Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037875.D
Acq On : 19 Oct 2021 8:27
Operator : SY/AP
Sample : M4068-14 LOD 0.45
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 02:53:27 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1080913	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3347965	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2794414	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1897285	9.71	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.10%			
Target Compounds						Qvalue
9) Propene	3.02	41	10748m	0.141	ppbv	
15) Acetone	3.88	43	15888m	0.164	ppbv	
20) Methylene Chloride	4.34	84	14404m	0.294	ppbv	

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

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Quant Time: Oct 20 02:53:27 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

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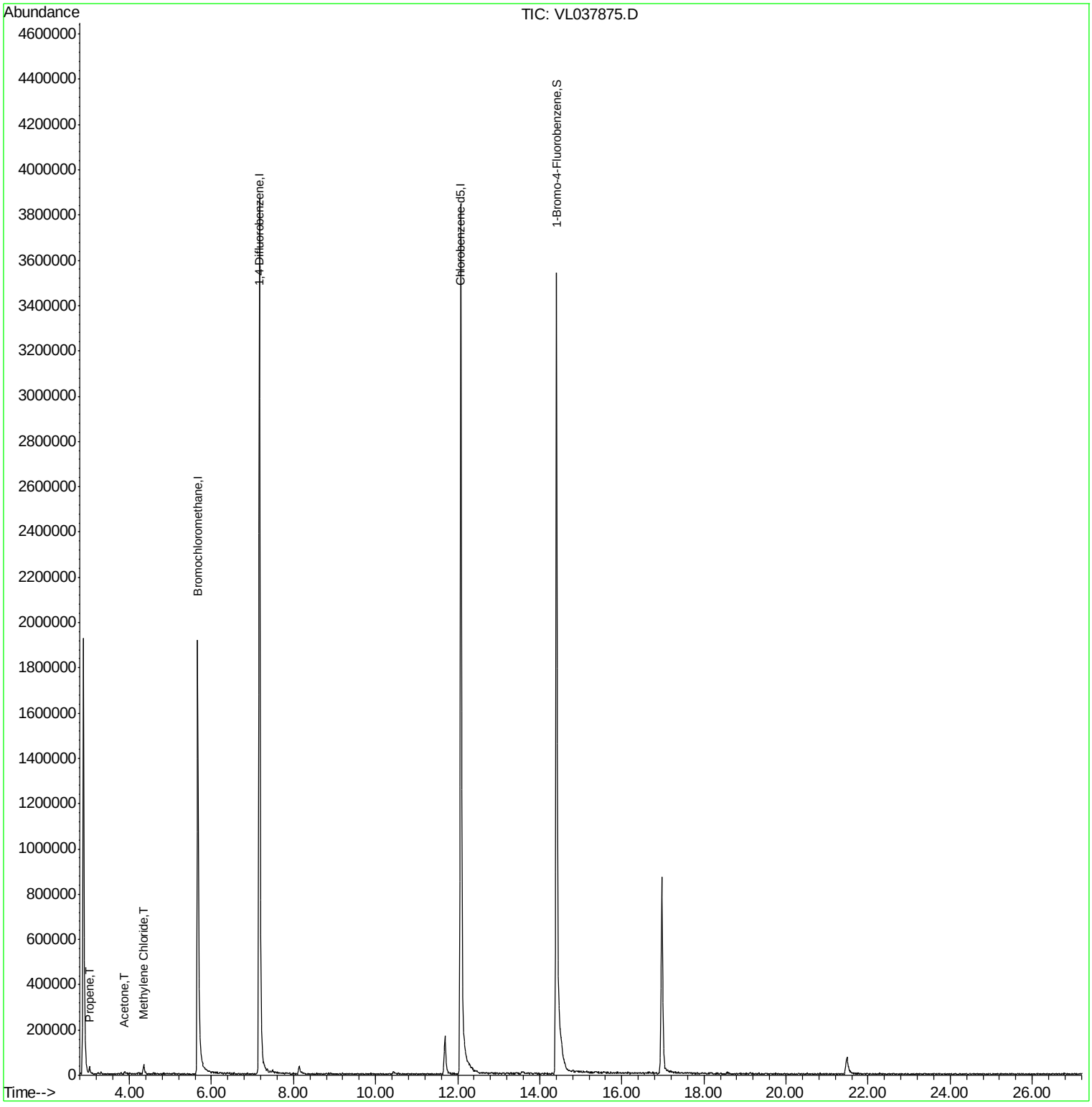

