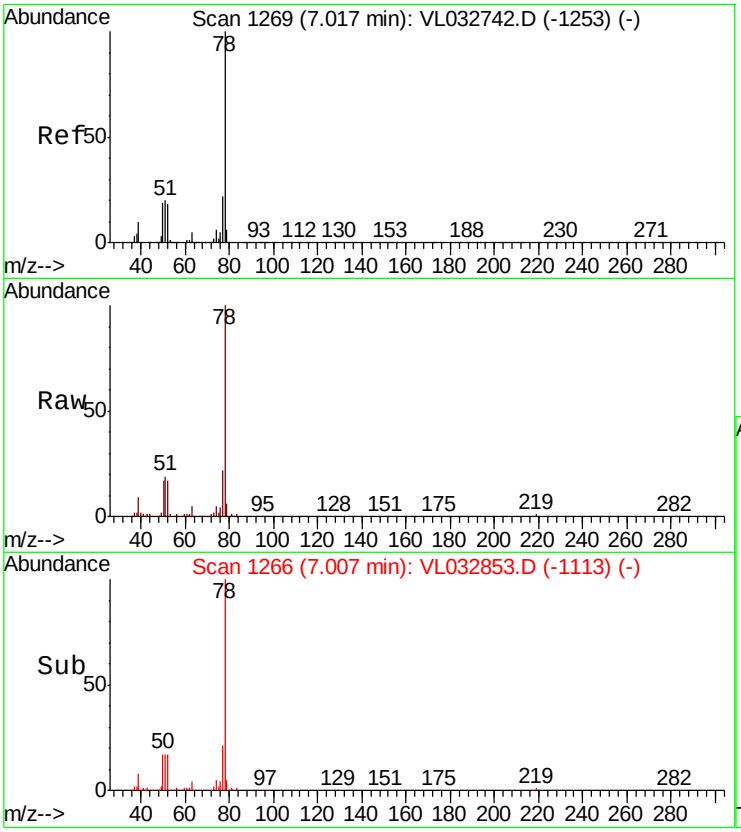


#34
2-Butanone
Concen: 1.228 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.00 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 43 Resp: 240915

Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.4	27.6

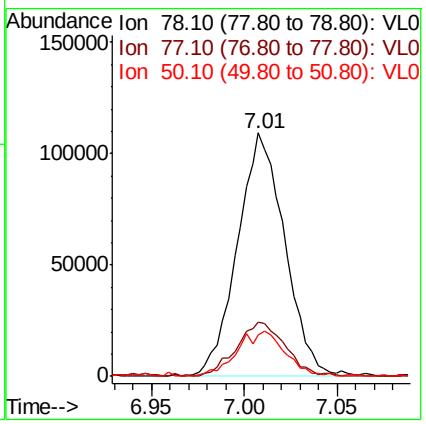




#36
Benzene
Concen: 0.641 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 78 Resp: 193016

