Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120721\
Data File : VL038160.D
Acq On : 8 Dec 2021 8:49
Operator : SY/AP
Sample : QC120121 CAN 10054
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC120121 CAN 10054

Quant Time: Dec 08 15:04:20 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	5.66	49	773459	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2155647	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1808908	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1445166	11.08	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 110.80%			
Target Compounds						Qvalue
20) Methylene Chloride	4.36	84	9533	0.254	ppbv	85

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

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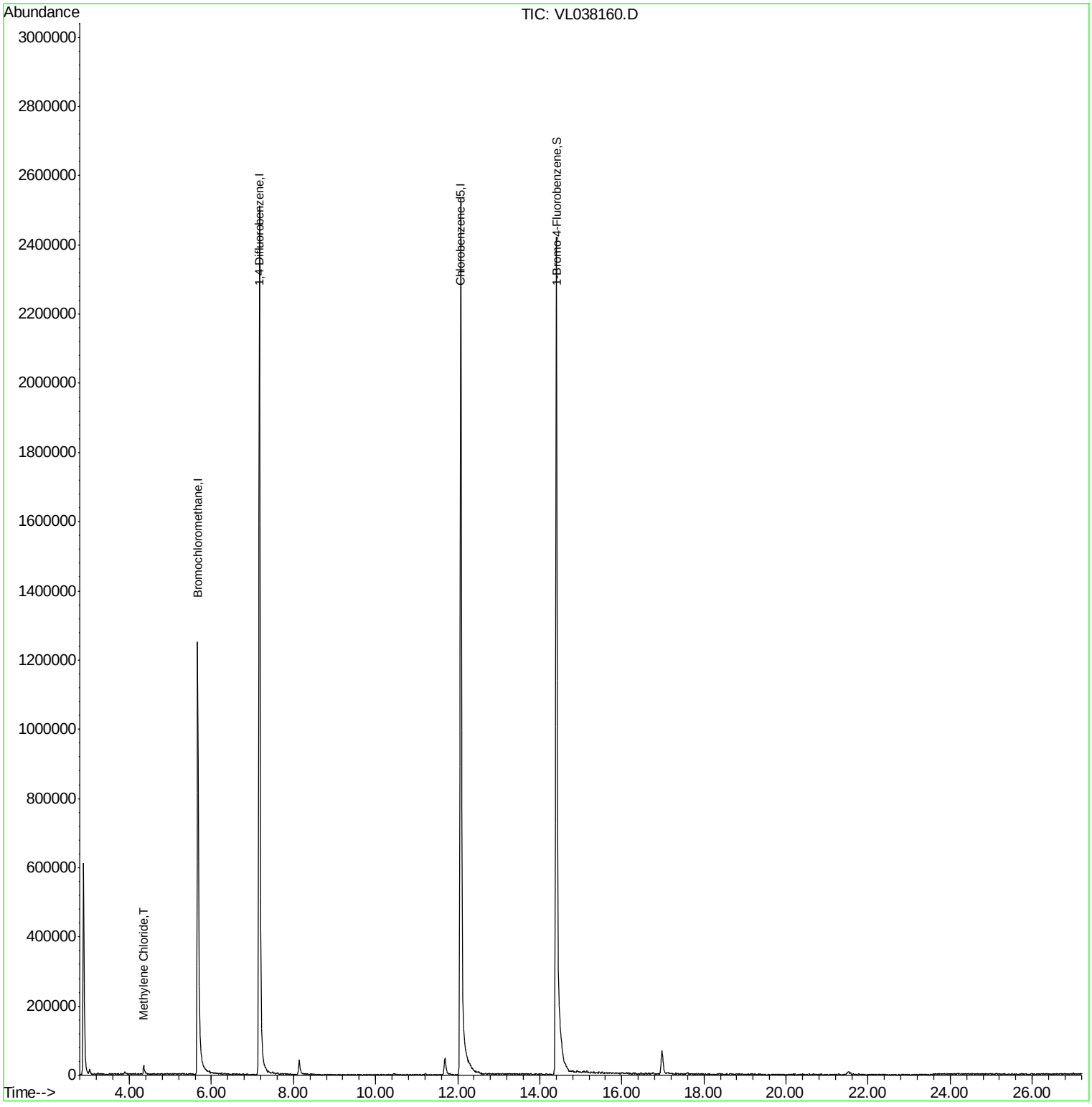
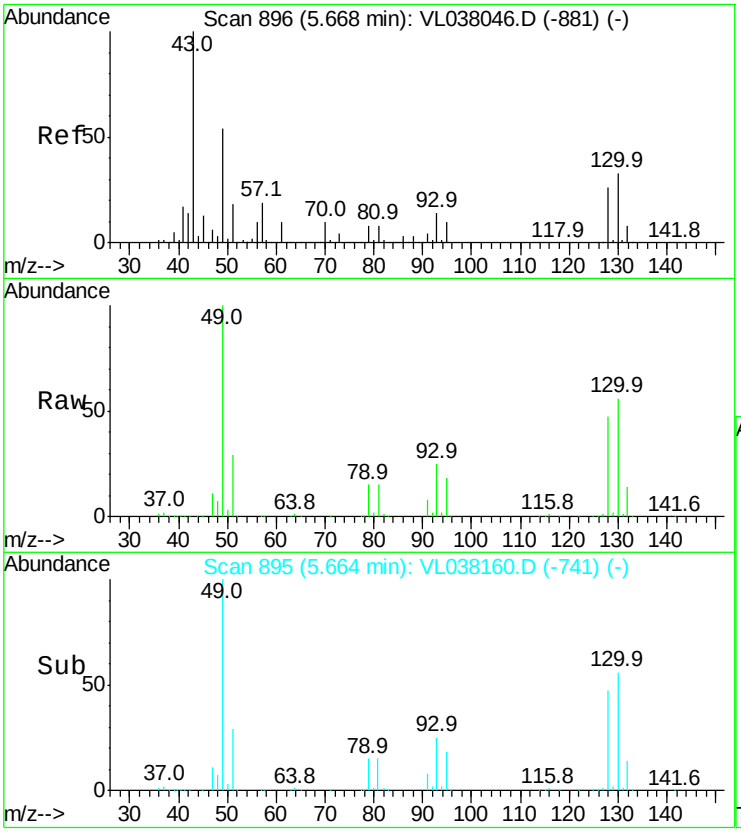