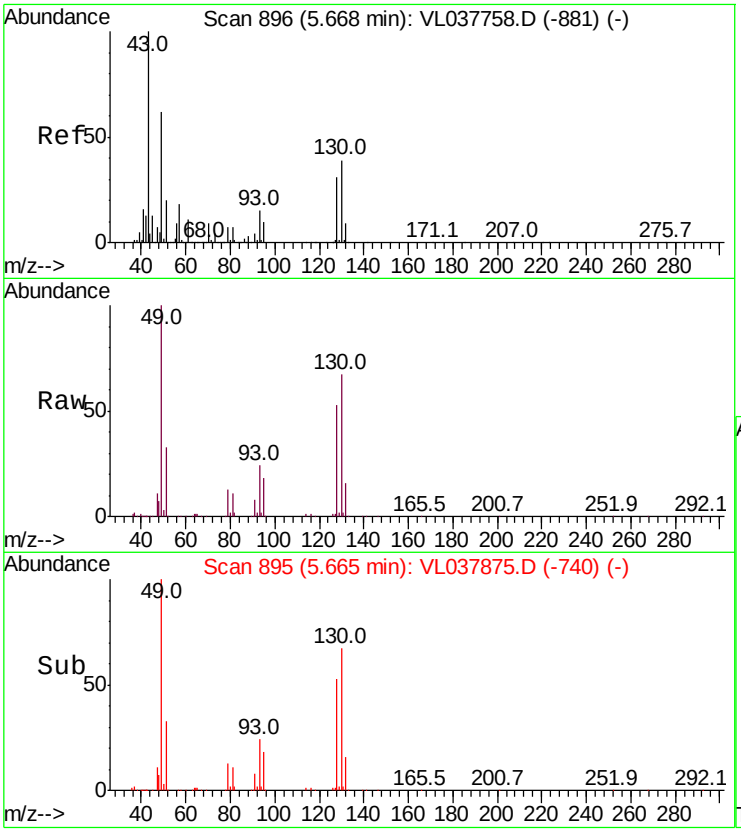

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 19 Oct 2021 8:27

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

Tgt Ion:

Ion	Rati
49	100
128	57.
130	73.

