Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121719\
Data File : VL034498.D
Acq On : 17 Dec 2019 18:33
Operator : SY/AP
Sample : K6319-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LIHA-IAHDL

Manual Integrations APPROVED
MMDadoda
12/19/2019 3:47:14 PM

Quant Time: Dec 18 05:18:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 1
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	963037	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1927958	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1903869	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1628062	10.16	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.60%			
Target Compounds						Qvalue
9) Propene	3.00	41	12049	0.226	ppbv #	78
13) Ethanol	3.58	45	792394	53.324	ppbv	95
15) Acetone	3.84	43	110470	0.801	ppbv	97
19) Isopropyl Alcohol	3.96	45	17692m	0.200	ppbv	
20) Methylene Chloride	4.34	84	27397	0.560	ppbv	87

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

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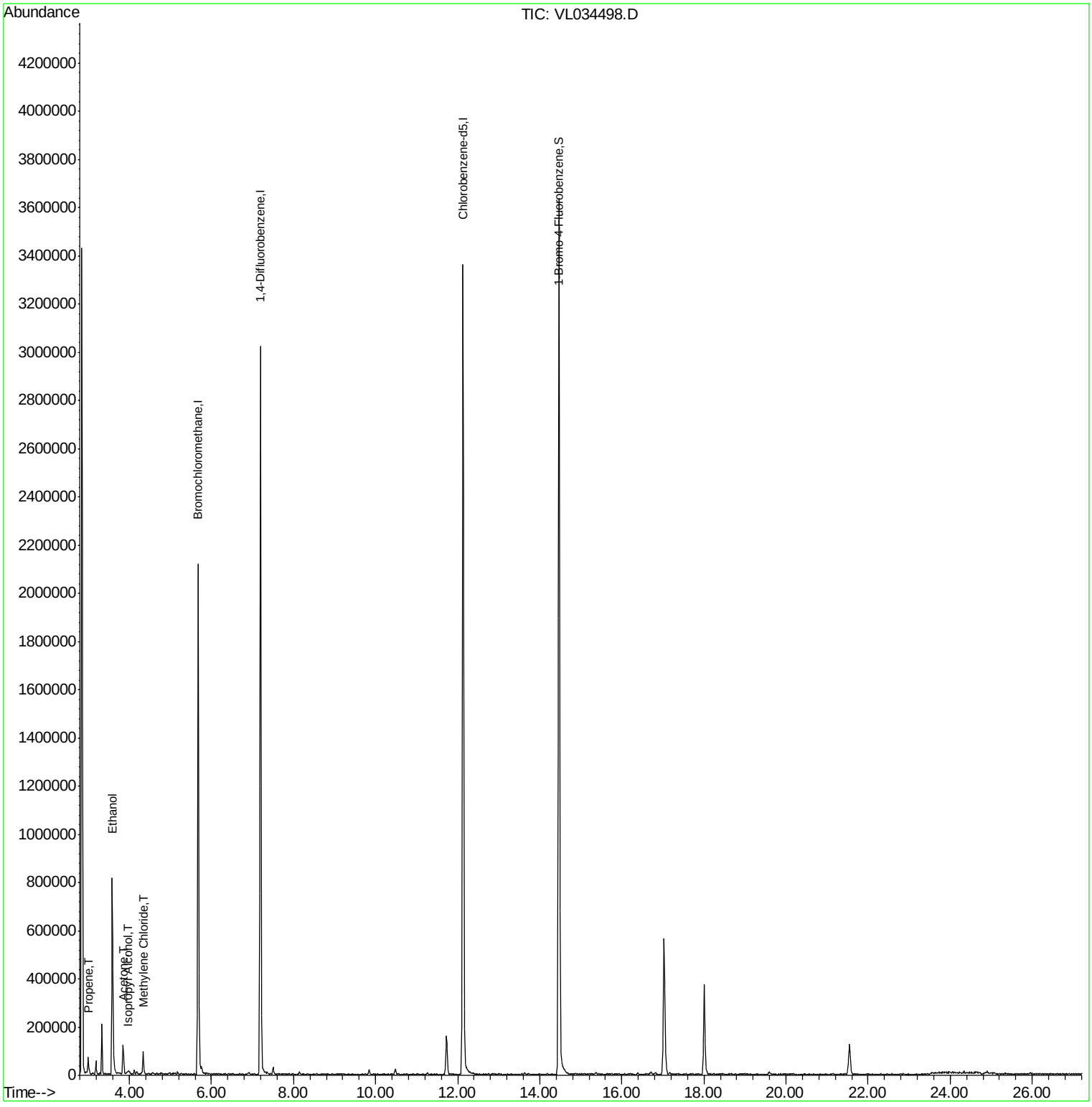
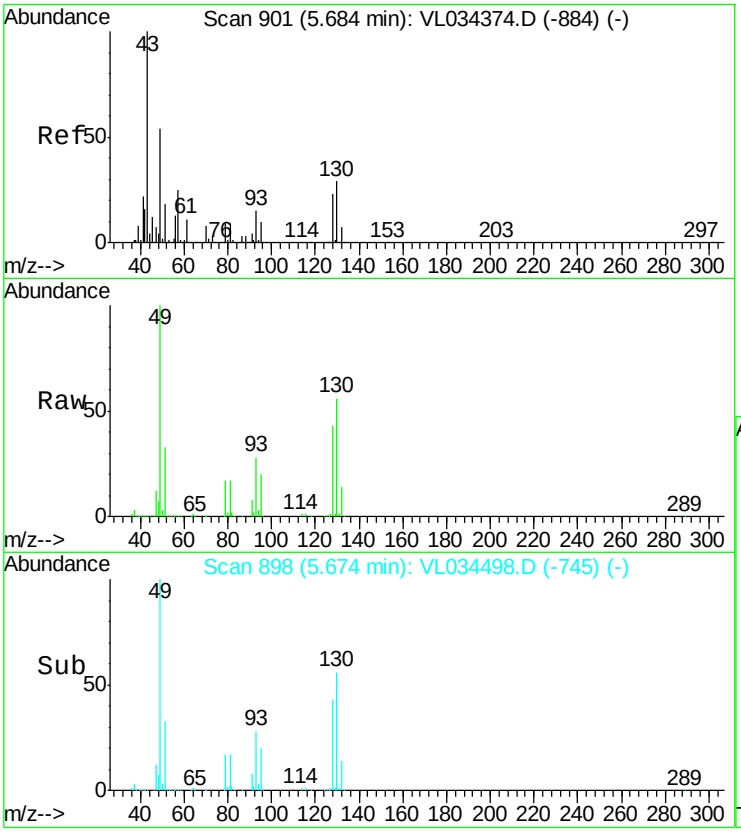
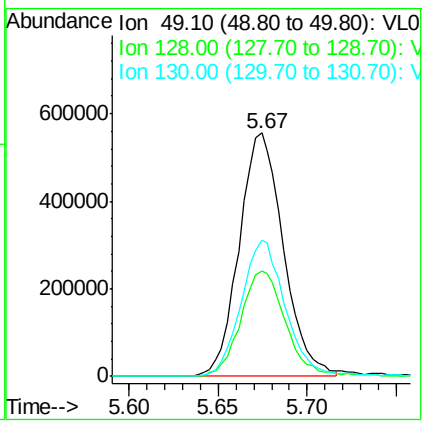




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL034498.D
Acq: 17 Dec 2019 18:33

