Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091720\
Data File : VL035673.D
Acq On : 18 Sep 2020 1:47
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 18 05:20:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 1
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VIBLK

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1045718	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4040396	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4050961	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2928670	10.18	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%			
Target Compounds						Qvalue
15) Acetone	3.87	43	21259	0.184	ppbv #	43
20) Methylene Chloride	4.35	84	17512	0.204	ppbv	94
52) Tetrachloroethene	11.25	164	21828m	0.143	ppbv	

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

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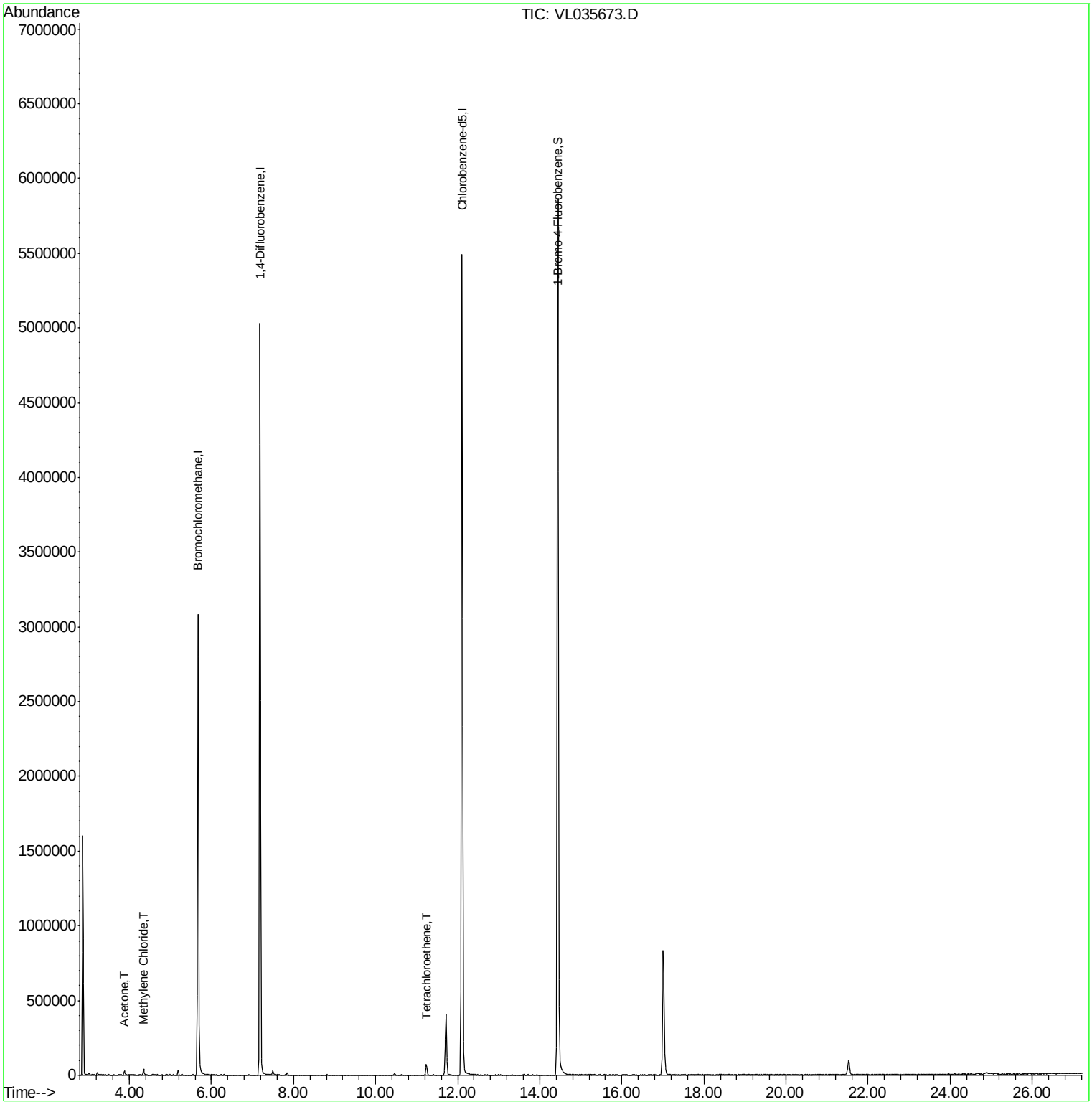
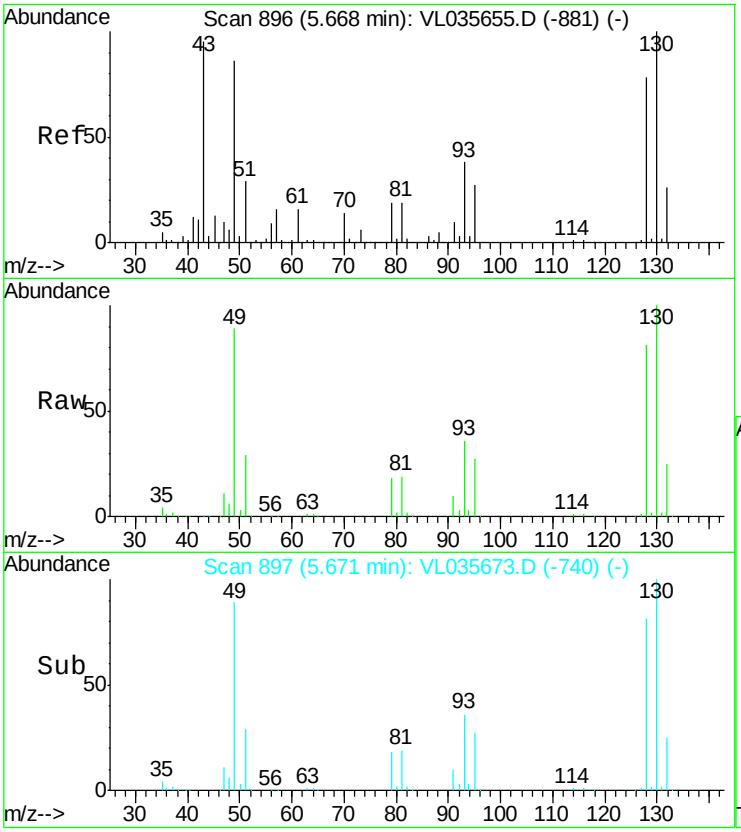
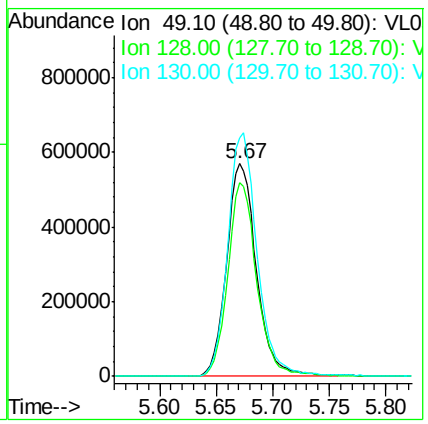




