Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050922\
Data File : VL038989.D
Acq On : 9 May 2022 15:46
Operator : SY/AP
Sample : VL0509ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0509ABL01

Quant Time: May 10 05:43:08 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1060676	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.15	114	2595232	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2179805	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1787961	10.36	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.60%			
Target Compounds						Qvalue
20) Methylene Chloride	4.33	84	1403	0.037	ppbv #	43
39) 1,2-Dichloropropane	7.16	63	739817	8.561	ppbv #	26

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

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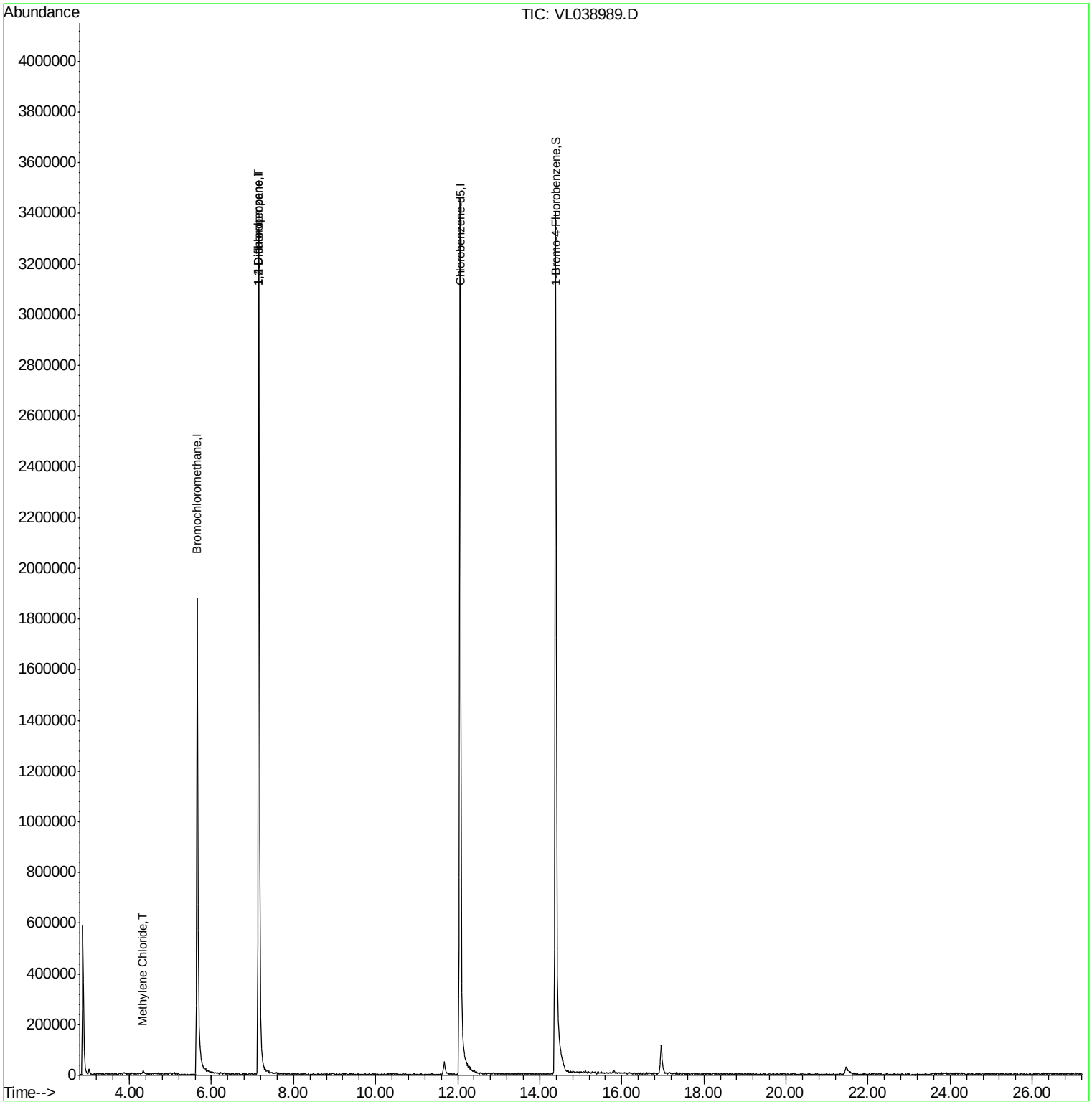
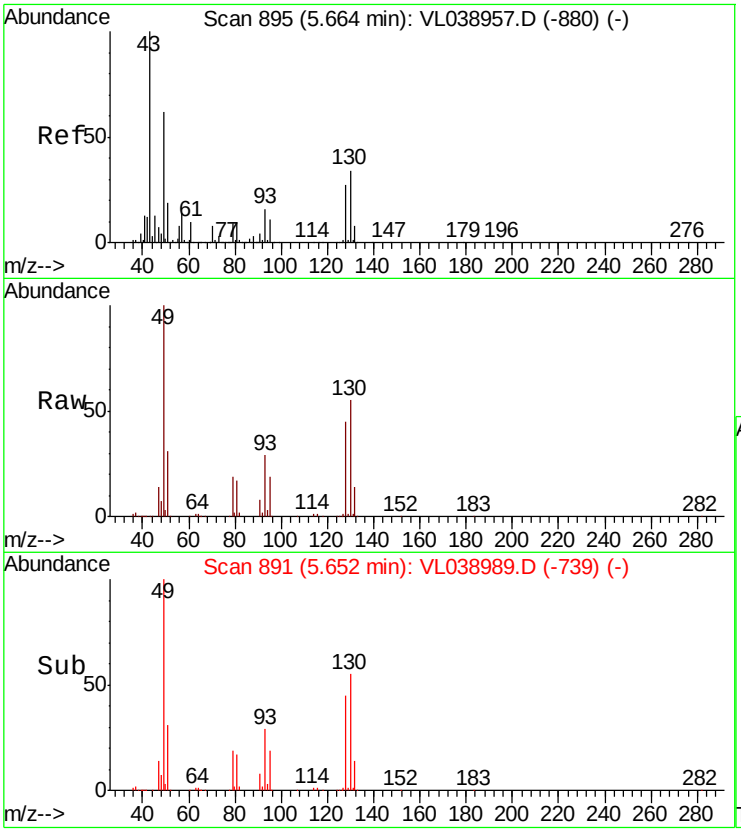