Tgt Ion: 49 Resp: 963037

Ion	Ratio	Lower	Upper
49	100		
128	44.6	21.8	65.3
130	56.4	28.0	84.0



Instrument :
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Manual Integrations APPROVED
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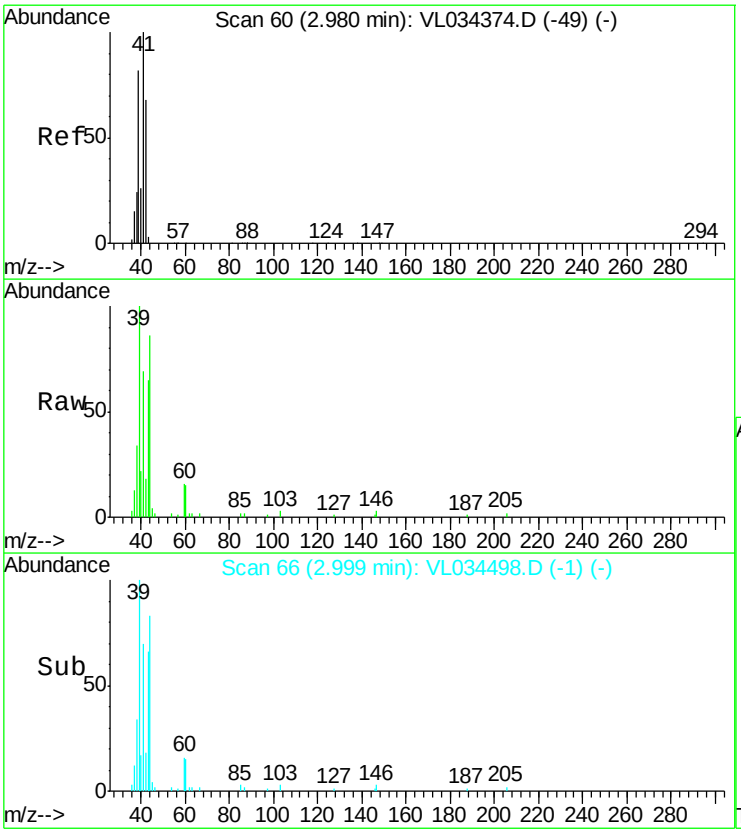
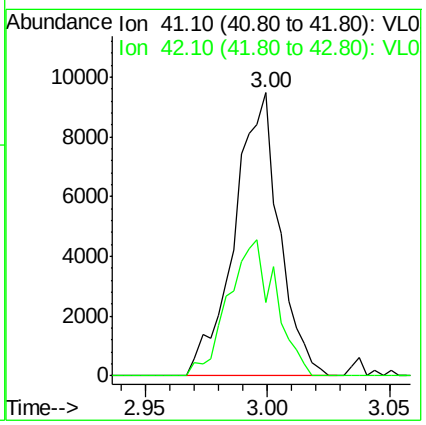
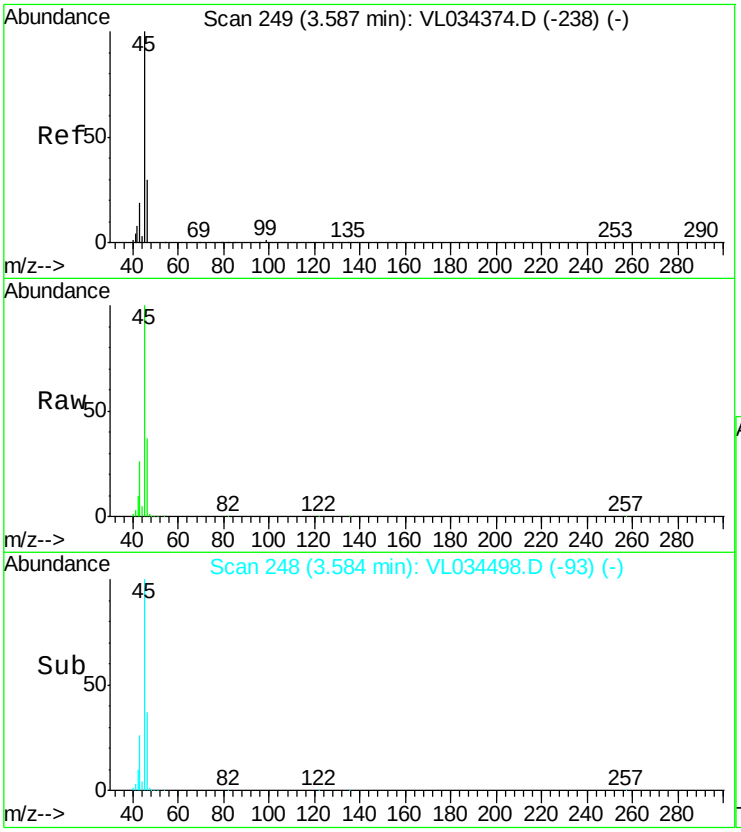


