Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111921\
Data File : VL038083.D
Acq On : 19 Nov 2021 13:47
Operator : SY/AP
Sample : M4704-01DL2 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
15-JOHNDL2

Quant Time: Nov 25 20:59:31 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	846878	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2384376	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1954731	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1564626	11.10	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 111.00%			
Target Compounds						Qvalue
9) Propene	3.01	41	59819	0.913	ppbv	98
15) Acetone	3.84	43	402500	5.482	ppbv	99

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

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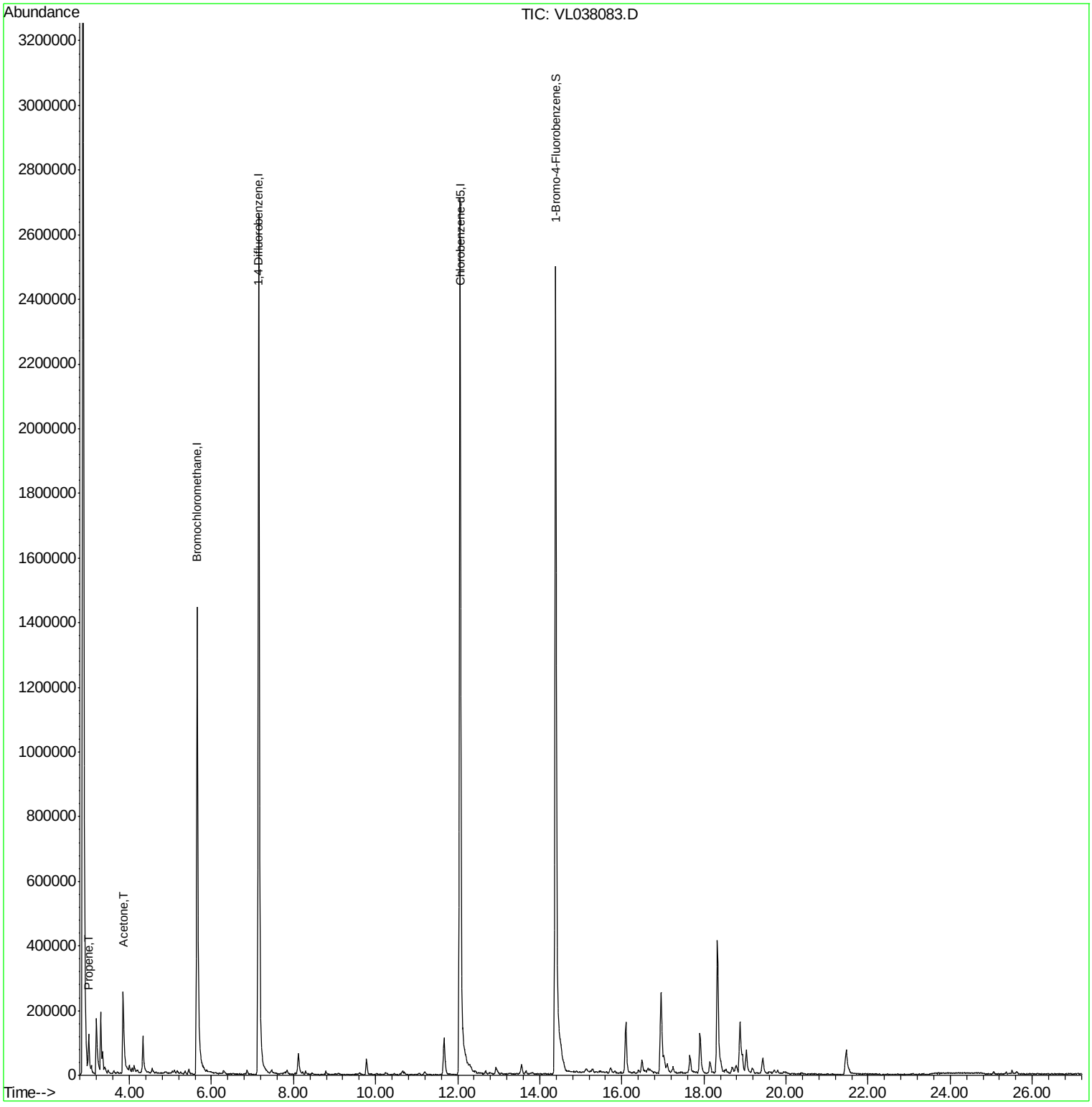
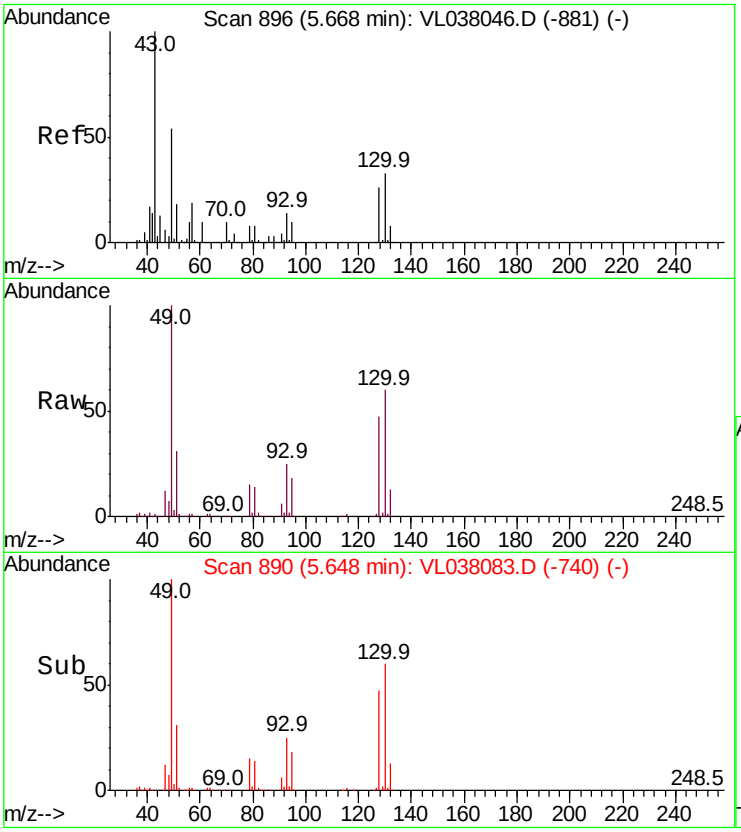