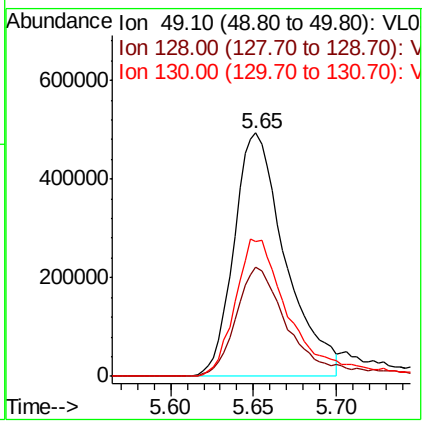


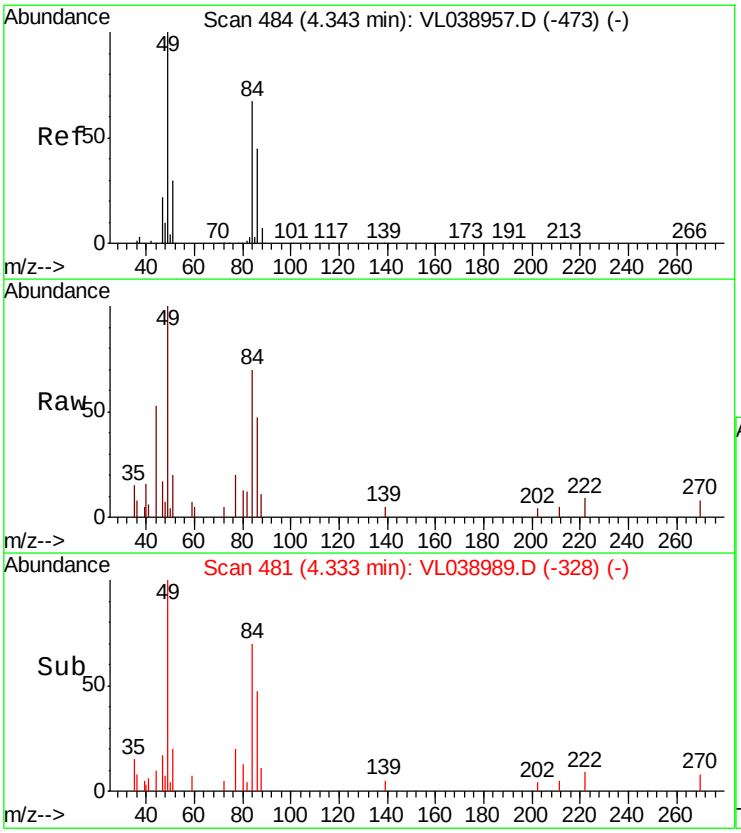
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 9 May 2022 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABL01