#9
Propene
Concen: 0.226 ppbv
RT: 3.00 min Scan# 66
Delta R.T. 0.02 min
Lab File: VL034498.D
Acq: 17 Dec 2019 18:33

Tgt Ion: 41 Resp: 12049

Ion	Ratio	Lower	Upper
41	100		
42	50.9	54.6	82.0#

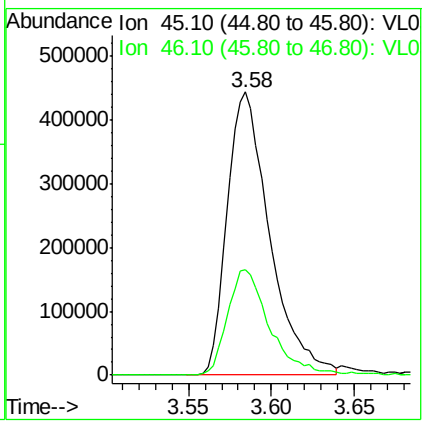




#13
Ethanol
Concen: 53.324 ppbv
RT: 3.58 min Scan# 248
Delta R.T. -0.00 min
Lab File: VL034498.D
Acq: 17 Dec 2019 18:33

Tgt Ion: 45 Resp: 792394

Ion	Ratio	Lower	Upper
45	100		
46	37.5	13.8	55.4



Instrument :
MSVOA_L
ClientSampleId :
