Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040621\
Data File : VL036715.D
Acq On : 7 Apr 2021 2:21
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
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4/12/2021 11:11:40 AM

Quant Time: Apr 07 06:33:23 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1152636	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2856066	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2536997	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1944741	9.62	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.20%			
Target Compounds						Qvalue
9) Propene	3.01	41	7278m	0.106	ppbv	
15) Acetone	3.88	43	35651m	0.314	ppbv	
20) Methylene Chloride	4.35	84	9227m	0.174	ppbv	

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

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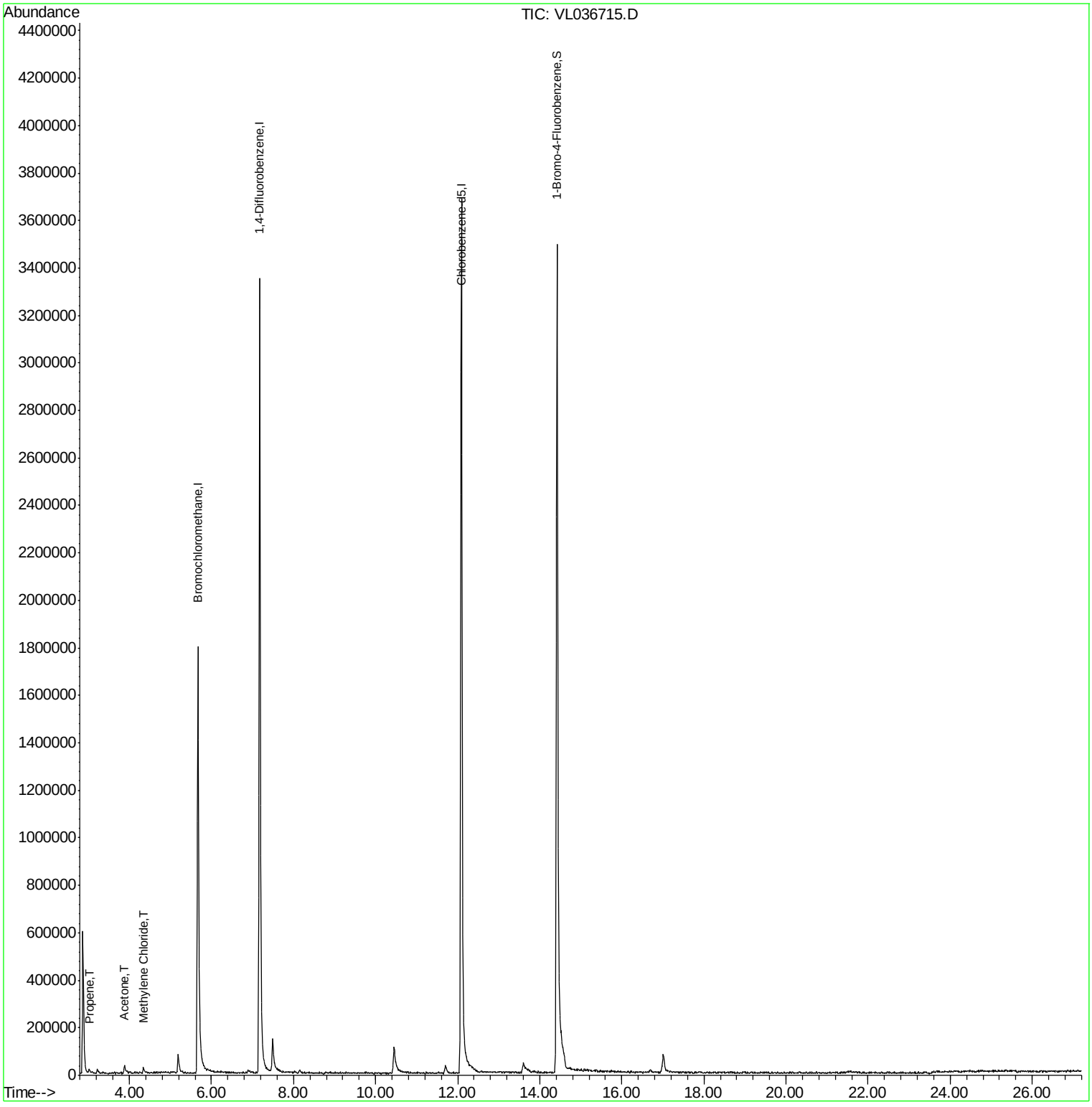
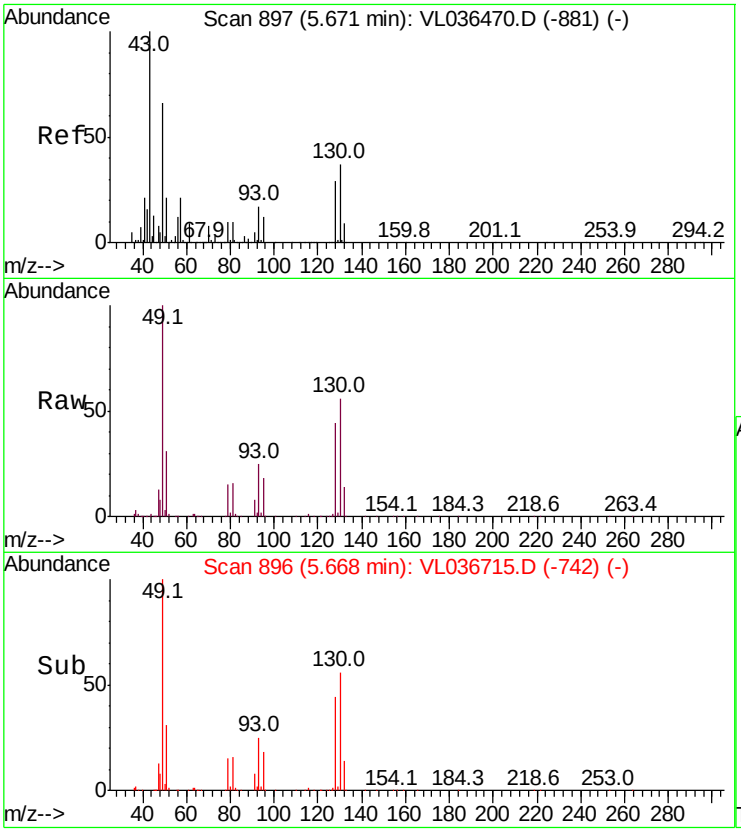
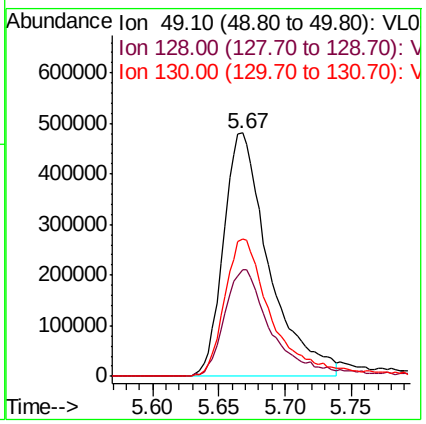