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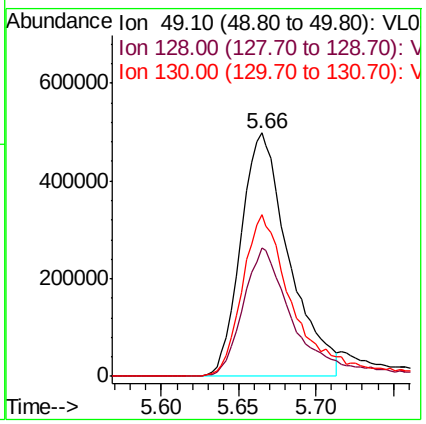
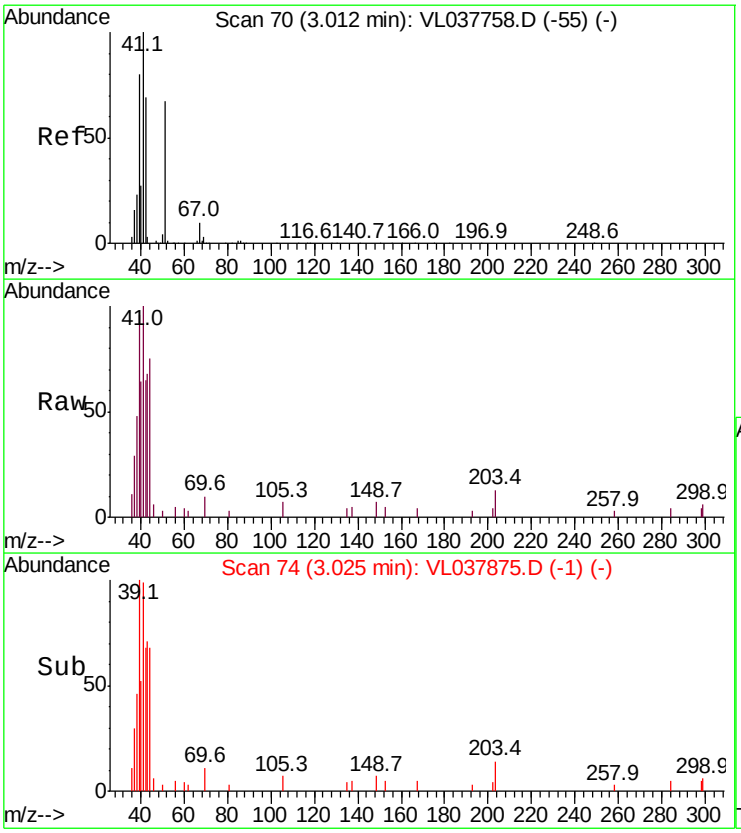
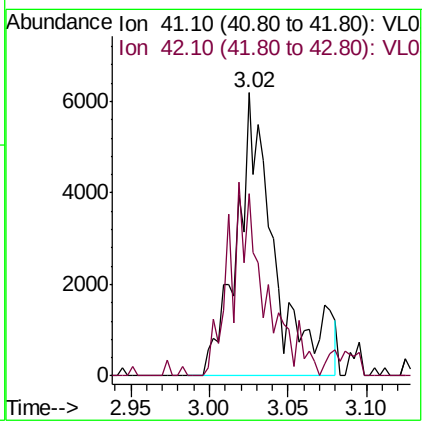


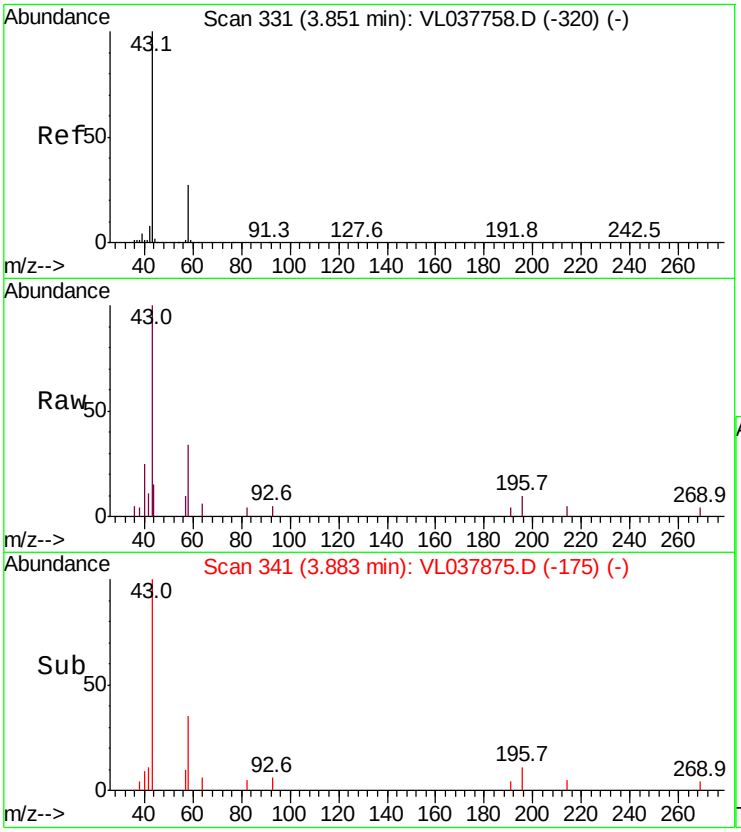


#9
Propene
Concen: 0.141 ppbv m
RT: 3.02 min Scan# 74
Delta R.T. 0.01 min
Lab File: VL037875.D
Acq: 19 Oct 2021 8:27

Tgt Ion: 41 Resp: 10748

Ion	Ratio	Lower	Upper
41	100		
42	6.4	54.2	81.2#





#15
Acetone
Concen: 0.164 ppbv m
RT: 3.88
Delta R.T
Lab File:
Acq: 19 Oct 2021 8:27

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion:

Ion	Rati
43	100
58	0.