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL035673.D
Acq: 18 Sep 2020 1:47

Tgt Ion: 49 Resp: 1045718

Ion	Ratio	Lower	Upper
49	100		
128	89.1	50.0	150.1
130	114.1	64.4	193.2



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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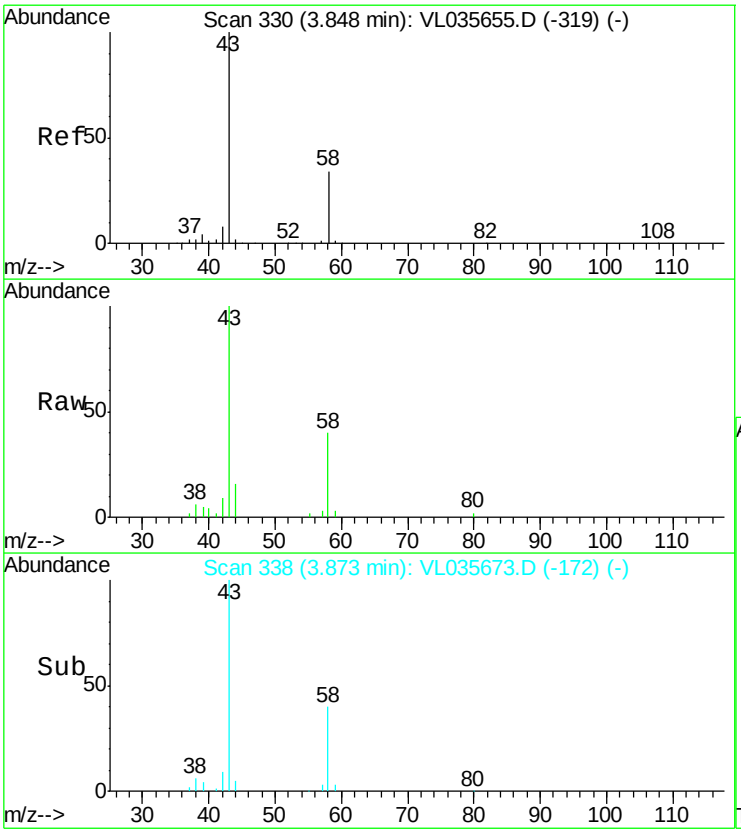
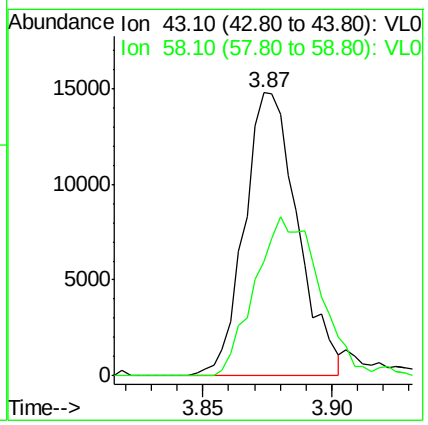
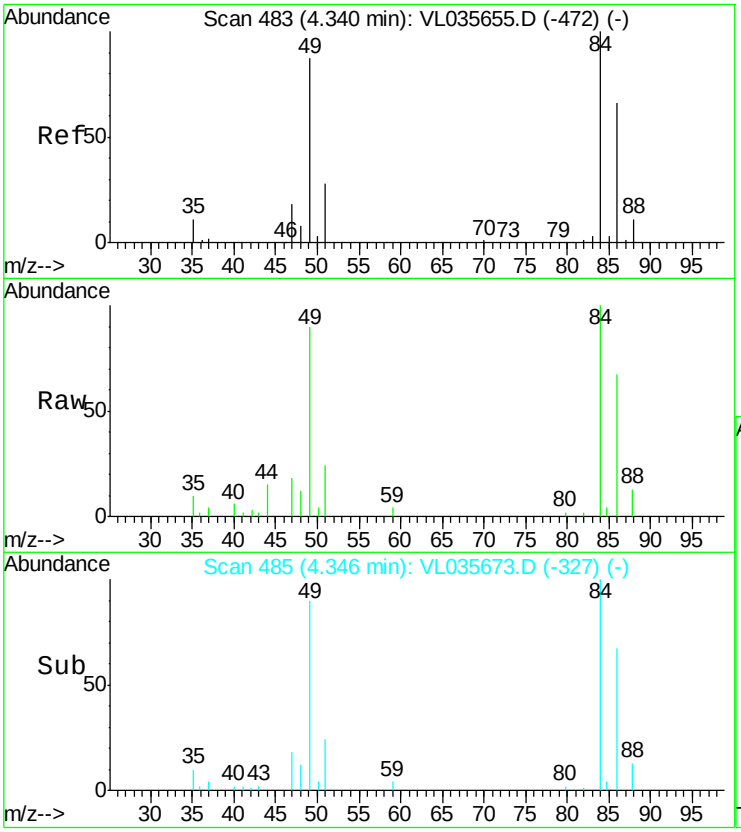


#15
Acetone
Concen: 0.184 ppbv
RT: 3.87 min Scan# 338
Delta R.T. 0.04 min
Lab File: VL035673.D
Acq: 18 Sep 2020 1:47