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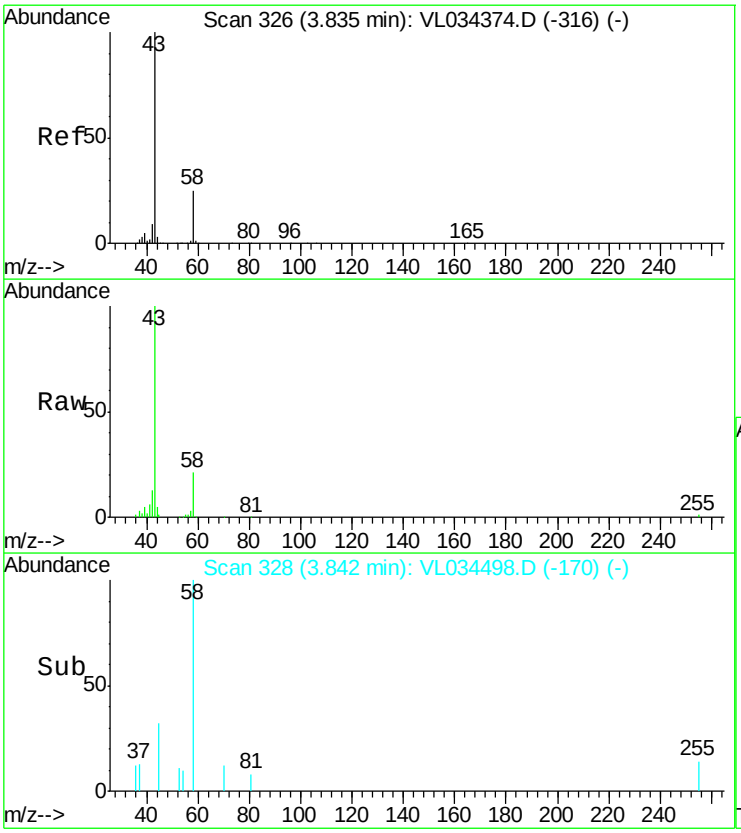
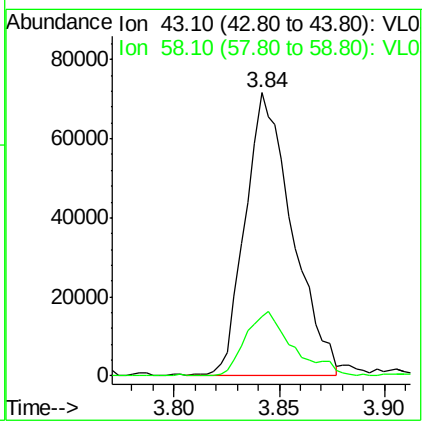
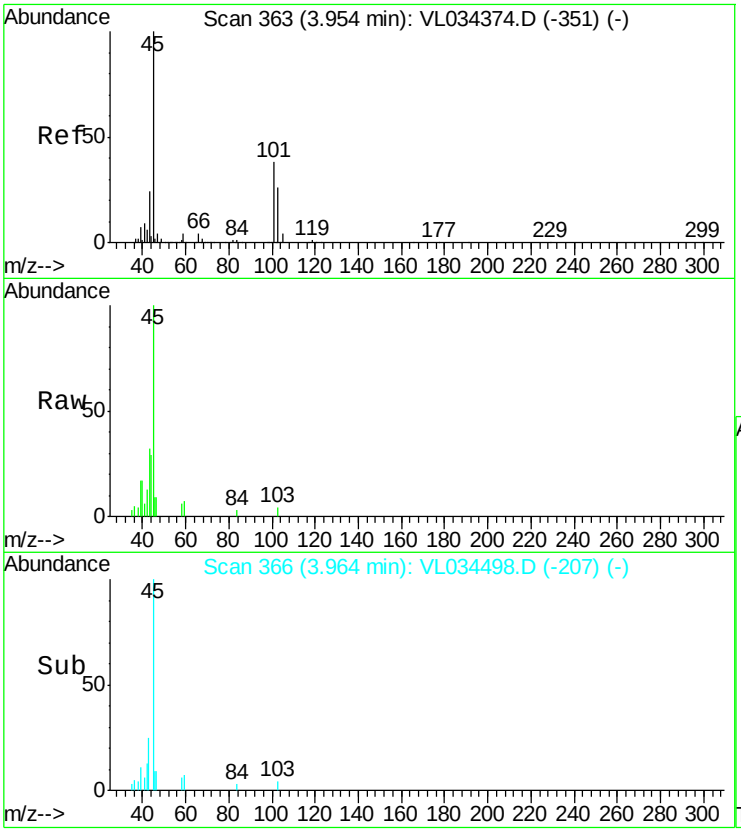


#15
Acetone
Concen: 0.801 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.01 min
Lab File: VL034498.D
Acq: 17 Dec 2019 18:33

Tgt Ion: 43 Resp: 110470

Ion	Ratio	Lower	Upper
43	100		
58	23.7	20.2	30.4

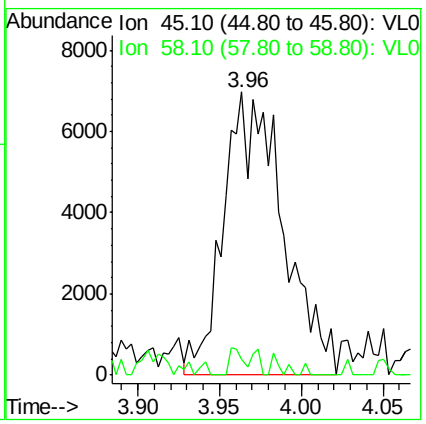




#19
Isopropyl Alcohol
Concen: 0.200 ppbv m
RT: 3.96 min Scan# 366
Delta R.T. 0.01 min
Lab File: VL034498.D
Acq: 17 Dec 2019 18:33

