Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040821\
Data File : VL036758.D
Acq On : 8 Apr 2021 19:55
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 09 09:33:39 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 2
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VIBLK

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1371414	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3352516	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2628063	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1530610	7.31	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 73.10%			
Target Compounds						Qvalue
9) Propene	3.02	41	7802m	0.096	ppbv	
15) Acetone	3.87	43	26461m	0.196	ppbv	
20) Methylene Chloride	4.33	84	14729m	0.233	ppbv	

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

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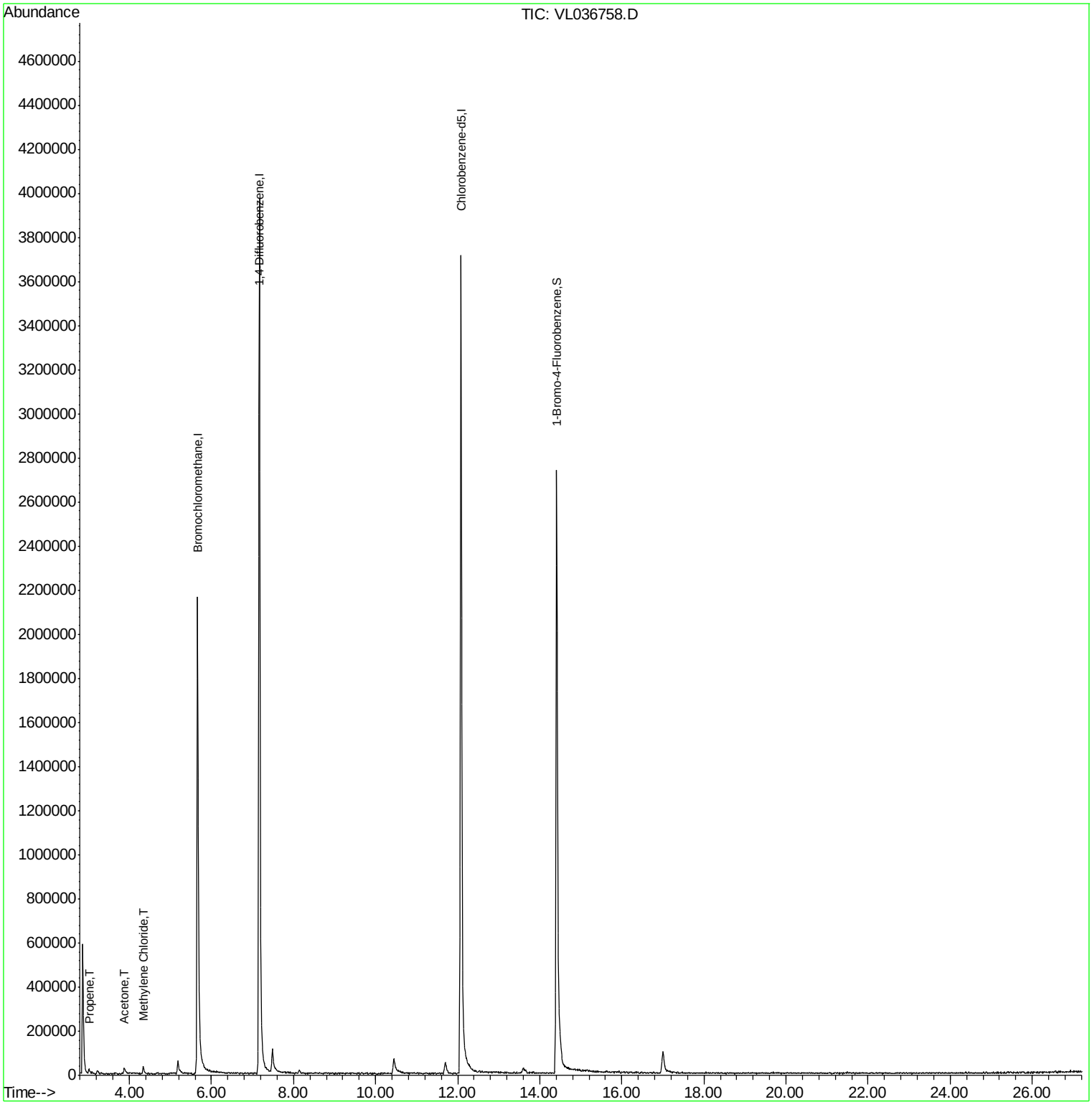
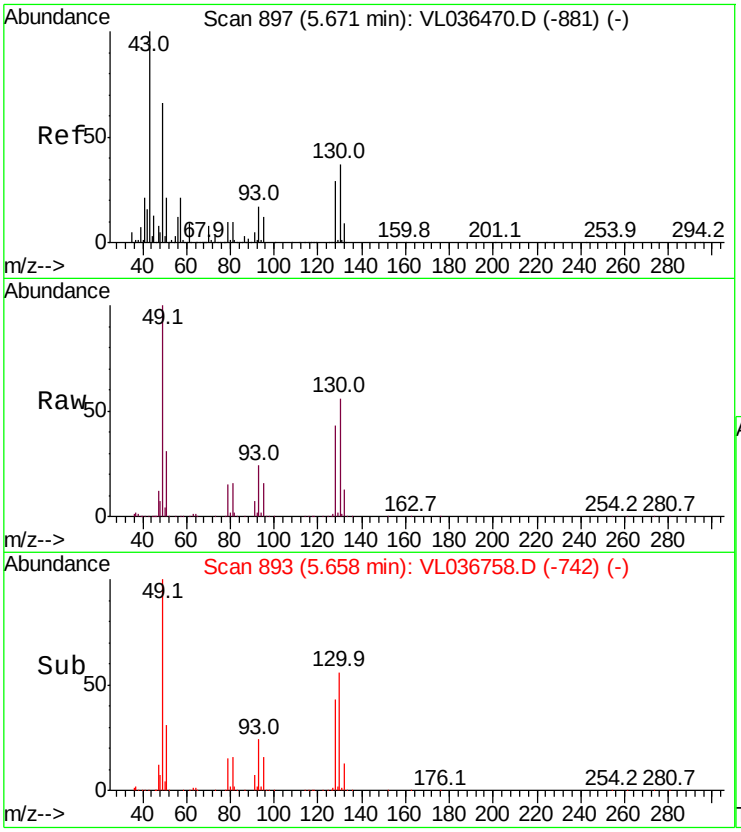
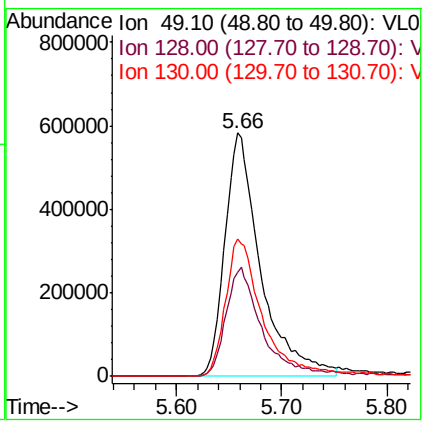