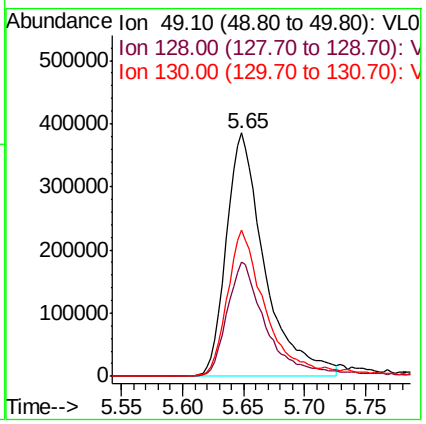


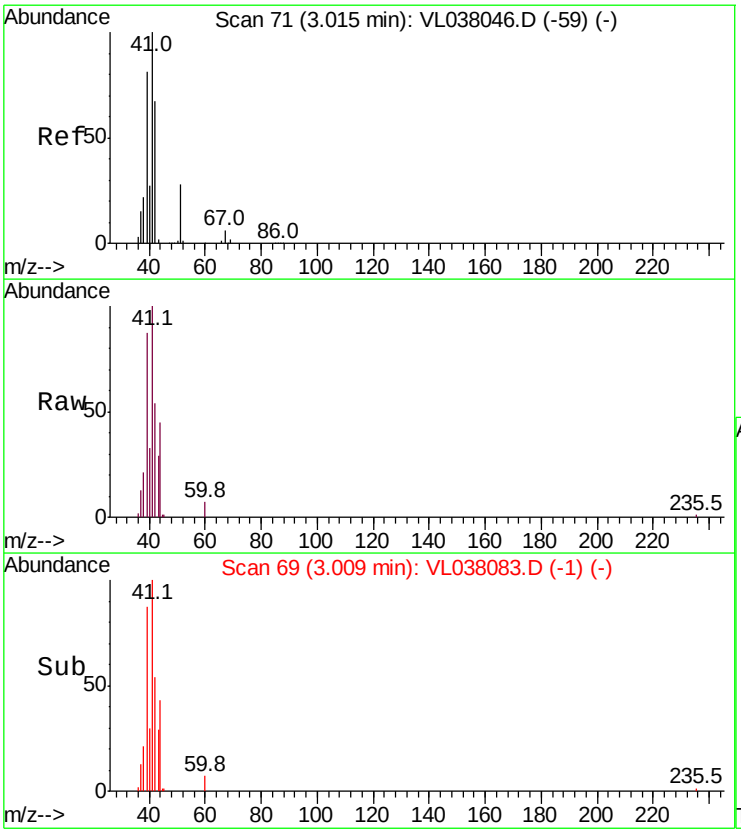
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 19 Nov 2021 13:47