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL036715.D
Acq: 7 Apr 2021 2:21

Tgt Ion: 49 Resp: 1152636

Ion	Ratio	Lower	Upper
49	100		
128	47.5	23.5	70.6
130	61.4	29.1	87.4



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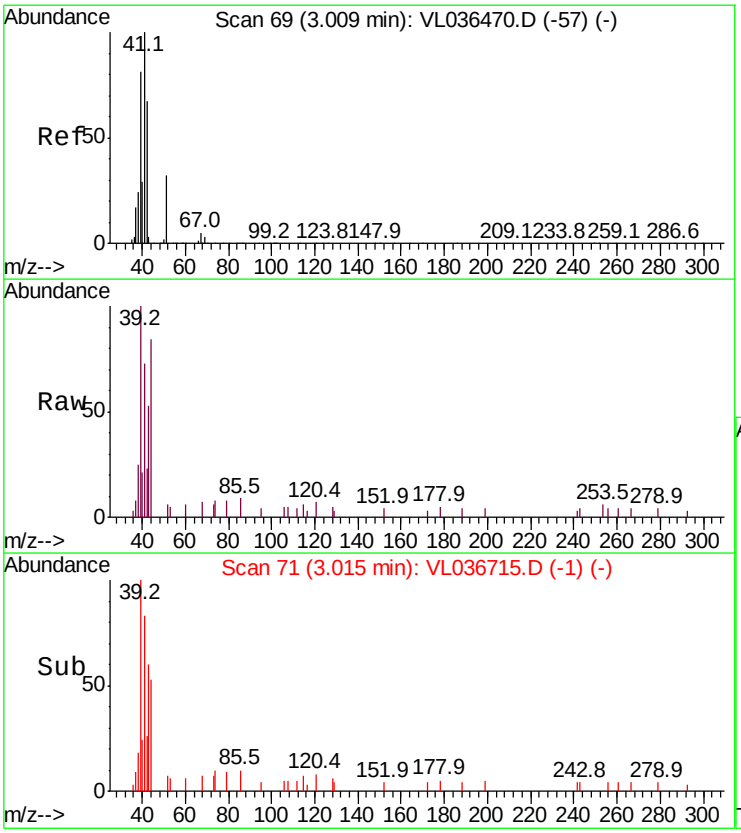
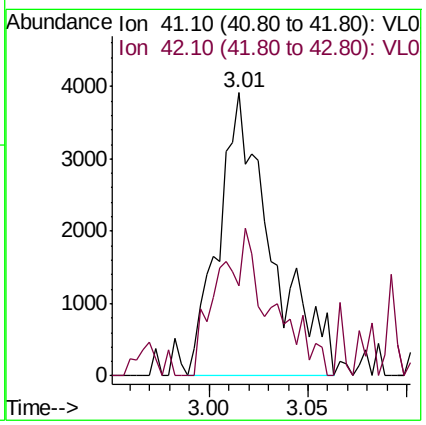
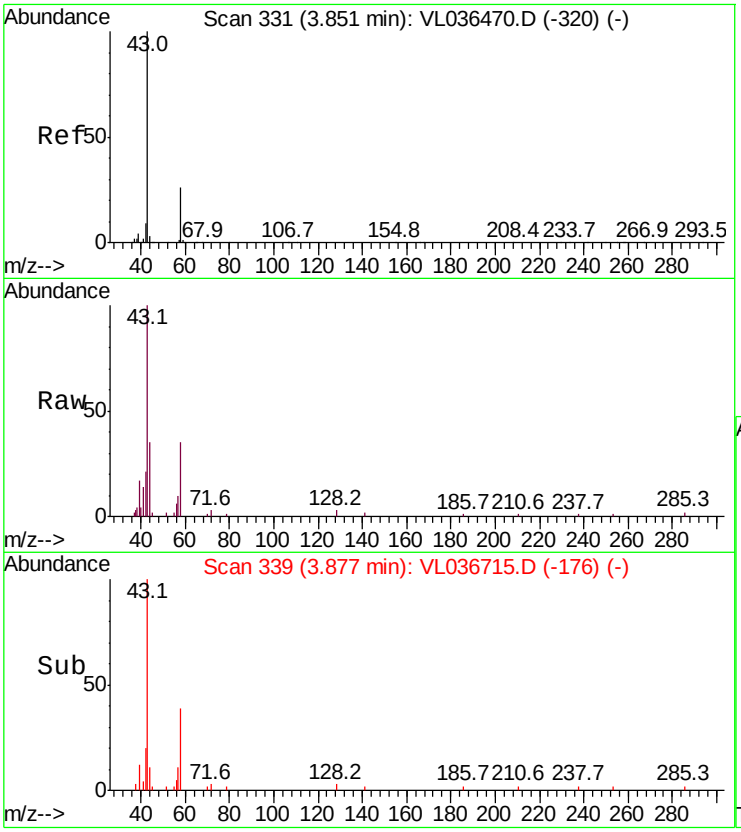


#9
Propene
Concen: 0.106 ppbv m
RT: 3.01 min Scan# 71
Delta R.T. 0.01 min
Lab File: VL036715.D
Acq: 7 Apr 2021 2:21

Tgt Ion: 41 Resp: 7278

Ion	Ratio	Lower	Upper
41	100		
42	7.5	57.0	85.4#





#15
Acetone
Concen: 0.314 ppbv m
RT: 3.88 min Scan# 339
Delta R.T. 0.03 min
Lab File: VL036715.D
Acq: 7 Apr 2021 2:21