Tgt Ion: 43 Resp: 21259

Ion	Ratio	Lower	Upper
43	100		
58	68.6	28.4	42.6#

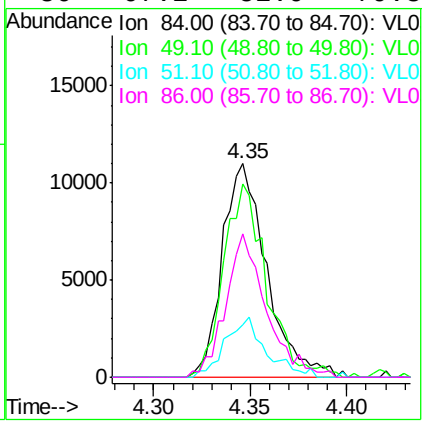




#20
Methylene Chloride
Concen: 0.204 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL035673.D
Acq: 18 Sep 2020 1:47

Tgt Ion: 84 Resp: 17512

Ion	Ratio	Lower	Upper
84	100		
49	90.4	65.4	98.0
51	24.4	21.5	32.3
86	67.2	52.9	79.3



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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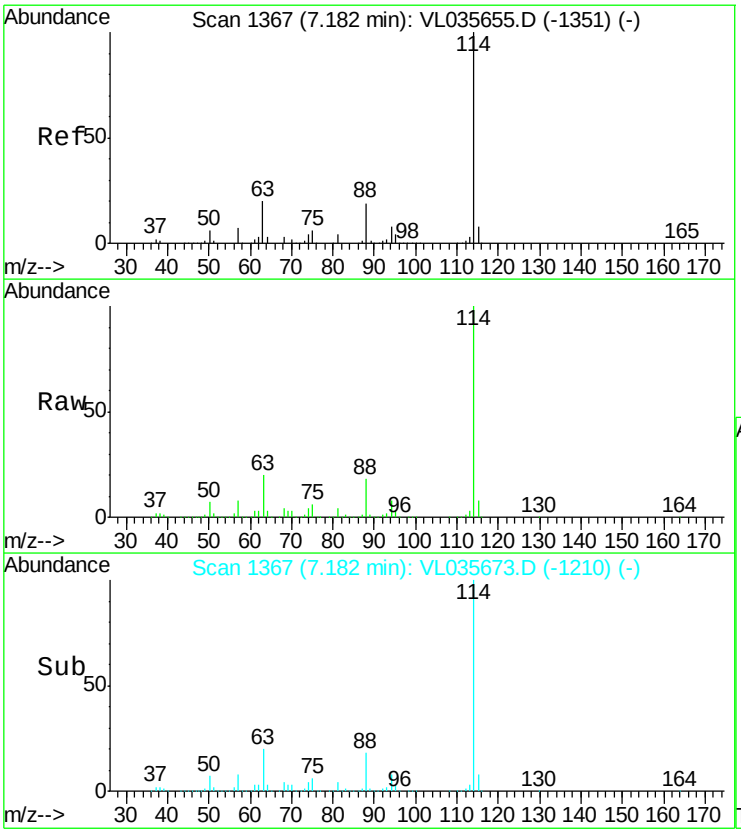
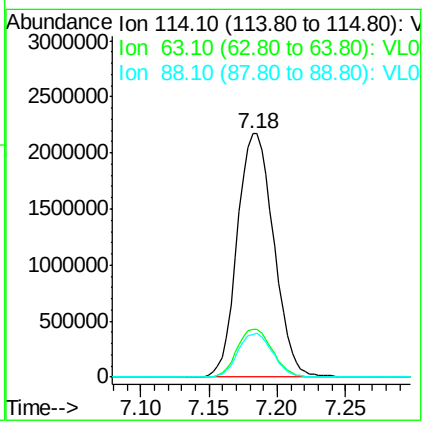
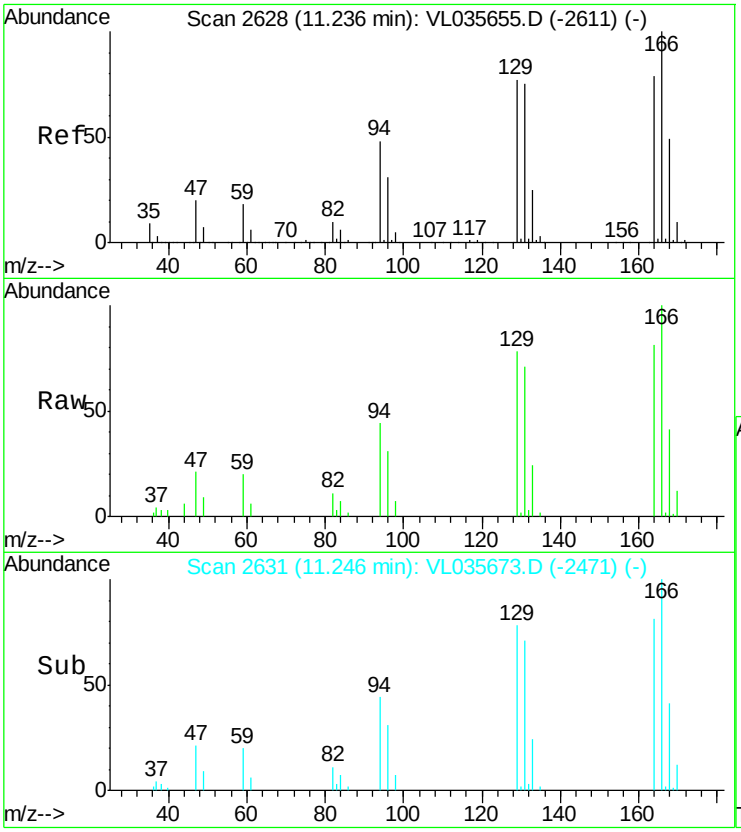