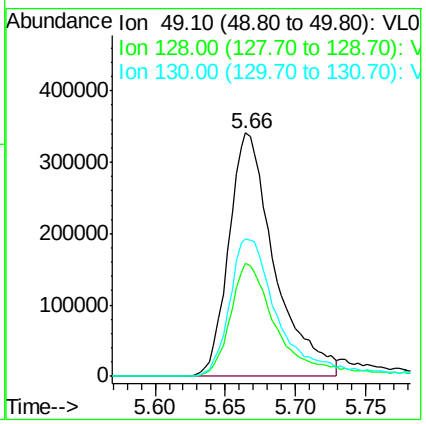


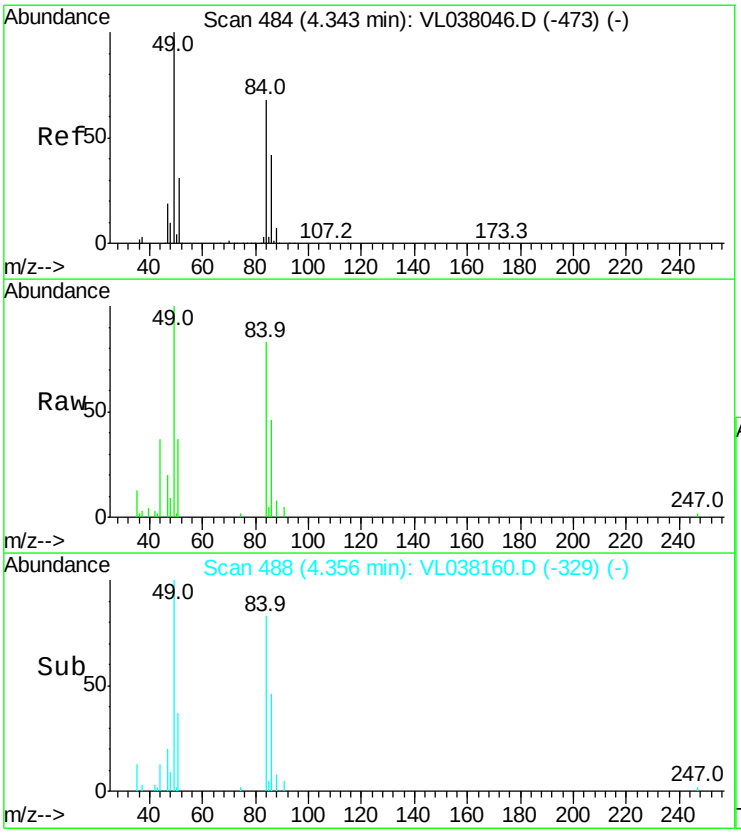
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 8 Dec 2021 8:49