Instrument :
MSVOA_L
ClientSampleId :
15-JOHNDL2

Tgt Ion: 49 Resp: 846878

Ion	Ratio	Lower	Upper
49	100		
128	49.0	26.5	79.5
130	62.2	32.5	97.4

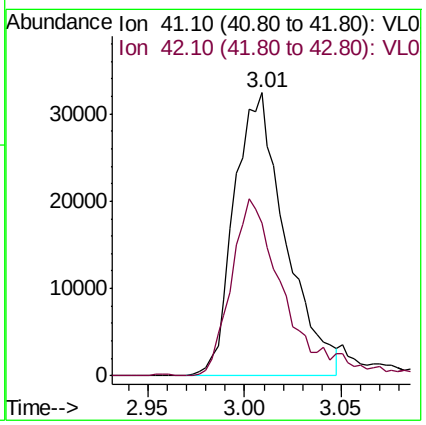


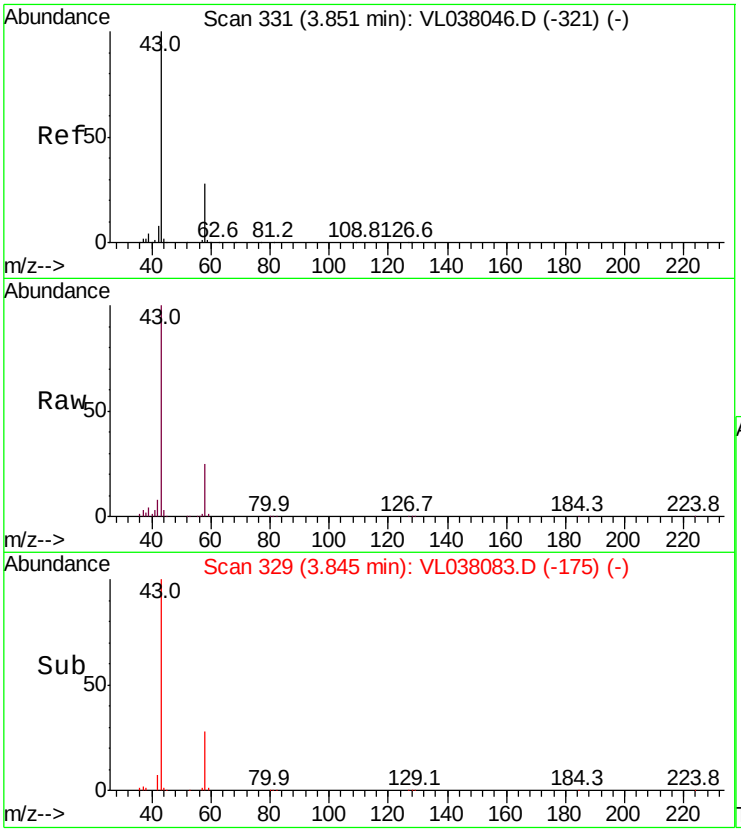


#9
Propene
Concen: 0.913 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.01 min
Lab File: VL038083.D
Acq: 19 Nov 2021 13:47