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL036758.D
Acq: 8 Apr 2021 19:55

Tgt Ion: 49 Resp: 1371414

Ion	Ratio	Lower	Upper
49	100		
128	45.2	23.5	70.6
130	59.7	29.1	87.4



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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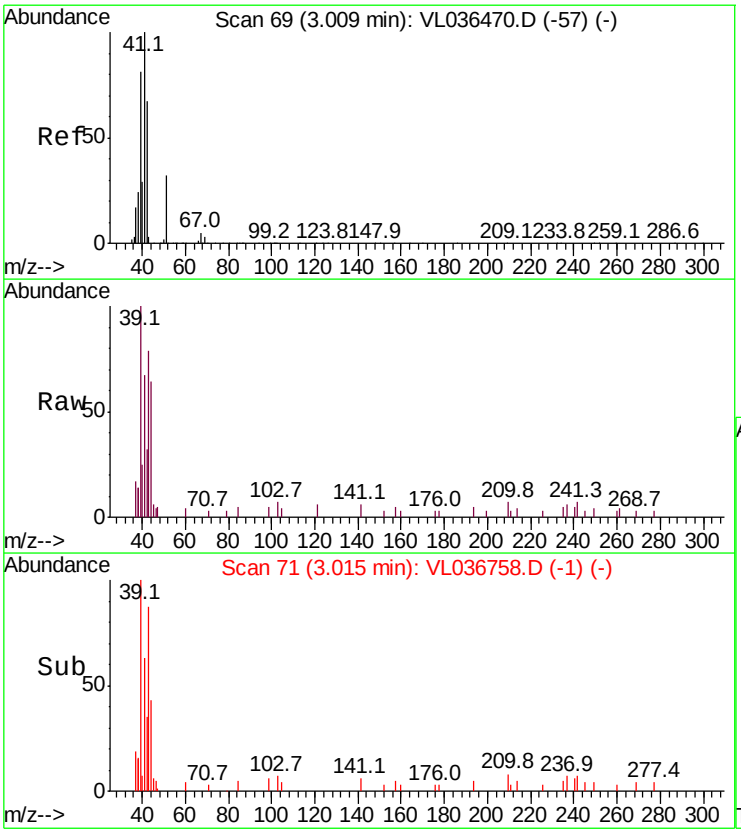
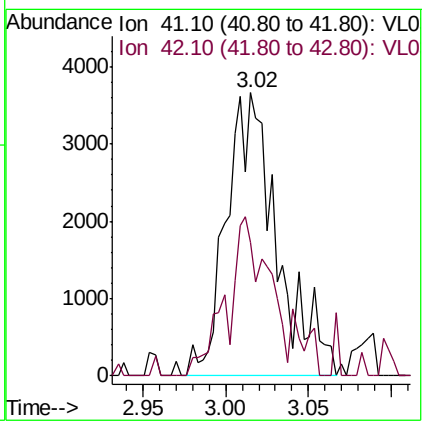
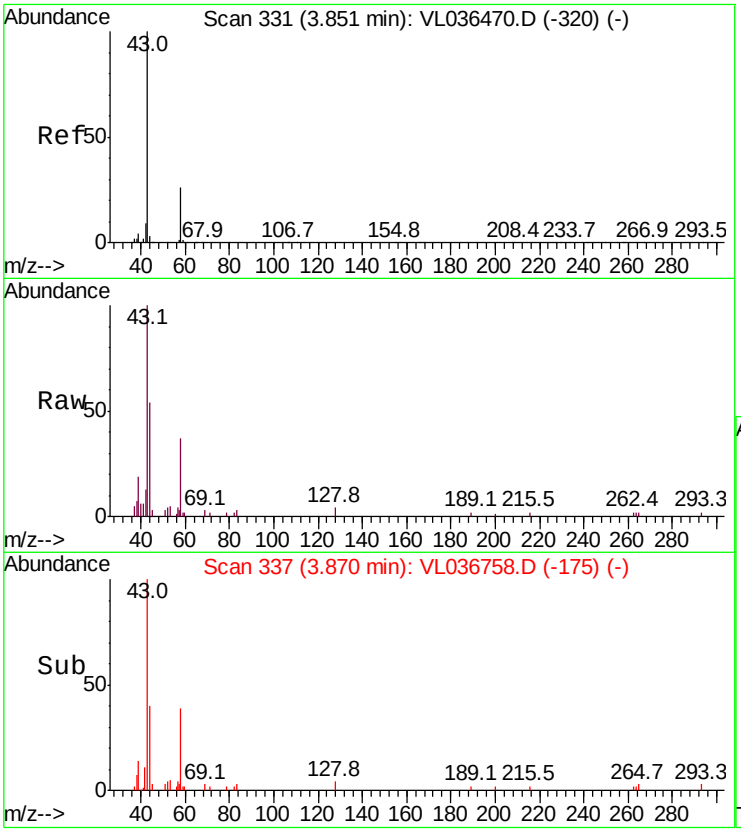


#9
Propene
Concen: 0.096 ppbv m
RT: 3.02 min Scan# 71
Delta R.T. 0.01 min
Lab File: VL036758.D
Acq: 8 Apr 2021 19:55

