Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037822.D
Acq On : 8 Oct 2021 8:24
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Oct 08 11:40:00 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 0
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1345931	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3869485	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3260581	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2324855	10.20	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%			
Target Compounds						Qvalue
9) Propene	3.02	41	12592m	0.132	ppbv	
15) Acetone	3.87	43	16946m	0.140	ppbv	
20) Methylene Chloride	4.34	84	17342m	0.284	ppbv	

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

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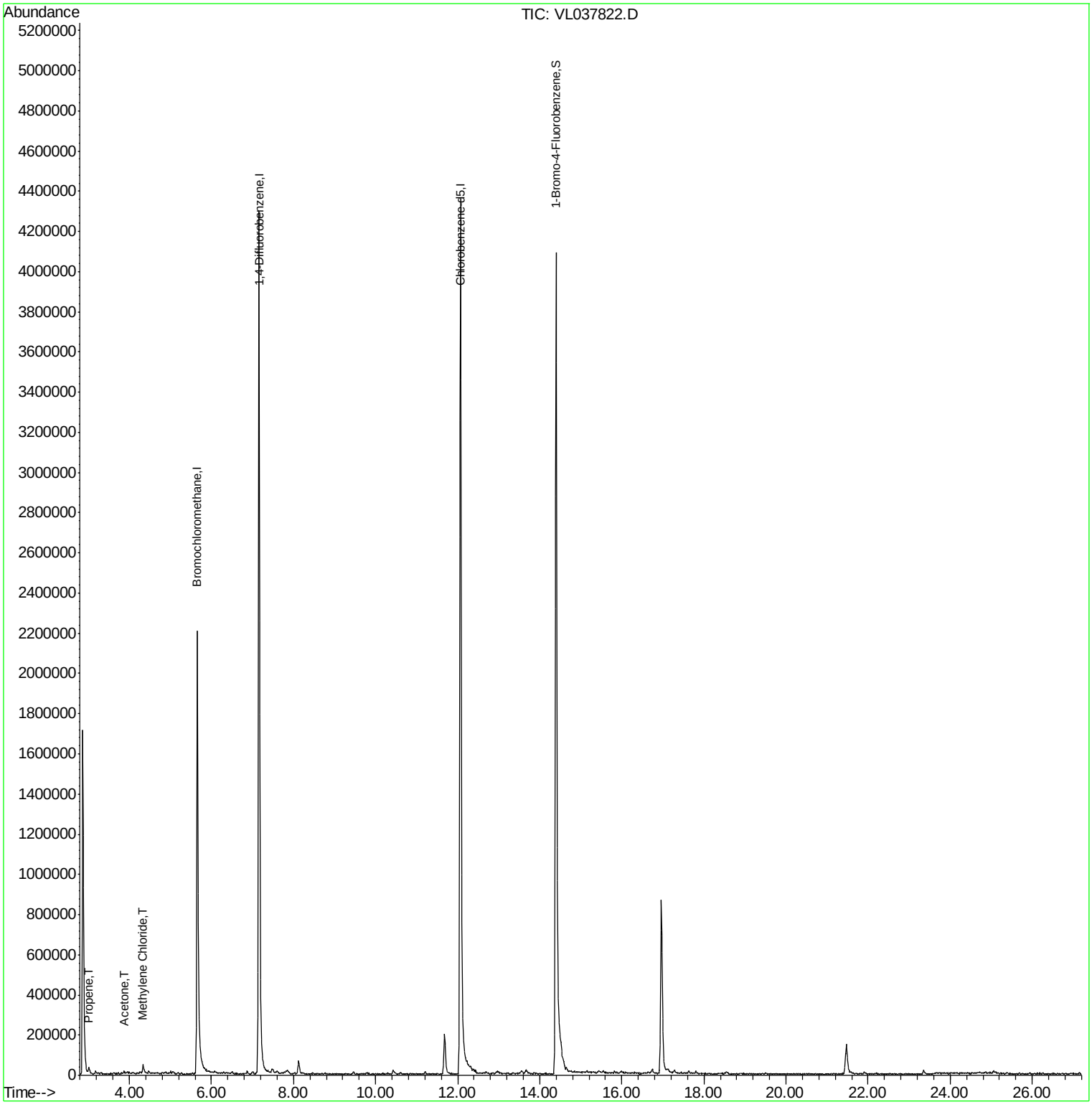
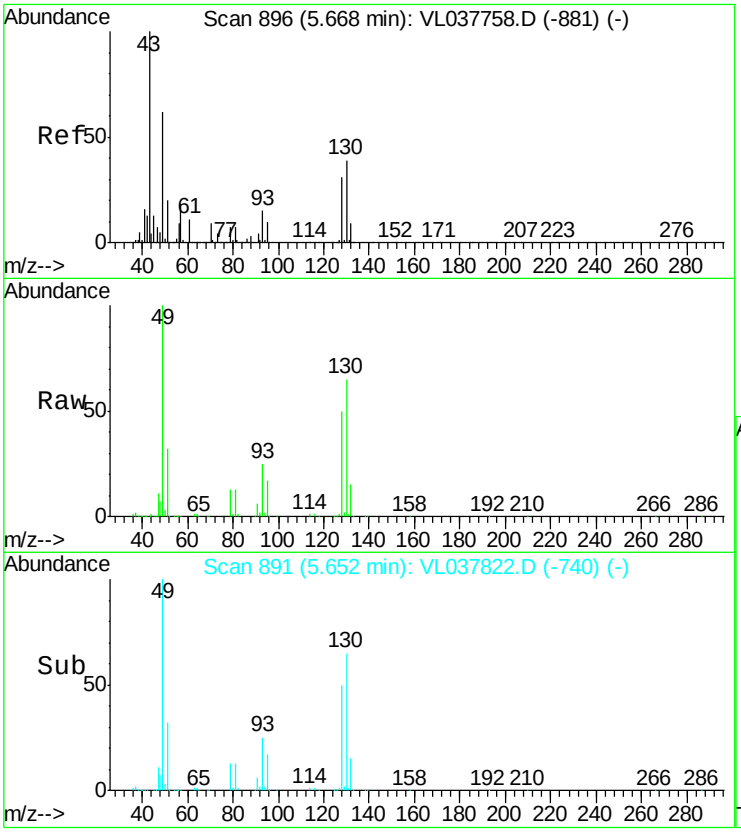
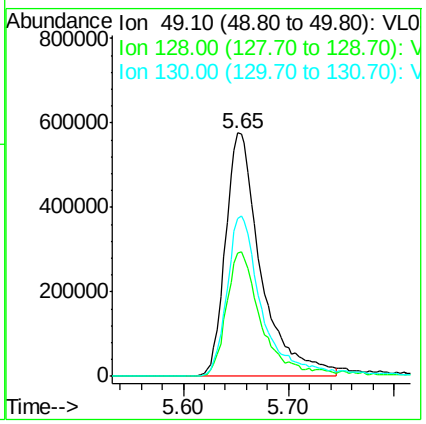