Instrument :
MSVOA_L
ClientSampleId :
QC120121 CAN 10054

Tgt Ion: 49 Resp: 773459

Ion	Ratio	Lower	Upper
49	100		
128	49.3	26.5	79.5
130	63.2	32.5	97.4

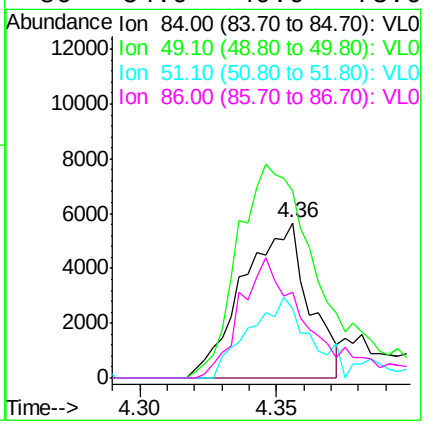


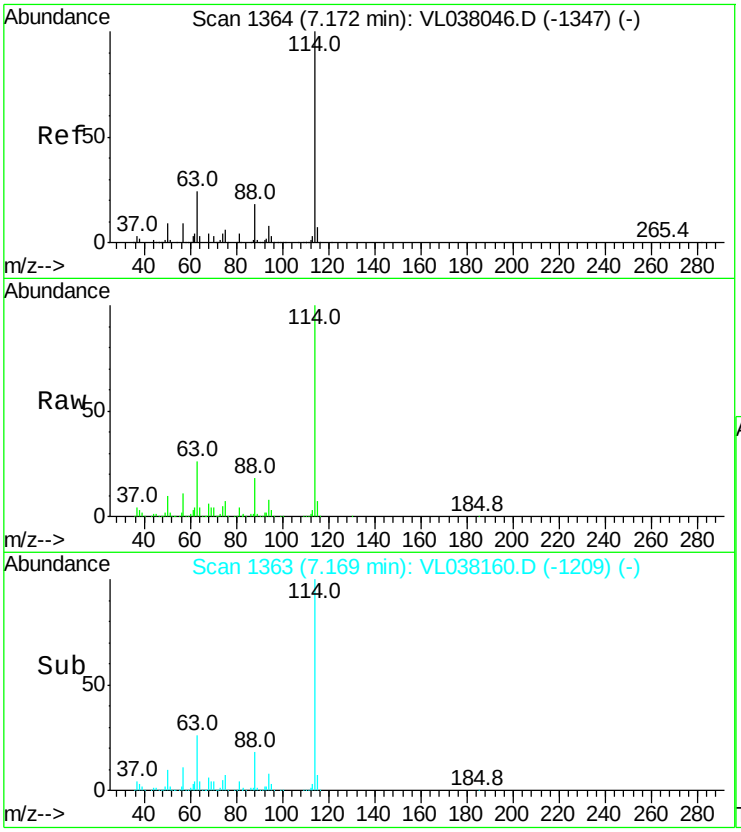


#20
Methylene Chloride
Concen: 0.254 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL038160.D
Acq: 8 Dec 2021 8:49

Tgt Ion: 84 Resp: 9533

Ion	Ratio	Lower	Upper
84	100		
49	120.4	118.2	177.2
51	44.8	36.8	55.2
86	54.9	49.0	73.6