Tgt Ion: 43 Resp: 35651

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.2	31.8#

Instrument :
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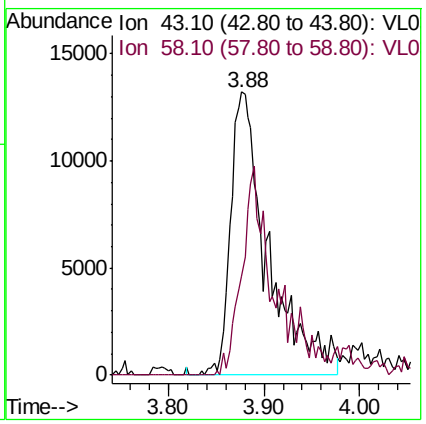
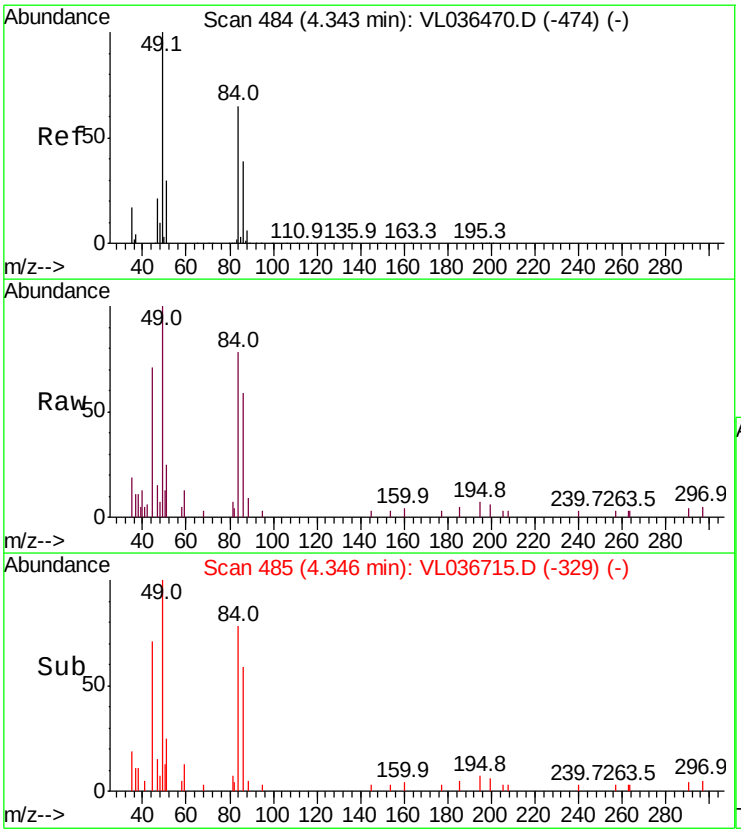
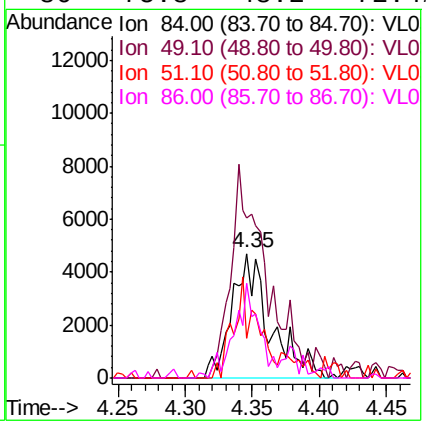