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Tgt Ion: 49 Resp: 1345931

Ion	Ratio	Lower	Upper
49	100		
128	51.7	27.1	81.3
130	67.1	33.2	99.6



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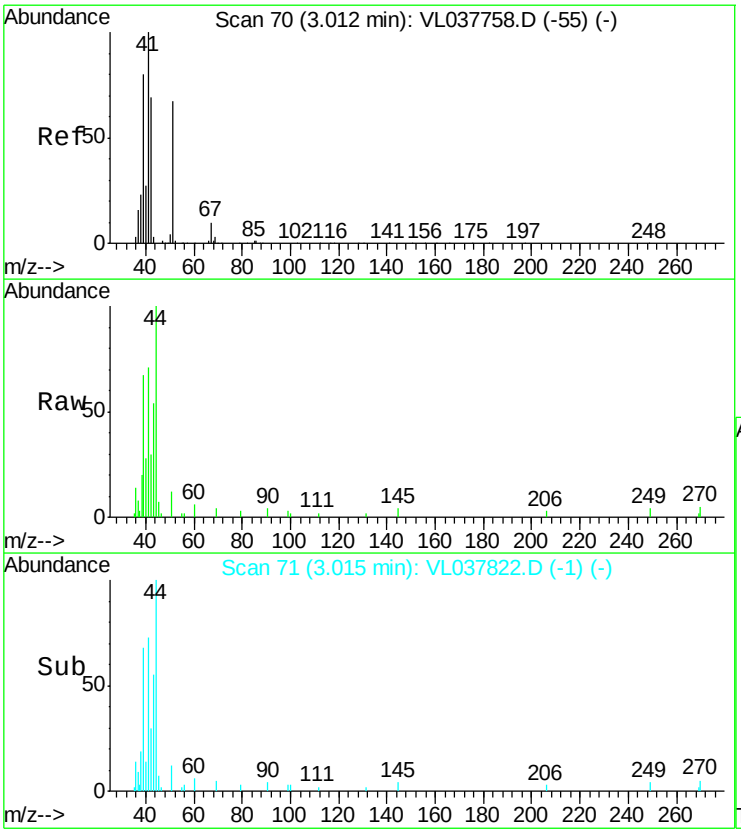
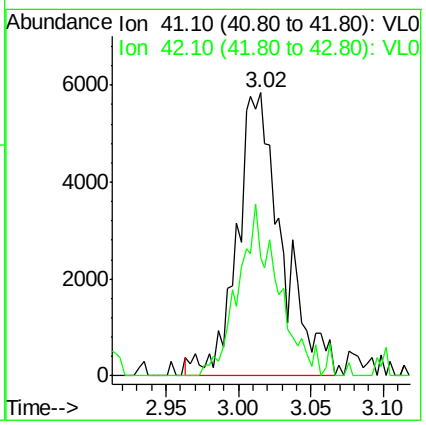
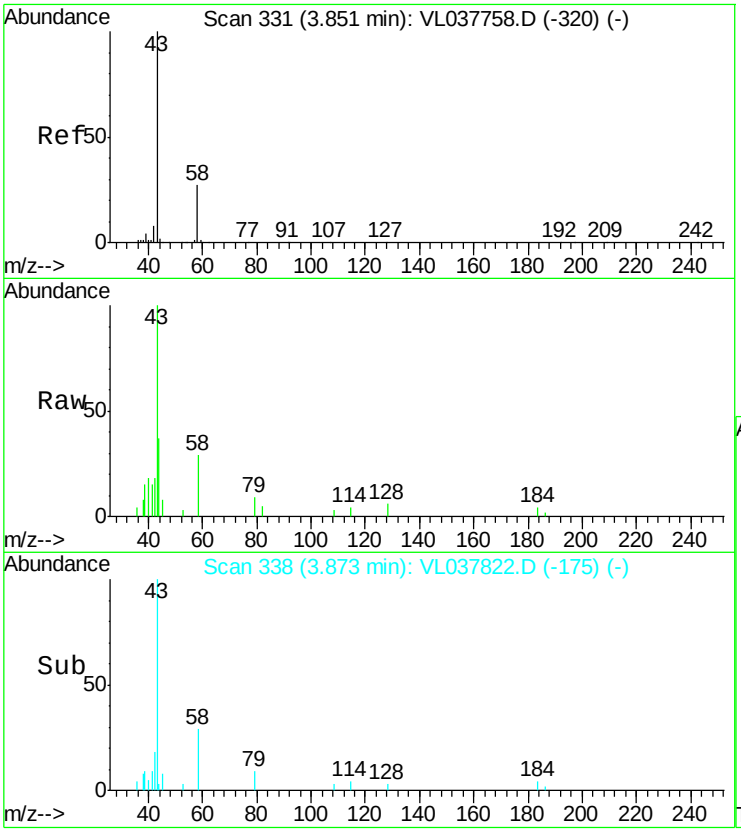


#9
Propene
Concen: 0.132 ppbv m
RT: 3.02 min Scan# 71
Delta R.T. 0.00 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Tgt Ion: 41 Resp: 12592

Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.2	81.2#





#15
Acetone
Concen: 0.140 ppbv m
RT: 3.87 min Scan# 338
Delta R.T. 0.02 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Tgt Ion: 43 Resp: 16946