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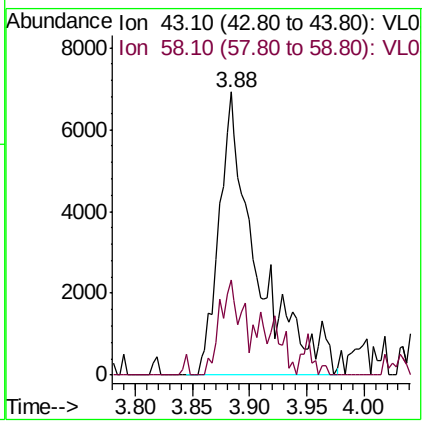
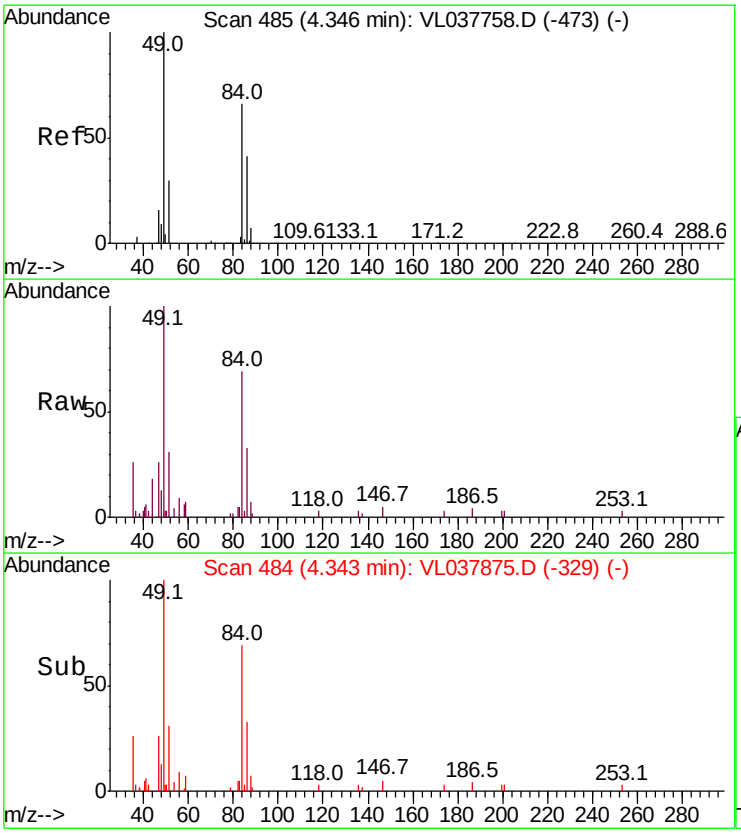
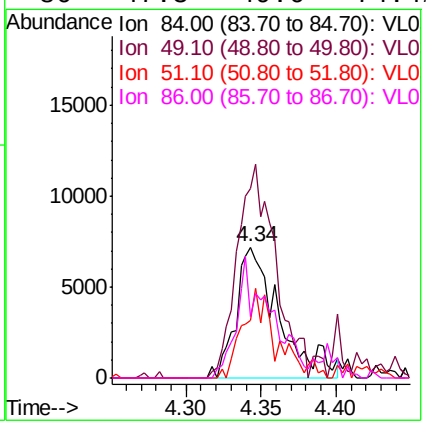