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VL035673.D
Acq: 18 Sep 2020 1:47

Tgt Ion:114 Resp: 4040396

Ion	Ratio	Lower	Upper
114	100		
63	19.2	14.7	22.1
88	17.2	13.4	20.2

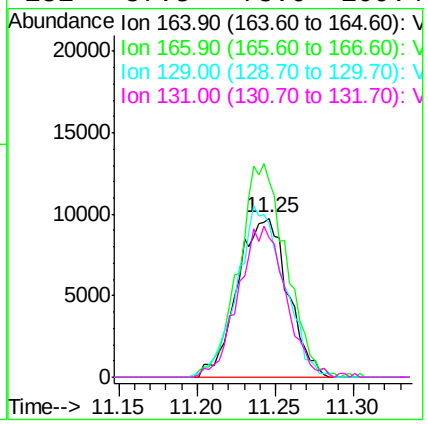




#52
Tetrachloroethene
Concen: 0.143 ppbv m
RT: 11.25 min Scan# 2631
Delta R.T. 0.02 min
Lab File: VL035673.D
Acq: 18 Sep 2020 1:47

Tgt Ion:164 Resp: 21828

Ion	Ratio	Lower	Upper
164	100		
166	123.5	100.9	151.3
129	96.3	75.3	112.9
131	87.8	73.0	109.4