Tgt Ion: 41 Resp: 7802

Ion	Ratio	Lower	Upper
41	100		
42	3.3	57.0	85.4#

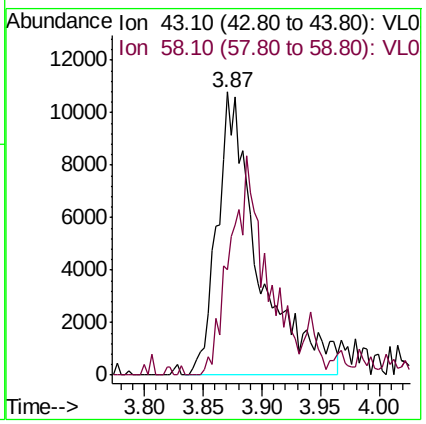




#15
Acetone
Concen: 0.196 ppbv m
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL036758.D
Acq: 8 Apr 2021 19:55

Tgt Ion: 43 Resp: 26461

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.2	31.8#



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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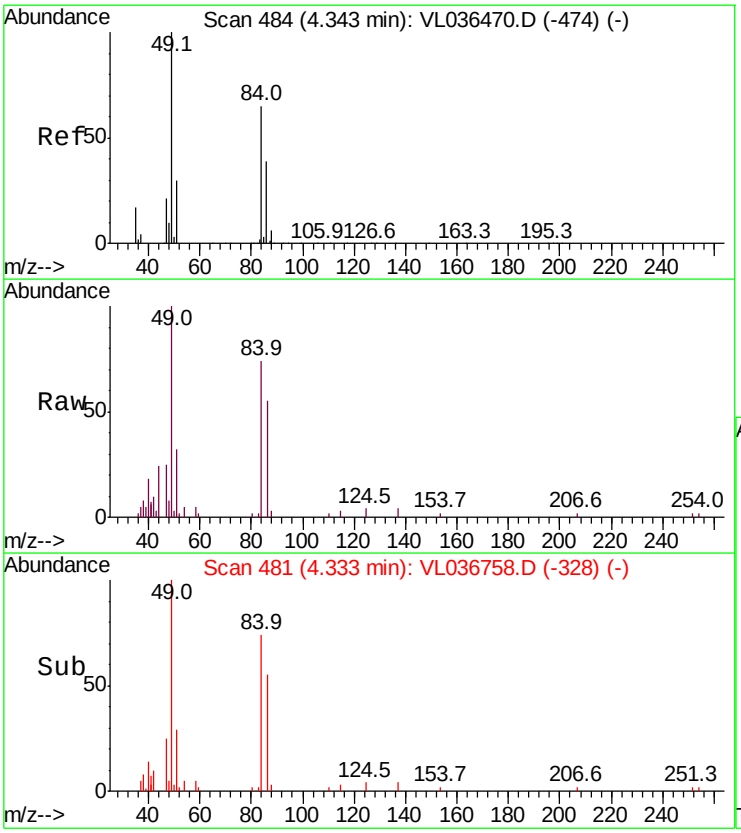
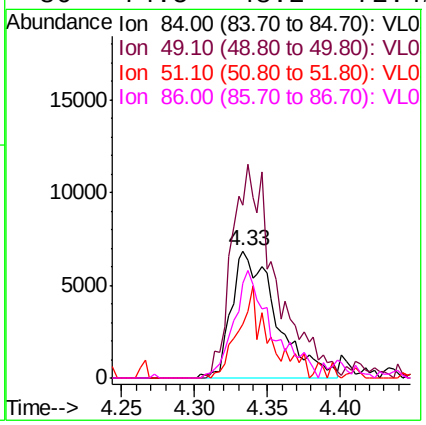
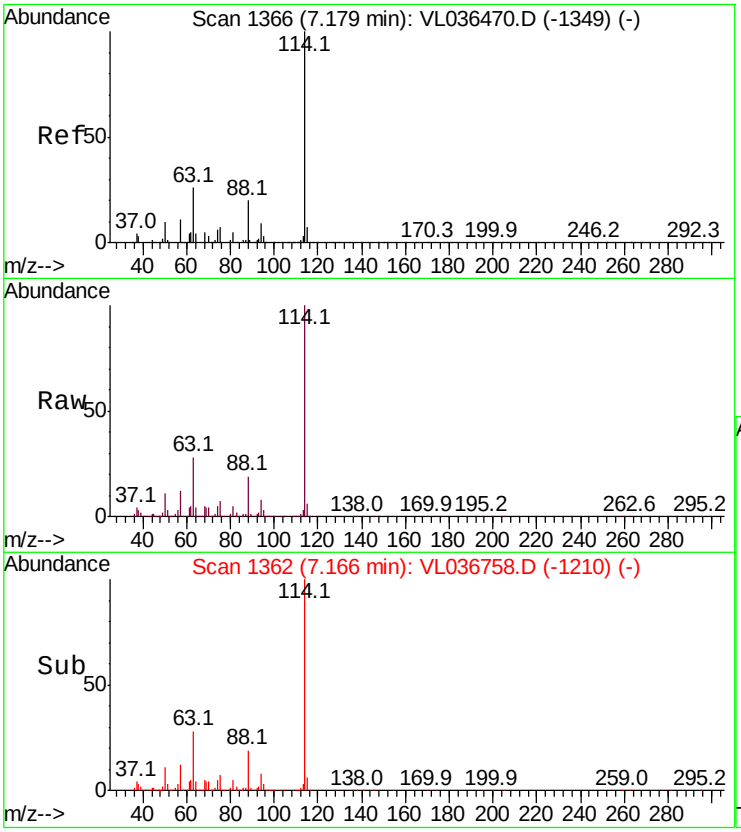