Tgt Ion: 41 Resp: 59819

Ion	Ratio	Lower	Upper
41	100		
42	65.7	53.8	80.8



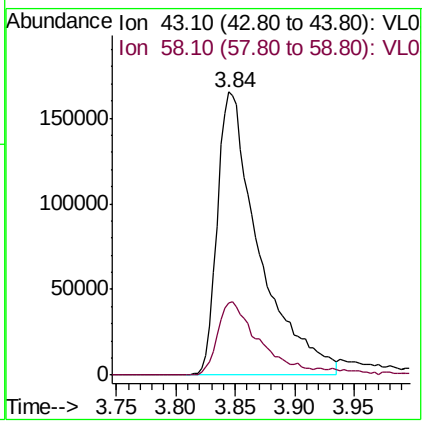


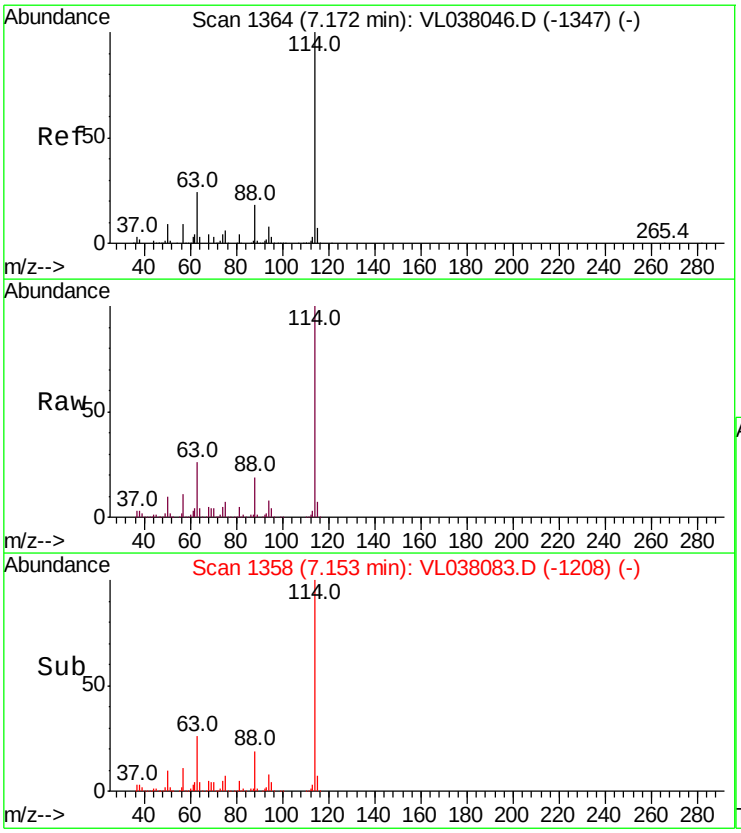
#15
Acetone
Concen: 5.482 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 19 Nov 2021 13:47