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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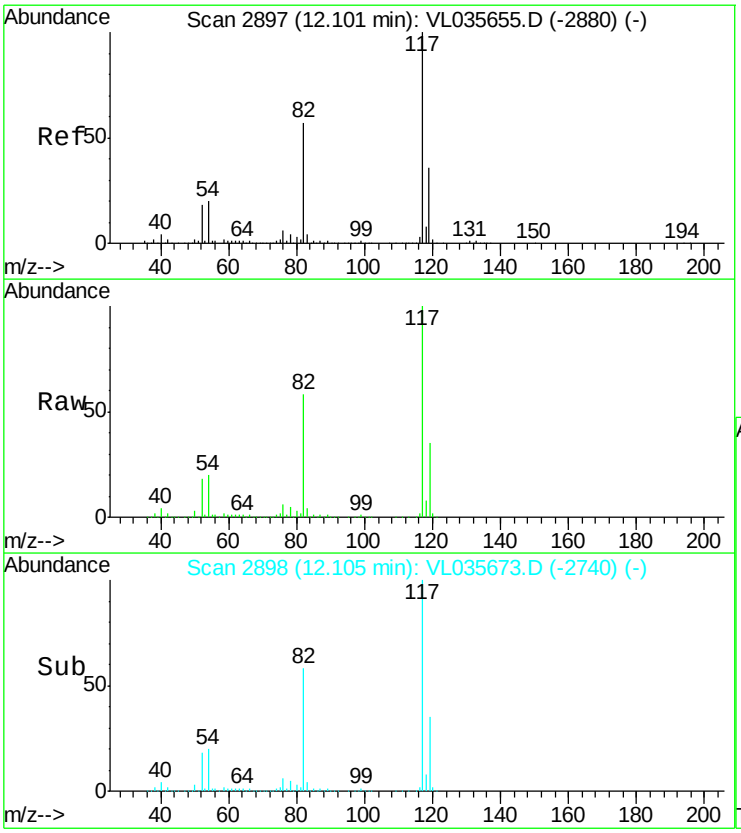
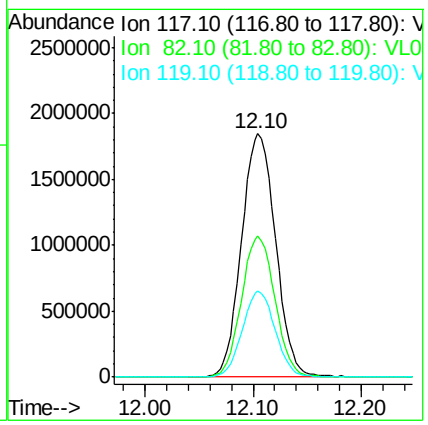
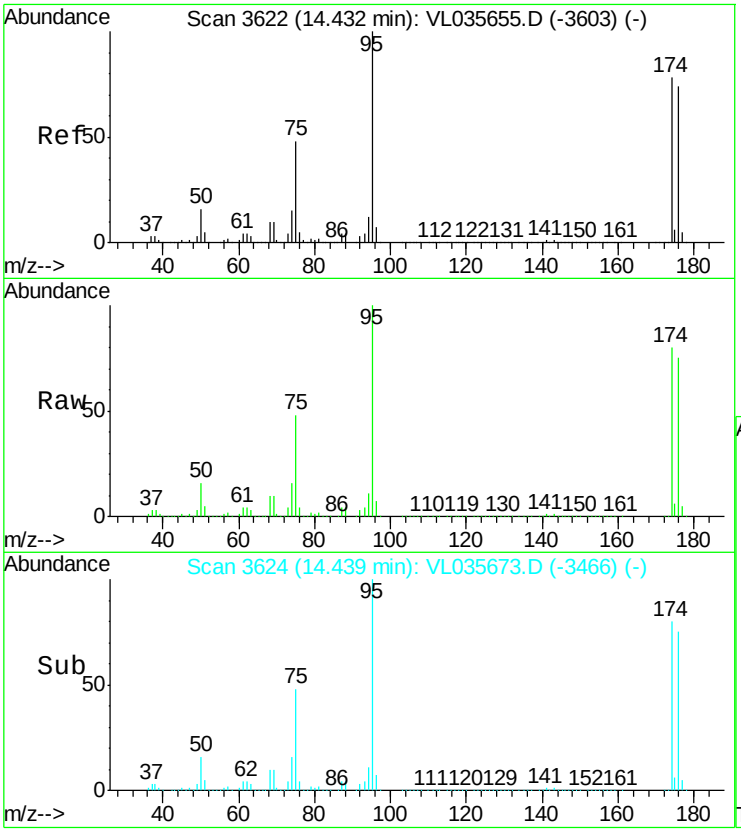


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.01 min
Lab File: VL035673.D
Acq: 18 Sep 2020 1:47

Tgt Ion:117 Resp: 4050961

Ion	Ratio	Lower	Upper
117	100		
82	57.2	41.6	62.4
119	34.2	29.3	43.9

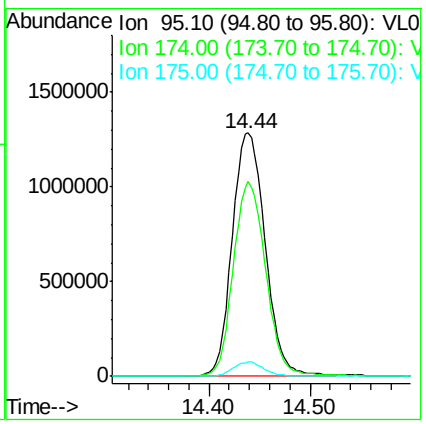




#68
1-Bromo-4-Fluorobenzene
Concen: 10.180 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. 0.01 min
Lab File: VL035673.D
Acq: 18 Sep 2020 1:47

Tgt Ion: 95 Resp: 2928670

Ion	Ratio	Lower	Upper
95	100		
174	79.1	69.6	104.4
175	5.7	5.1	7.7



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
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