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.0	34.6#

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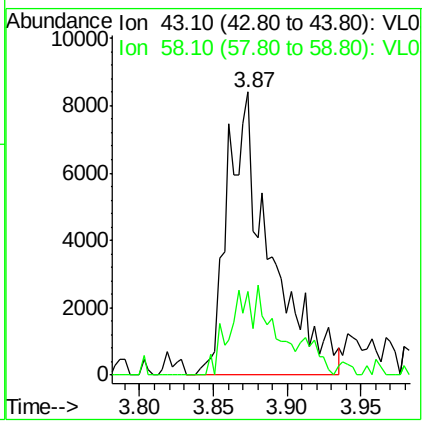
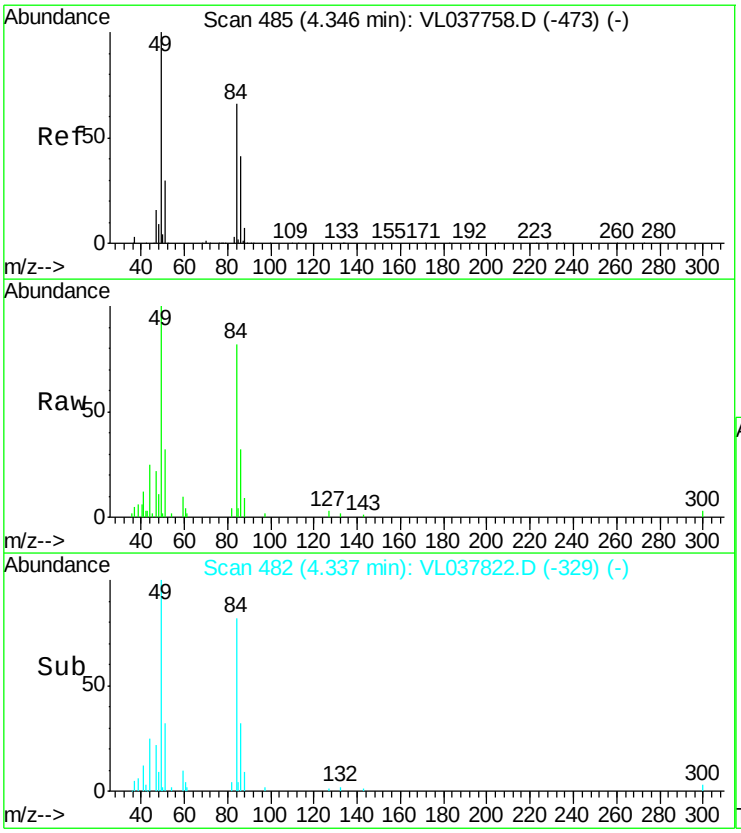
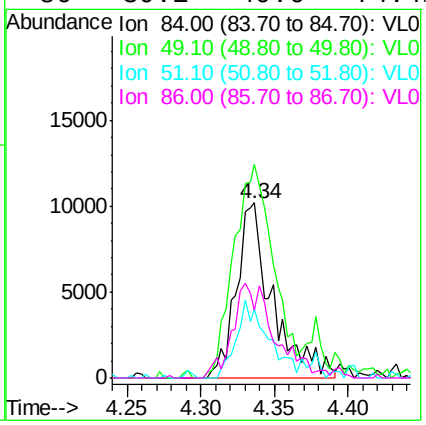