Tgt Ion: 45 Resp: 17692

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.3	1.9#



Instrument :
MSVOA_L
ClientSampleId :
LIHA-IAHDL

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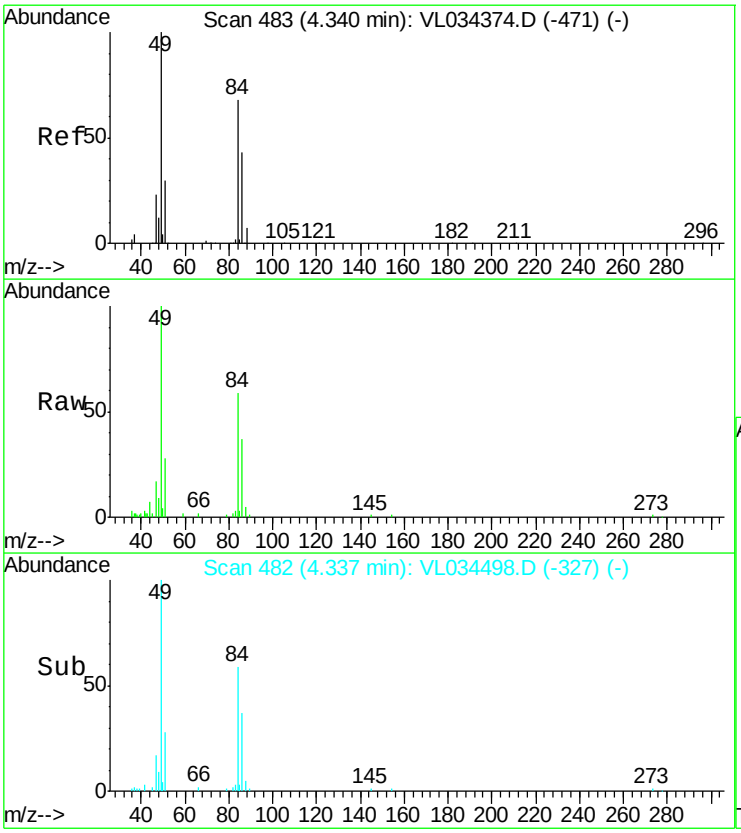
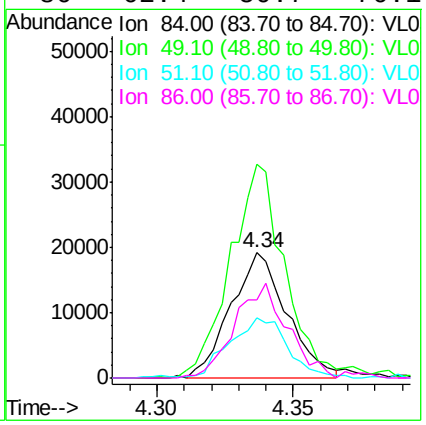
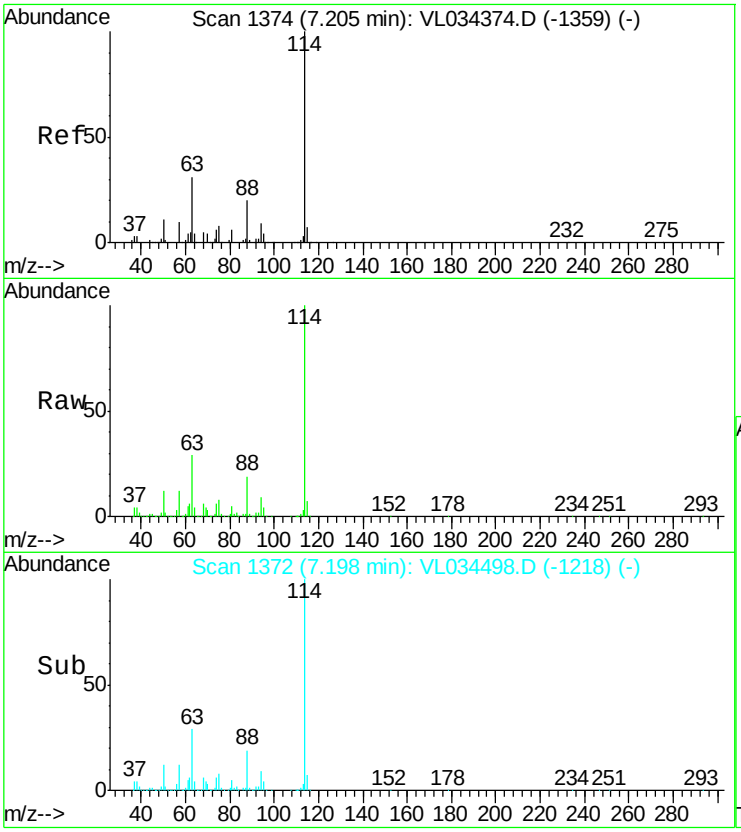