Ion	Ratio	Lower	Upper
78	100		
77	21.9	17.8	26.8
50	16.6	15.4	23.0



Instrument :
MSVOA_L
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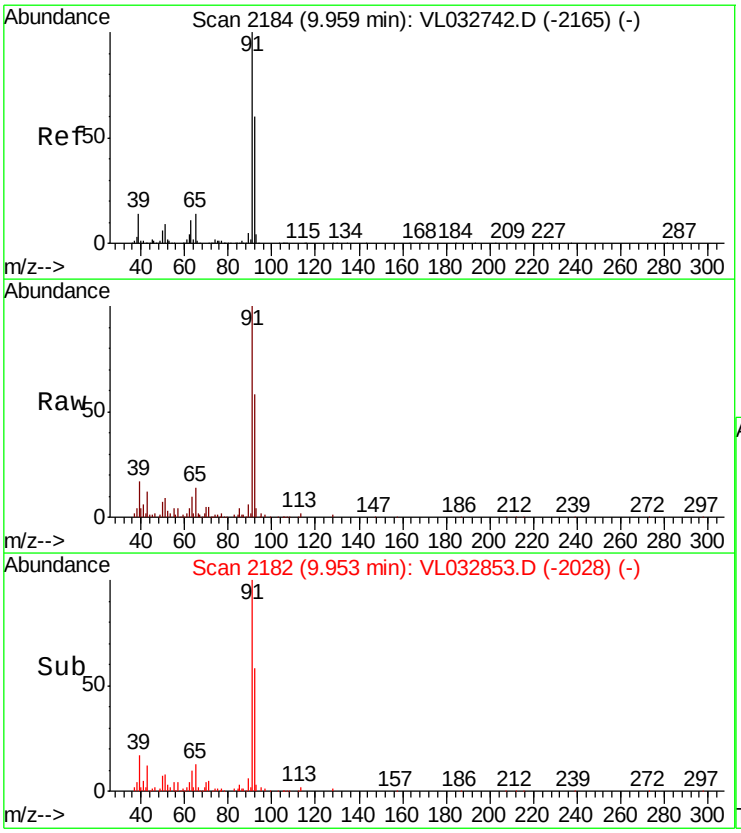
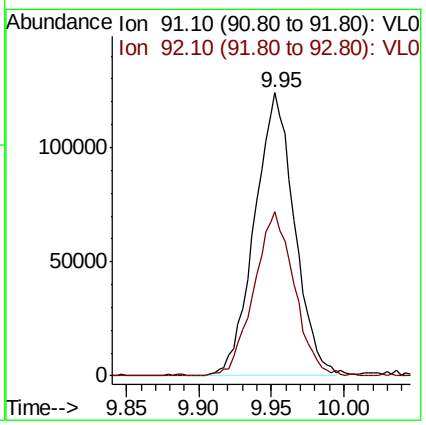
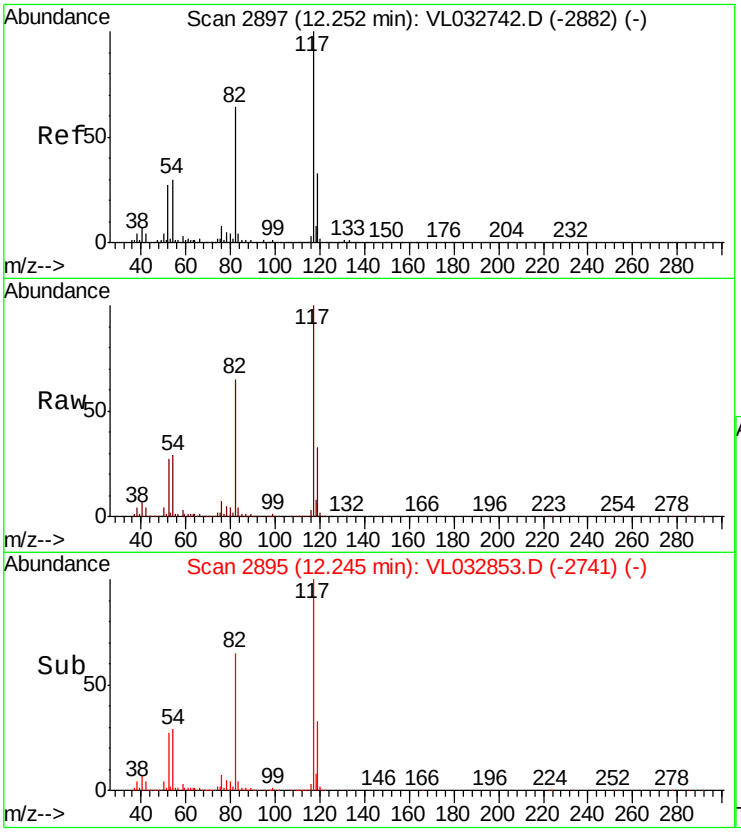


#53
Toluene
Concen: 0.756 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.01 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 91 Resp: 237549