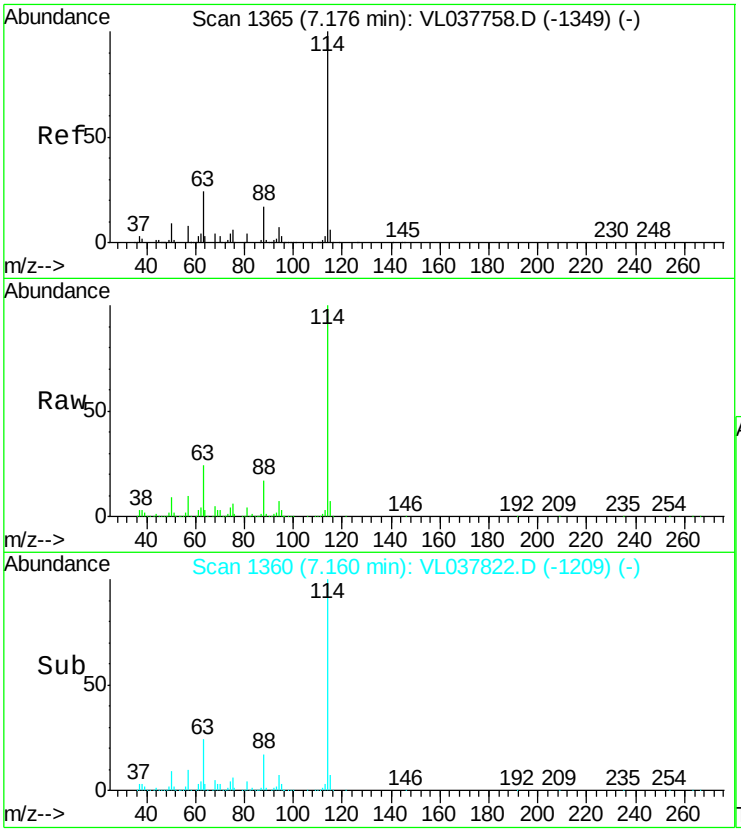


#20
Methylene Chloride
Concen: 0.284 ppbv m
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Tgt Ion: 84 Resp: 17342

Ion	Ratio	Lower	Upper
84	100		
49	122.1	120.7	181.1
51	39.4	36.2	54.4
86	39.1	49.6	74.4#

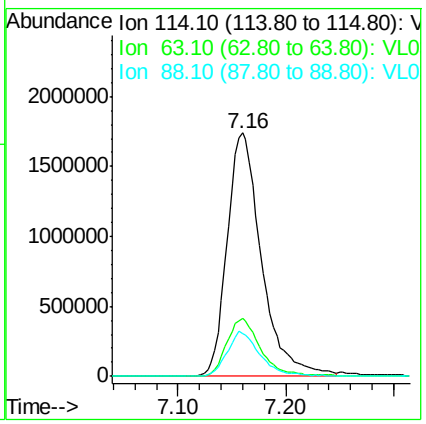




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.02 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Tgt Ion:114 Resp: 3869485

Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.4	29.2
88	18.0	14.4	21.6



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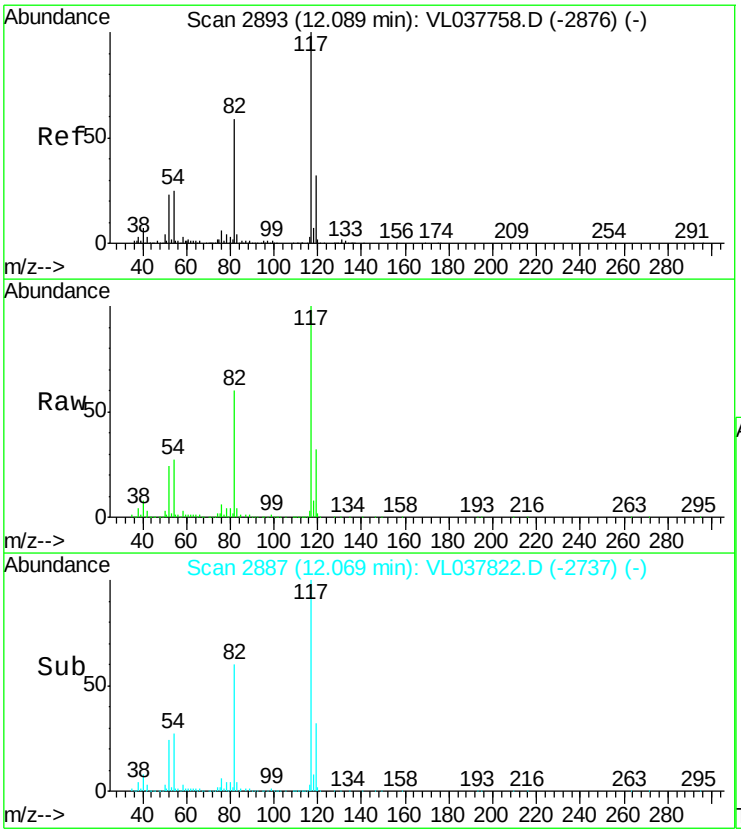
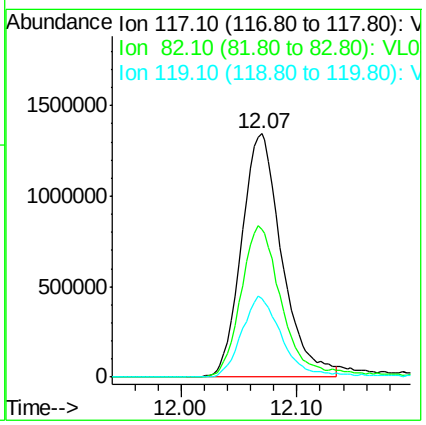
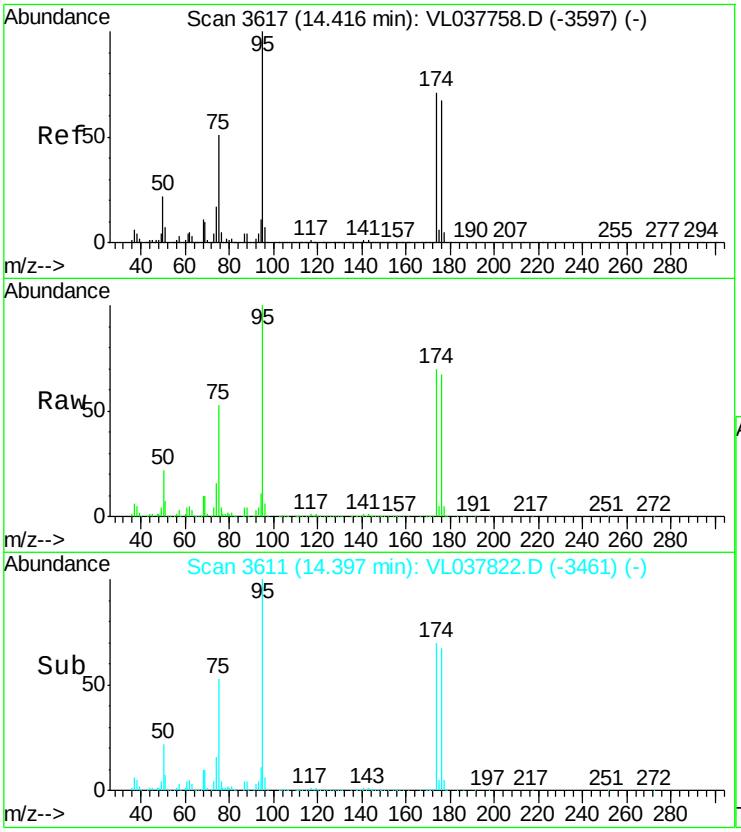


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.02 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Tgt Ion:117 Resp: 3260581

Ion	Ratio	Lower	Upper
117	100		
82	65.0	52.2	78.2
119	34.2	26.0	39.0

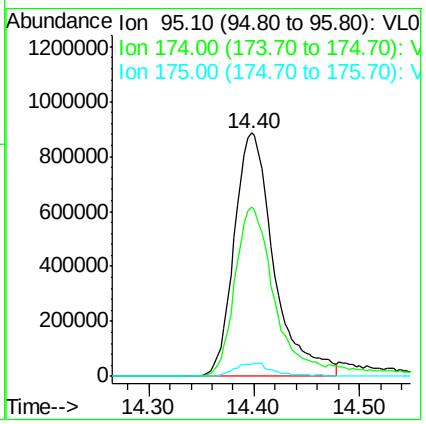




#68
1-Bromo-4-Fluorobenzene
Concen: 10.196 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.02 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Tgt Ion: 95 Resp: 2324855

Ion	Ratio	Lower	Upper
95	100		
174	74.8	57.8	86.6
175	5.4	4.7	7.1



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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