#20
Methylene Chloride
Concen: 0.560 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL034498.D
Acq: 17 Dec 2019 18:33

Tgt Ion: 84 Resp: 27397

Ion	Ratio	Lower	Upper
84	100		
49	171.7	116.8	175.2
51	46.5	35.6	53.4
86	62.4	50.7	76.1

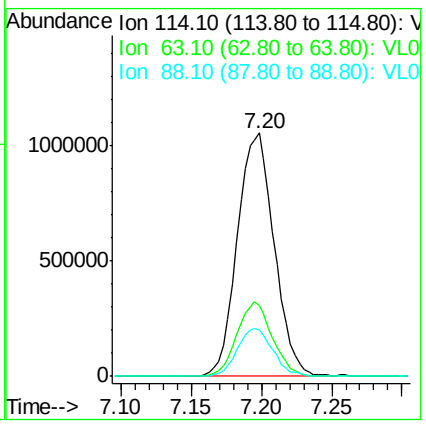




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.01 min
Lab File: VL034498.D
Acq: 17 Dec 2019 18:33

Tgt Ion:114 Resp: 1927958

Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.2	36.4
88	19.2	15.9	23.9



Instrument :
MSVOA_L
ClientSampleId :
LIHA-IAHDL

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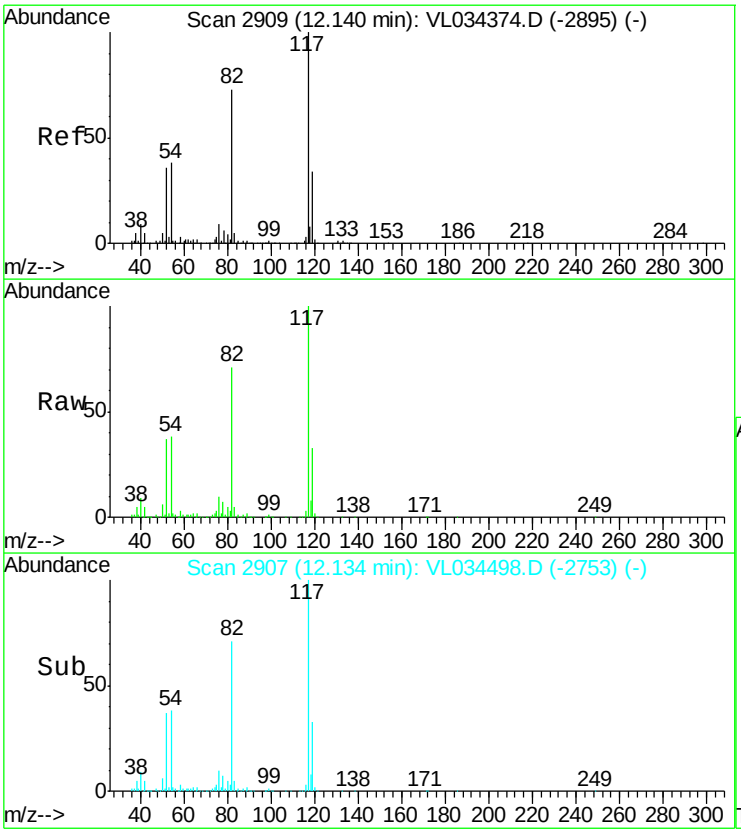