Tgt Ion: 49 Resp: 1060676

Ion	Ratio	Lower	Upper
49	100		
128	48.7	23.3	69.8
130	63.0	29.8	89.3

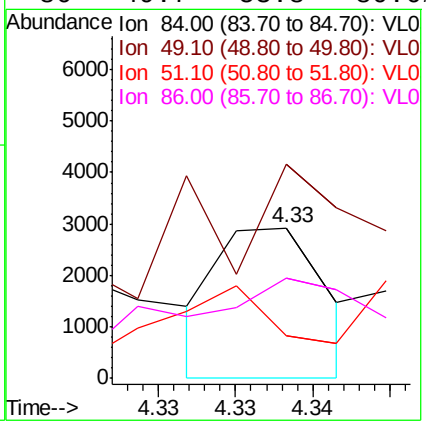


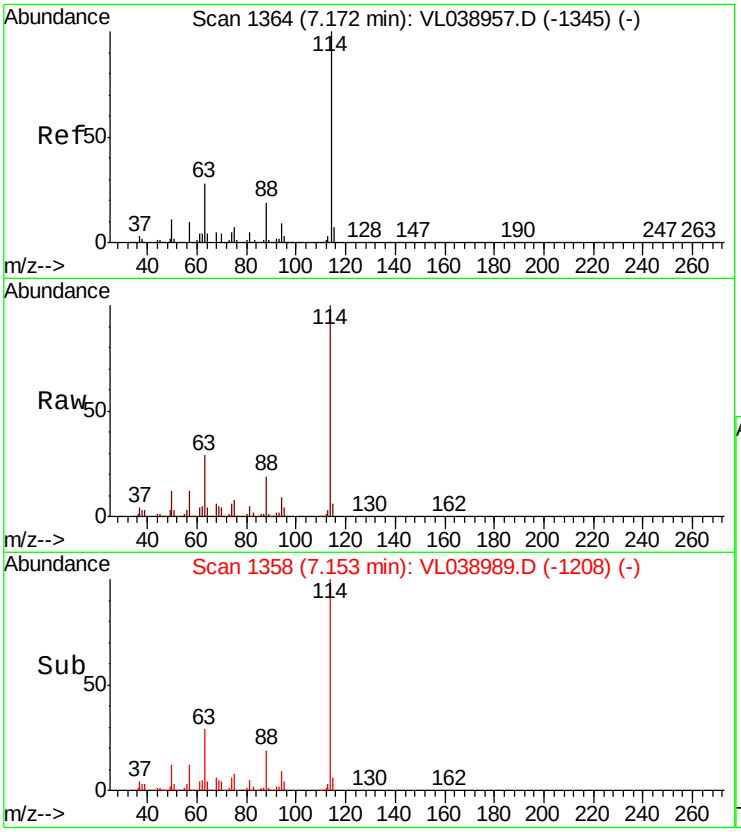


#20
Methylene Chloride
Concen: 0.037 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL038989.D
Acq: 9 May 2022 15:46

Tgt Ion: 84 Resp: 1403

Ion	Ratio	Lower	Upper
84	100		
49	55.3	119.9	179.9#
51	9.9	35.7	53.5#
86	49.7	53.8	80.6#