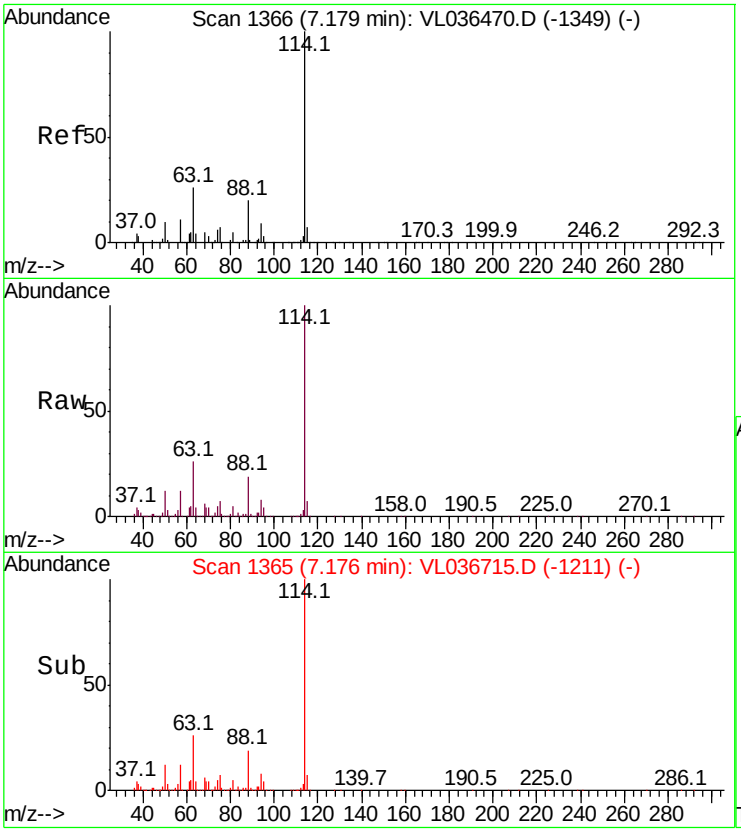


#20
Methylene Chloride
Concen: 0.174 ppbv m
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL036715.D
Acq: 7 Apr 2021 2:21

Tgt Ion: 84 Resp: 9227

Ion	Ratio	Lower	Upper
84	100		
49	128.5	122.9	184.3
51	32.0	36.9	55.3#
86	75.8	48.2	72.4#

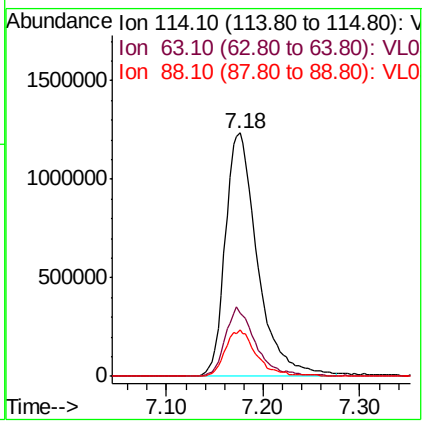




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL036715.D
Acq: 7 Apr 2021 2:21