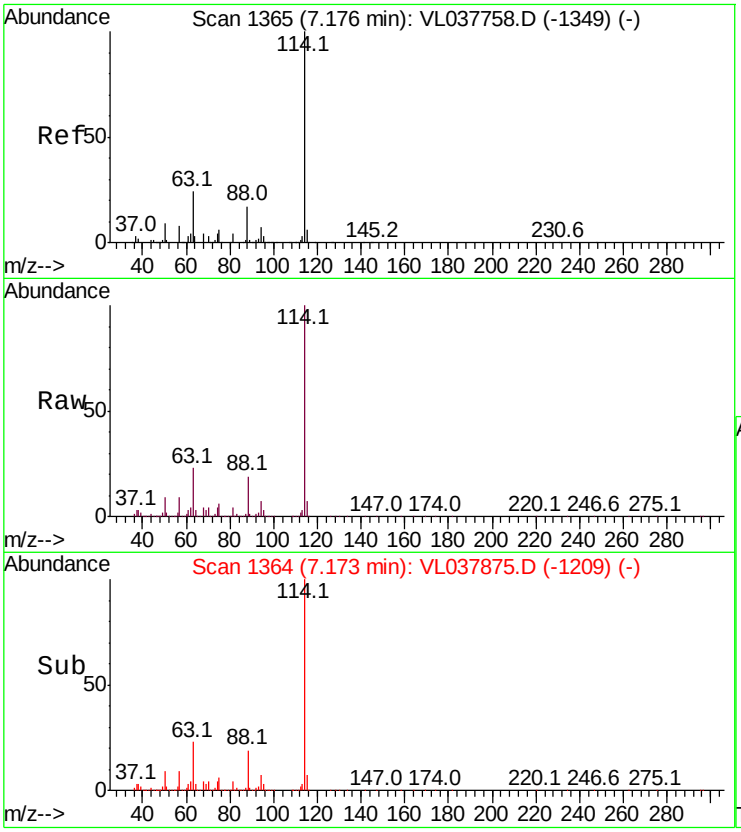


#20
Methylene Chloride
Concen: 0.294 ppbv m
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL037875.D
Acq: 19 Oct 2021 8:27

Tgt Ion: 84 Resp: 14404

Ion	Ratio	Lower	Upper
84	100		
49	144.7	120.7	181.1
51	44.4	36.2	54.4
86	47.3	49.6	74.4#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 19 Oct 2021 8:27

Tgt Ion:1
Ion Rati
114 100
63 24.
88 17.

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

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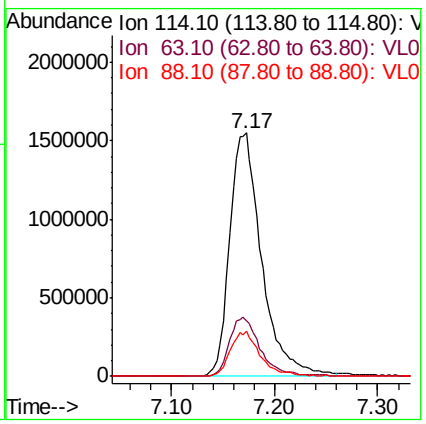
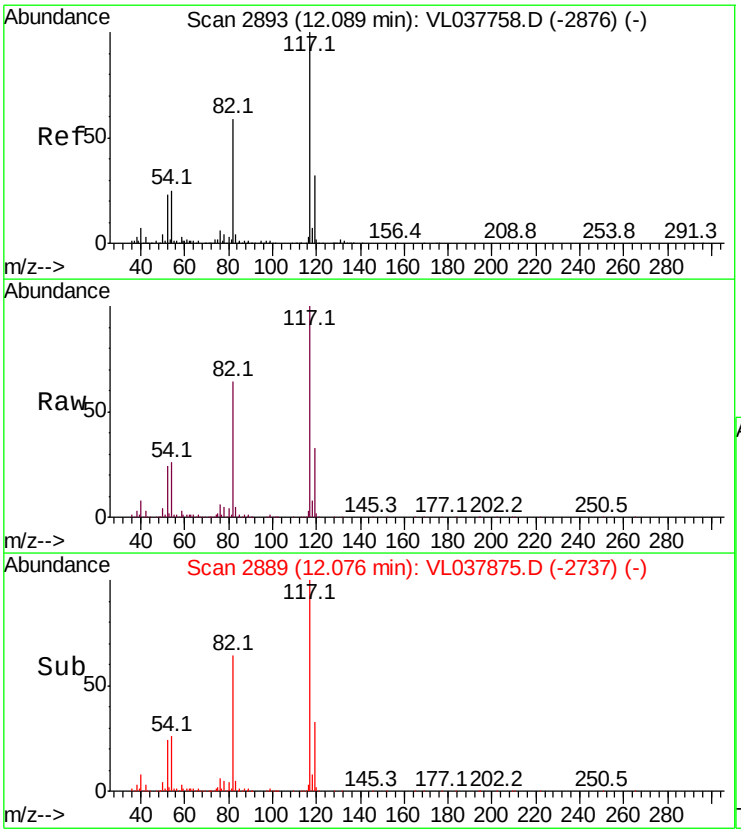
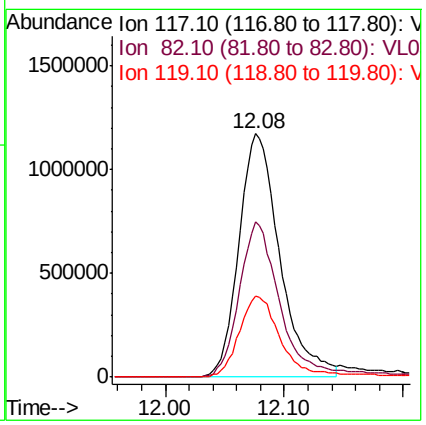