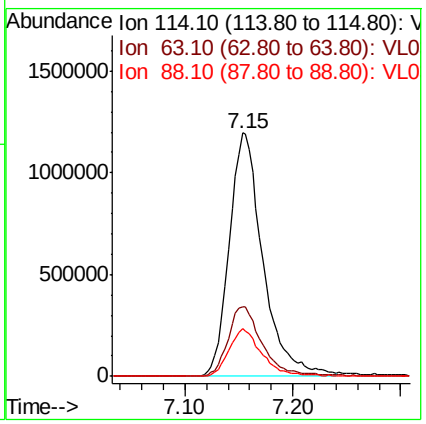


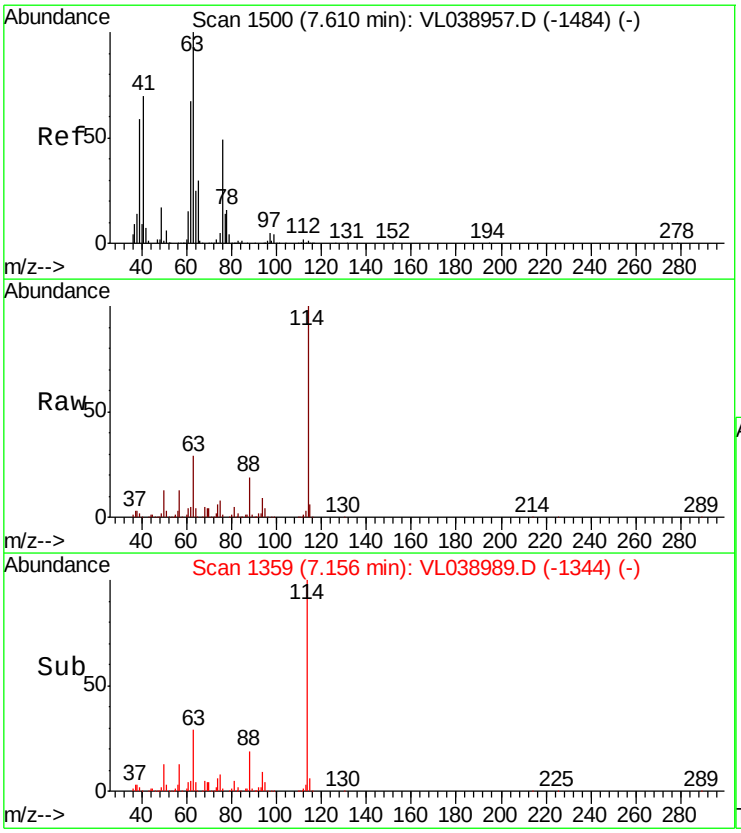
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 9 May 2022 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABL01