Tgt Ion:114 Resp: 2856066

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.4	33.6
88	18.8	15.4	23.0



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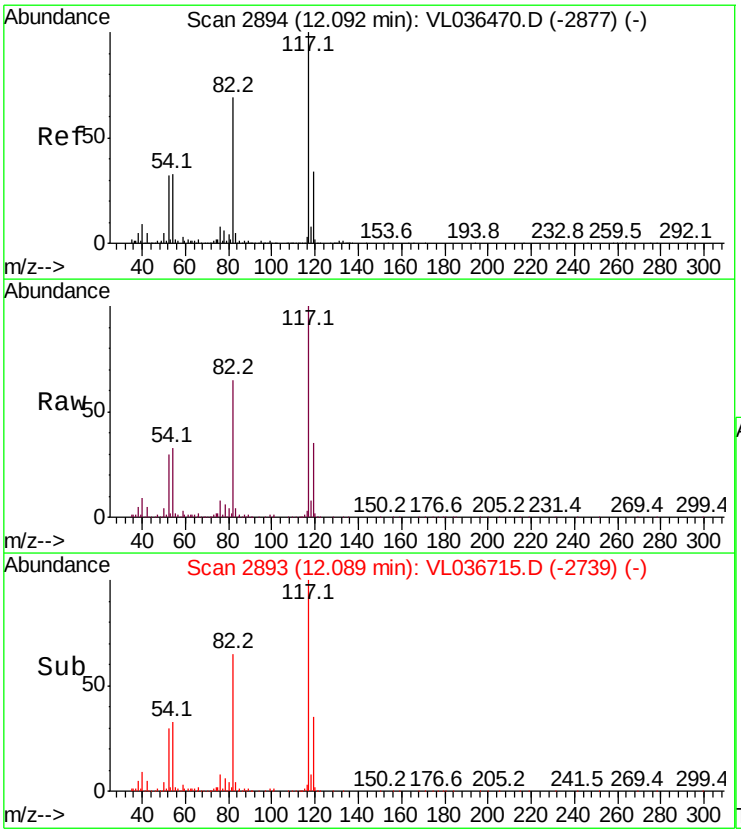
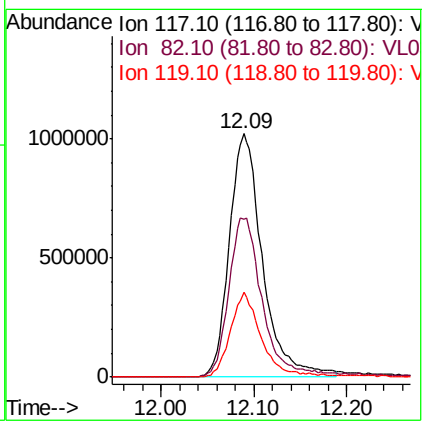
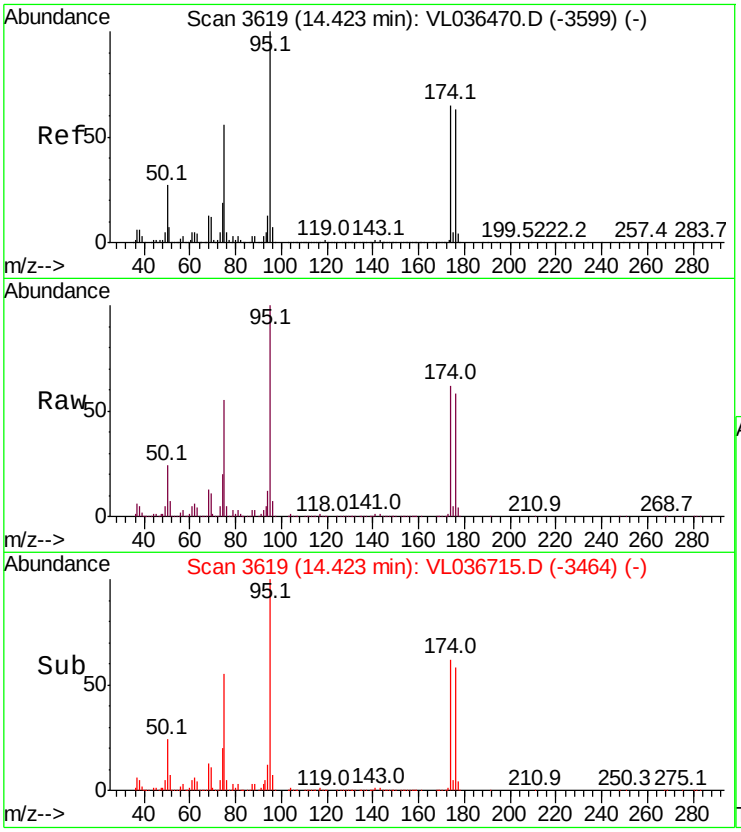


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL036715.D
Acq: 7 Apr 2021 2:21

Tgt Ion:117 Resp: 2536997

Ion	Ratio	Lower	Upper
117	100		
82	68.1	57.4	86.0
119	33.1	47.4	71.0#

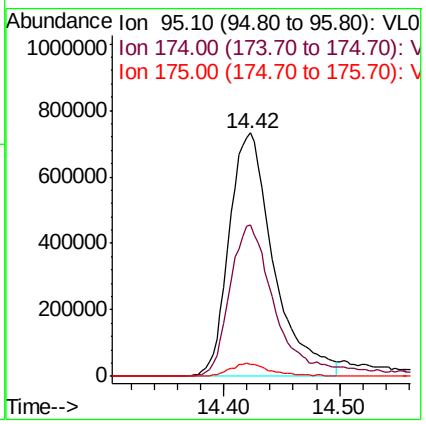




#68
1-Bromo-4-Fluorobenzene
Concen: 9.618 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL036715.D
Acq: 7 Apr 2021 2:21

Tgt Ion: 95 Resp: 1944741

Ion	Ratio	Lower	Upper
95	100		
174	67.6	51.0	76.6
175	5.3	3.9	5.9



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
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