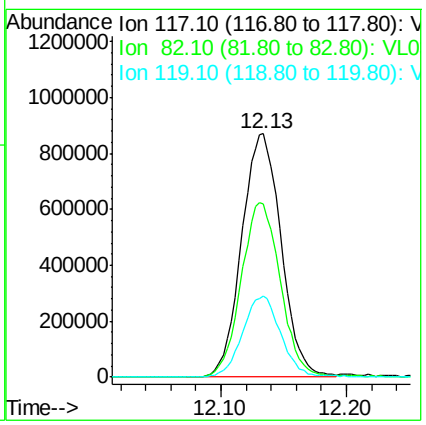
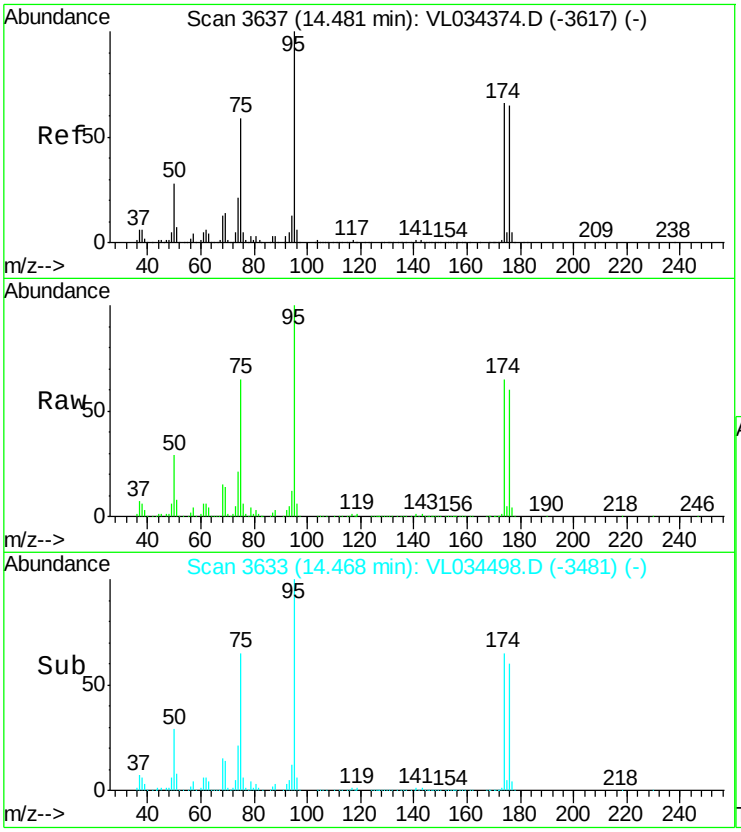


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL034498.D
Acq: 17 Dec 2019 18:33

Tgt Ion:117 Resp: 1903869

Ion	Ratio	Lower	Upper
117	100		
82	72.2	57.5	86.3
119	32.5	25.4	38.2

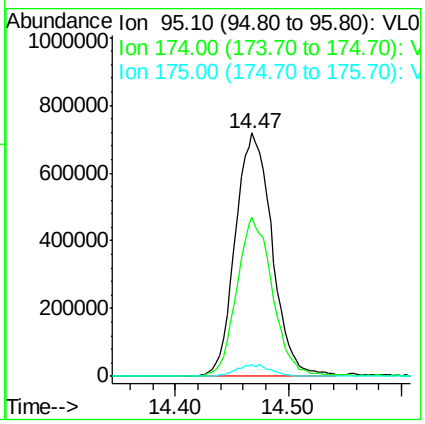




#68
1-Bromo-4-Fluorobenzene
Concen: 10.165 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. -0.01 min
Lab File: VL034498.D
Acq: 17 Dec 2019 18:33

Tgt Ion: 95 Resp: 1628062

Ion	Ratio	Lower	Upper
95	100		
174	64.3	52.2	78.2
175	4.6	3.8	5.8



Instrument :
MSVOA_L
ClientSampleId :
LIHA-IAHDL

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