Tgt Ion:114 Resp: 2595232

Ion	Ratio	Lower	Upper
114	100		
63	29.7	22.6	33.8
88	19.4	15.4	23.0

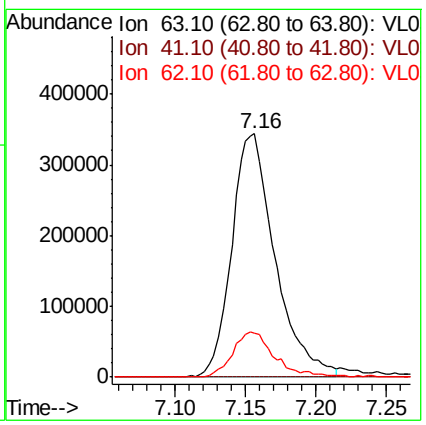


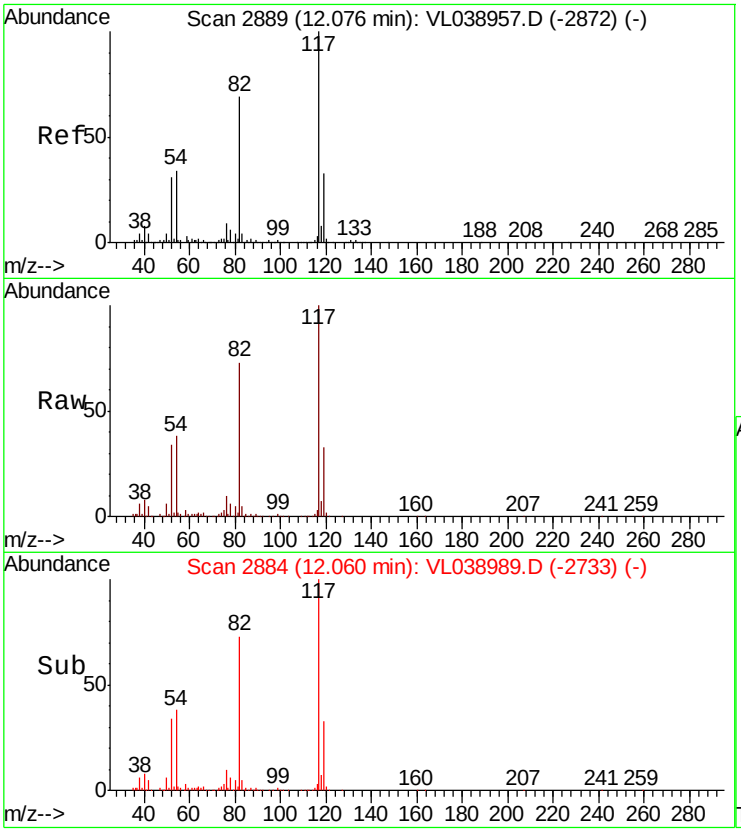


#39
1,2-Dichloropropane
Concen: 8.561 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.45 min
Lab File: VL038989.D
Acq: 9 May 2022 15:46

Tgt Ion: 63 Resp: 739817

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	17.9	53.8	80.6#



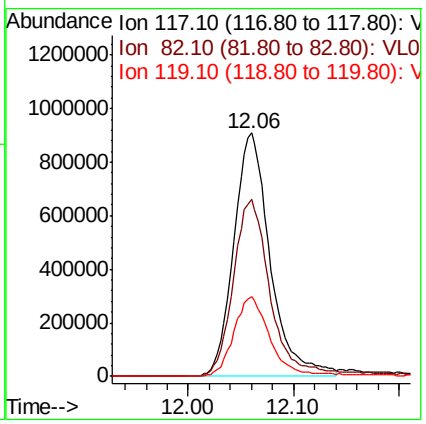


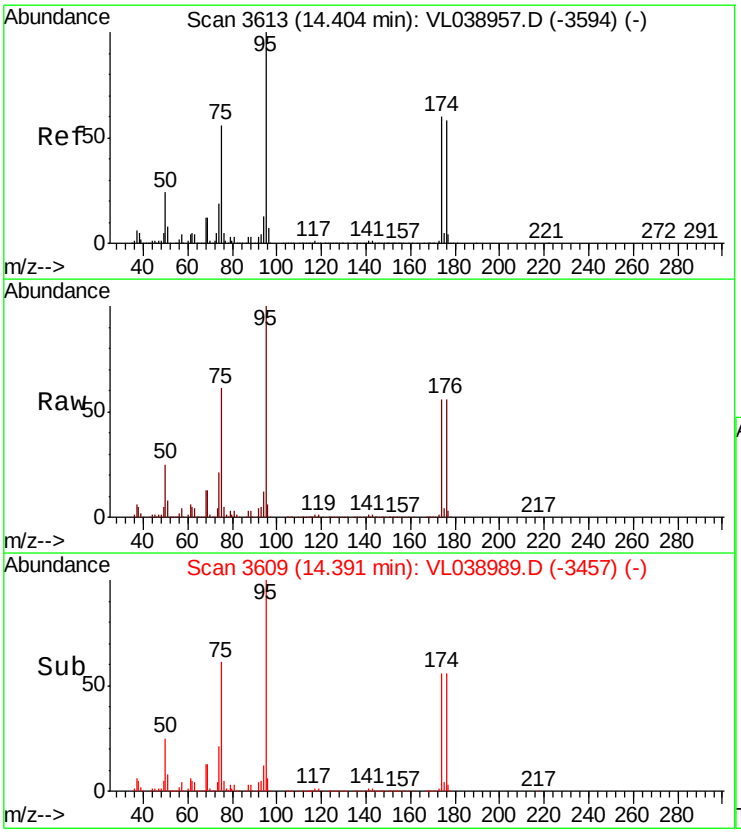
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 9 May 2022 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABL01

Tgt Ion:117 Resp: 2179805

Ion	Ratio	Lower	Upper
117	100		
82	75.5	57.0	85.6
119	33.9	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.357 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.01 min
Lab File: VL038989.D
Acq: 9 May 2022 15:46

Tgt Ion: 95 Resp: 1787961

Ion	Ratio	Lower	Upper
95	100		
174	62.7	50.8	76.2
175	4.7	3.8	5.6