Ion	Ratio	Lower	Upper
91	100		
92	58.9	47.9	71.9

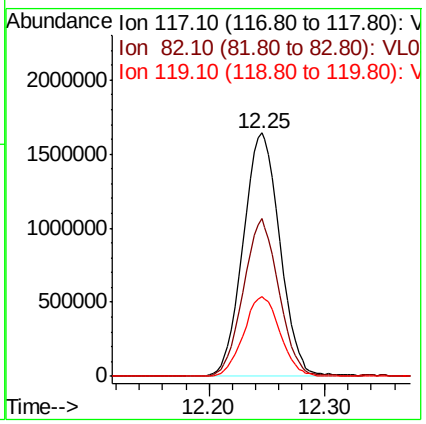




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion:117 Resp: 3624651

Ion	Ratio	Lower	Upper
117	100		
82	62.8	51.0	76.6
119	32.7	28.0	42.0



Instrument :
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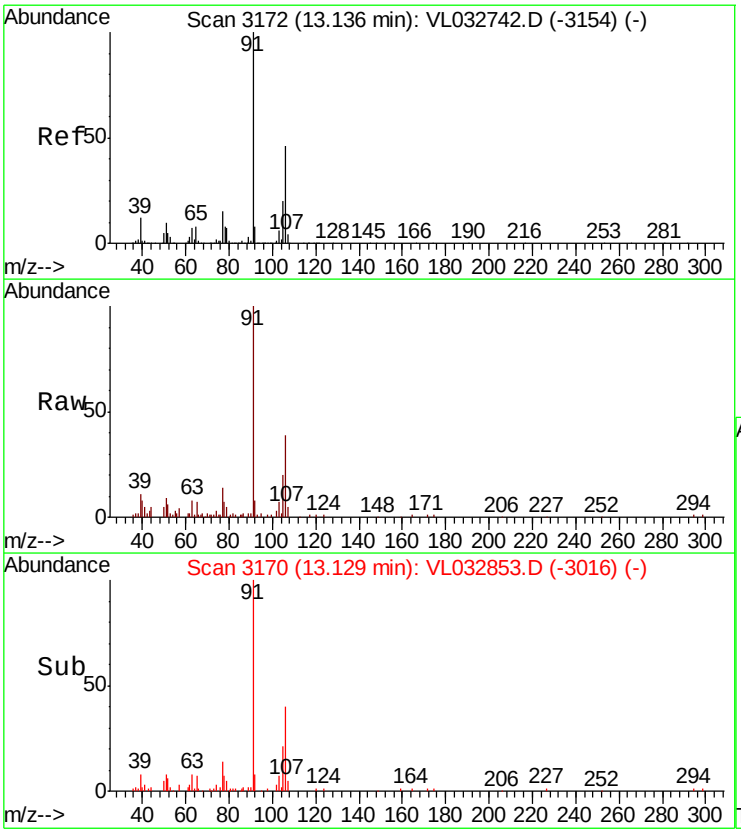
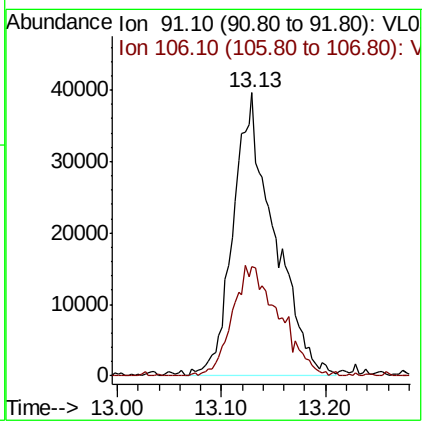
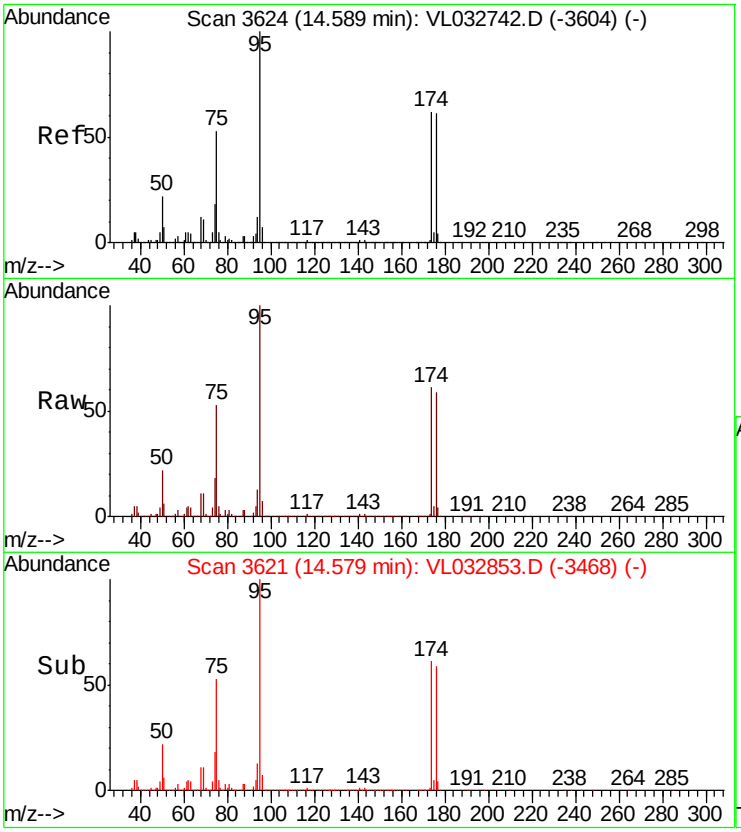


#59
m/p-Xylene
Concen: 0.279 ppbv m
RT: 13.13 min Scan# 3170
Delta R.T. -0.01 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 91 Resp: 108232

Ion	Ratio	Lower	Upper
91	100		
106	44.2	36.1	54.1

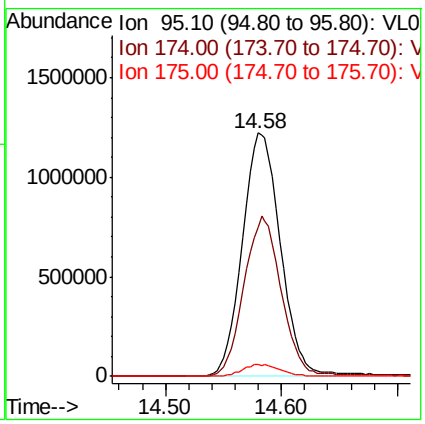




#68
1-Bromo-4-Fluorobenzene
Concen: 10.257 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032853.D
Acq: 30 Nov 2018 17:43

Tgt Ion: 95 Resp: 2780746

Ion	Ratio	Lower	Upper
95	100		
174	64.7	50.7	76.1
175	5.0	3.8	5.6



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