#20
Methylene Chloride
Concen: 0.233 ppbv m
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036758.D
Acq: 8 Apr 2021 19:55

Tgt Ion: 84 Resp: 14729

Ion	Ratio	Lower	Upper
84	100		
49	135.8	122.9	184.3
51	42.8	36.9	55.3
86	74.5	48.2	72.4#

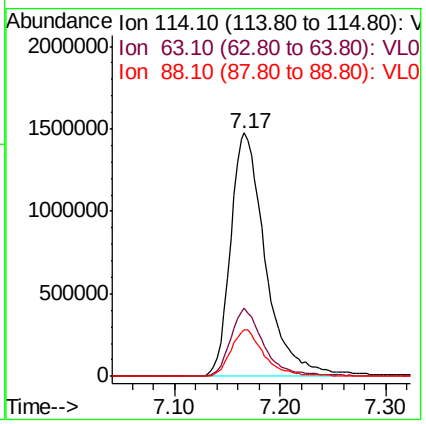




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL036758.D
Acq: 8 Apr 2021 19:55

Tgt Ion:114 Resp: 3352516

Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.4	33.6
88	18.7	15.4	23.0



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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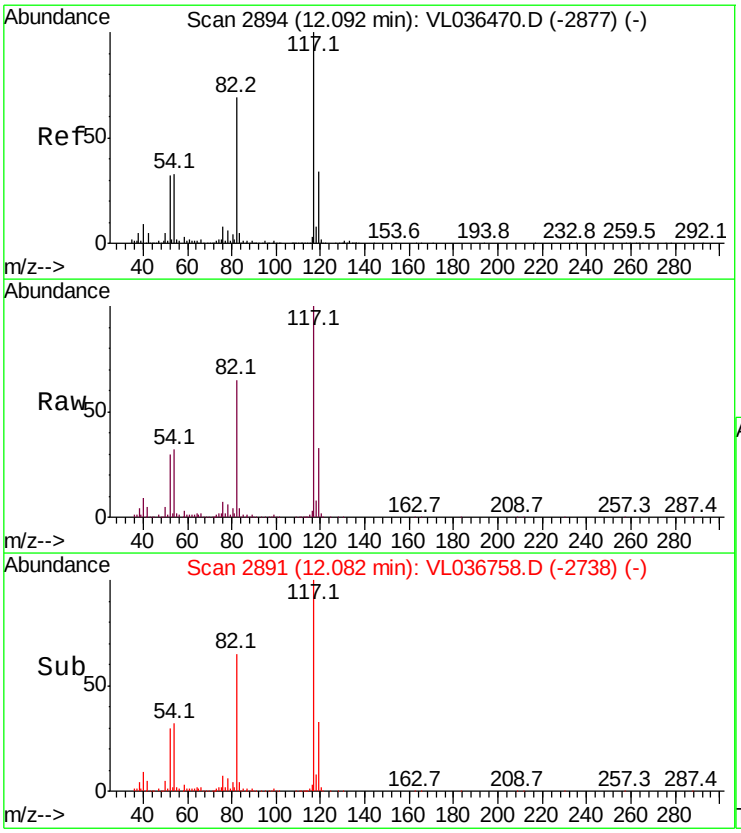