Instrument :
MSVOA_L
ClientSampleId :
15-JOHNDL2

Tgt Ion: 43 Resp: 402500

Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.4	33.6

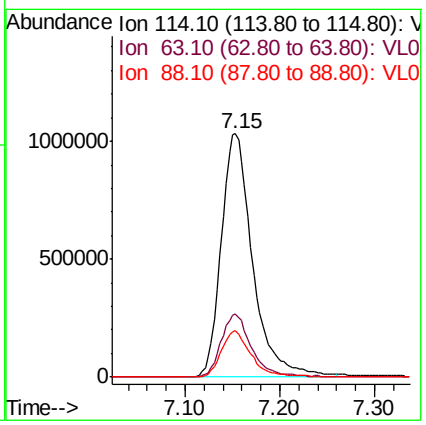


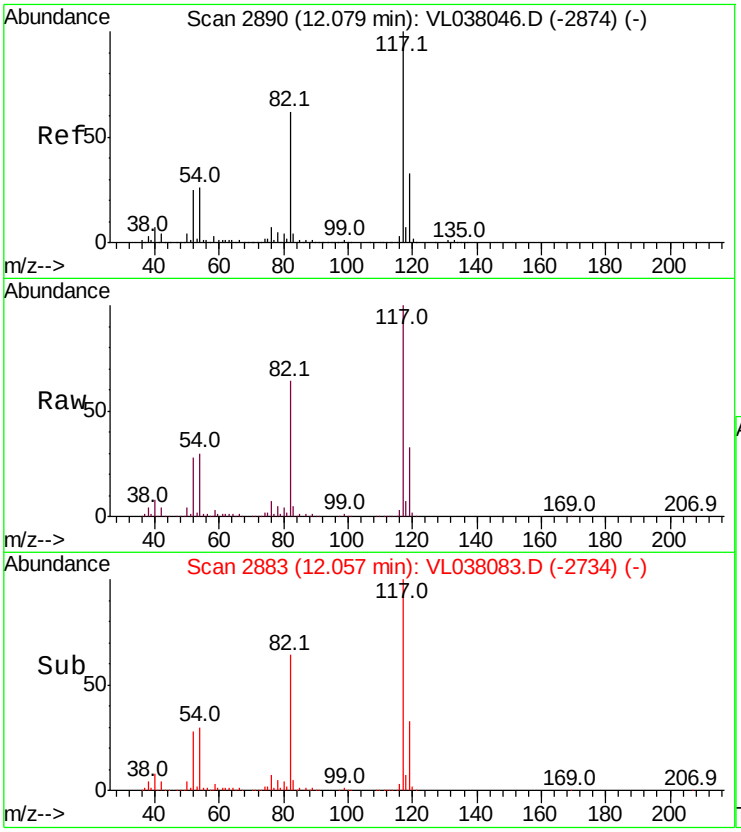


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.02 min
Lab File: VL038083.D
Acq: 19 Nov 2021 13:47

Tgt Ion:114 Resp: 2384376

Ion	Ratio	Lower	Upper
114	100		
63	25.6	19.7	29.5
88	18.4	14.4	21.6



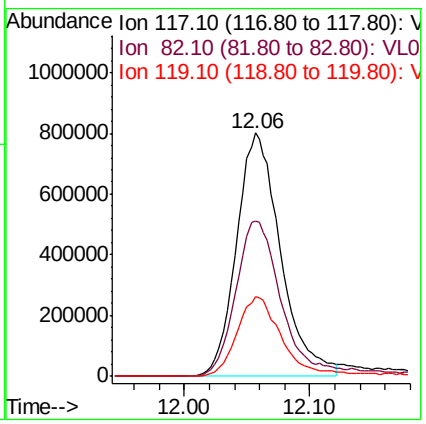


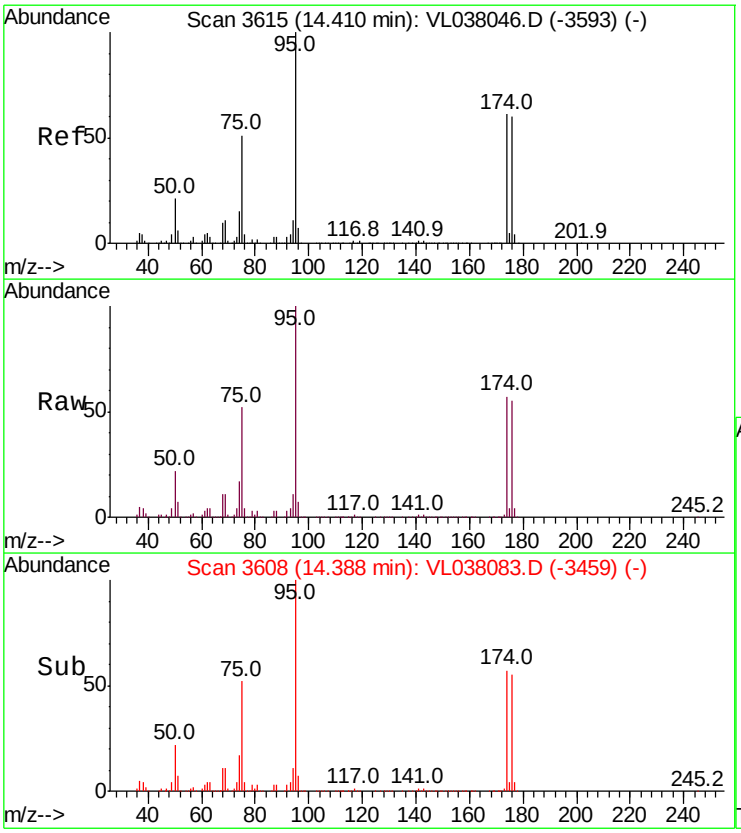
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 19 Nov 2021 13:47

Instrument :
MSVOA_L
ClientSampleId :
15-JOHNDL2

Tgt Ion:117 Resp: 1954731

Ion	Ratio	Lower	Upper
117	100		
82	72.2	52.8	79.2
119	35.8	26.8	40.2





#68
1-Bromo-4-Fluorobenzene
Concen: 11.097 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.02 min
Lab File: VL038083.D
Acq: 19 Nov 2021 13:47

Tgt Ion: 95 Resp: 1564626

Ion	Ratio	Lower	Upper
95	100		
174	61.6	53.1	79.7
175	4.0	4.0	6.0