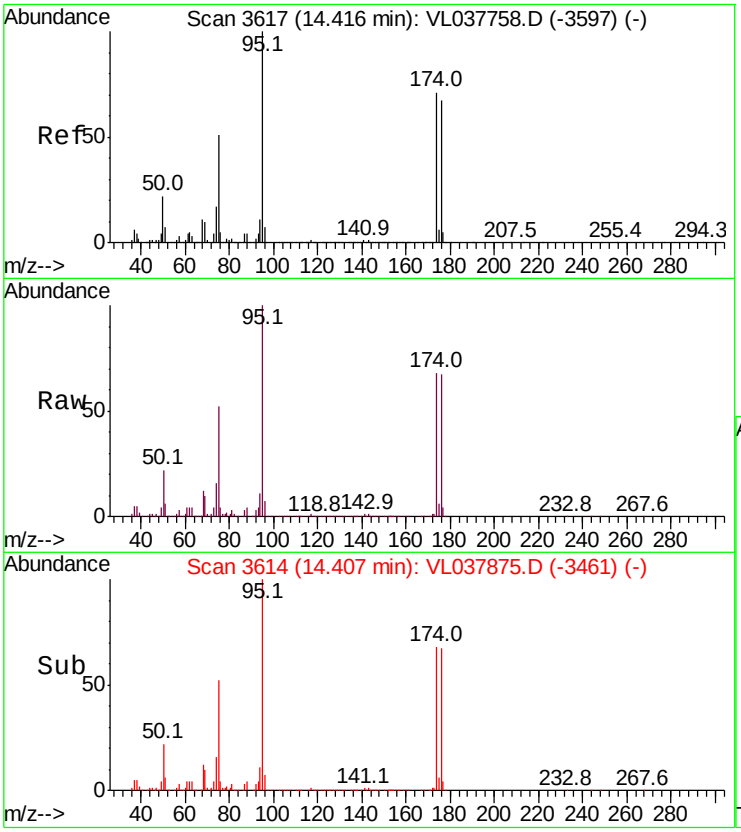


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL037875.D
Acq: 19 Oct 2021 8:27

Tgt Ion:117 Resp: 2794414

Ion	Ratio	Lower	Upper
117	100		
82	66.0	52.2	78.2
119	35.4	26.0	39.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.709 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 19 Oct 2021 8:27

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion:

Ion	Rati
95	100
174	77.
175	5.

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