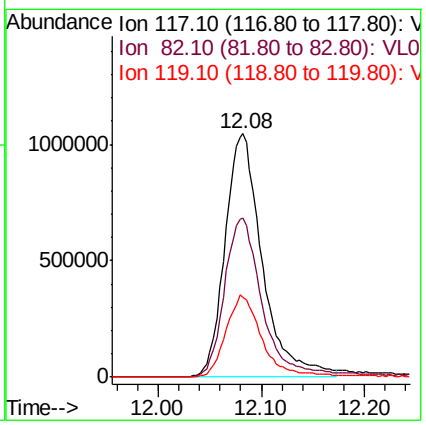
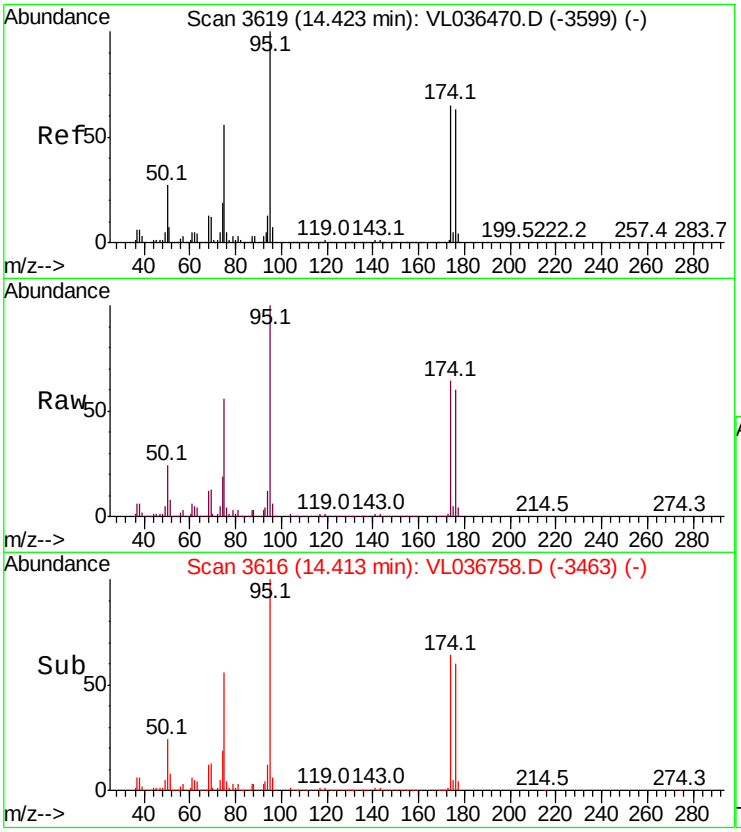


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL036758.D
Acq: 8 Apr 2021 19:55

Tgt Ion:117 Resp: 2628063

Ion	Ratio	Lower	Upper
117	100		
82	69.2	57.4	86.0
119	34.1	47.4	71.0#

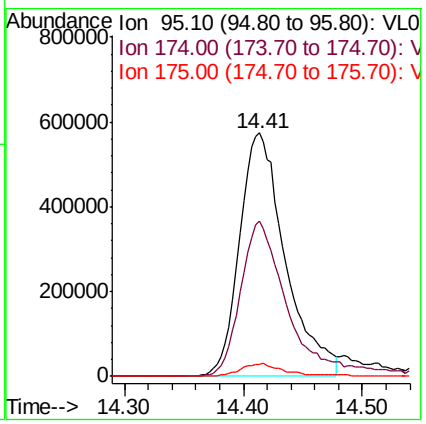




#68
1-Bromo-4-Fluorobenzene
Concen: 7.307 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL036758.D
Acq: 8 Apr 2021 19:55

Tgt Ion: 95 Resp: 1530610

Ion	Ratio	Lower	Upper
95	100		
174	68.1	51.0	76.6
175	5.5	3.9	5.9



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
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