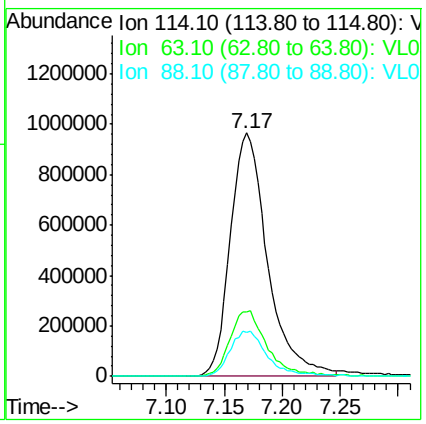


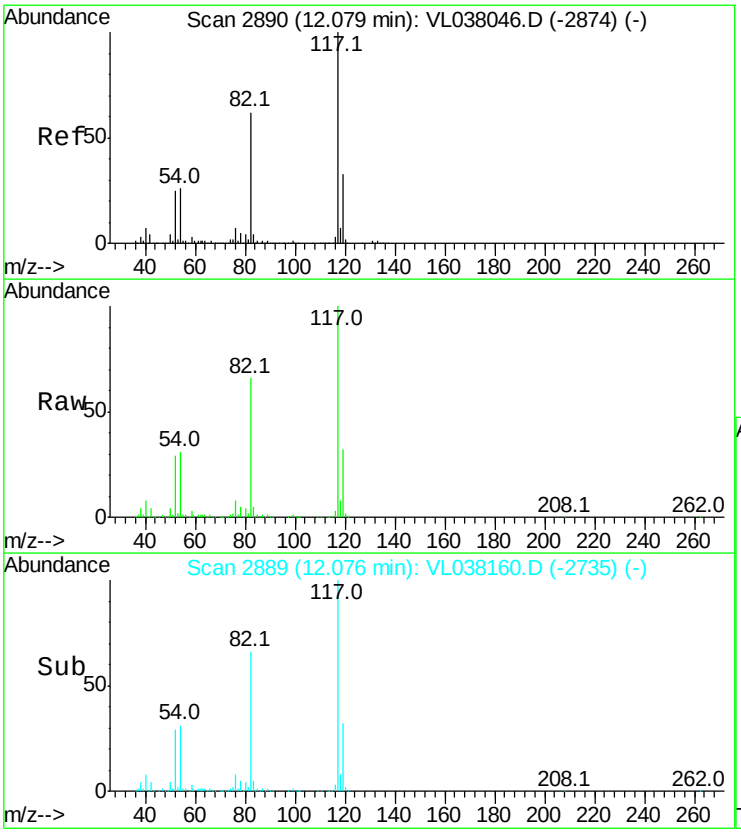
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 8 Dec 2021 8:49

Instrument :
MSVOA_L
ClientSampleId :
QC120121 CAN 10054

Tgt Ion:114 Resp: 2155647

Ion	Ratio	Lower	Upper
114	100		
63	27.5	19.7	29.5
88	19.2	14.4	21.6

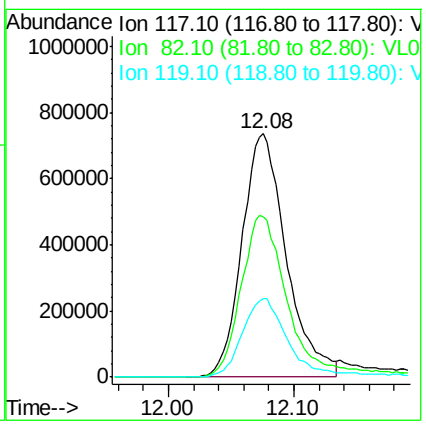


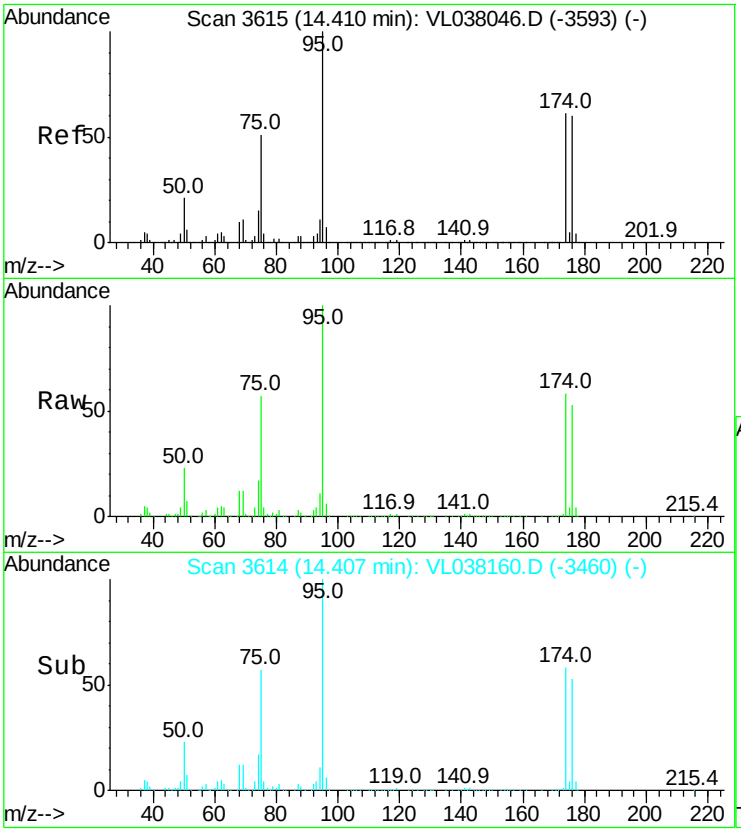


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VL038160.D
Acq: 8 Dec 2021 8:49

Tgt Ion:117 Resp: 1808908

Ion	Ratio	Lower	Upper
117	100		
82	75.4	52.8	79.2
119	35.4	26.8	40.2





#68
1-Bromo-4-Fluorobenzene
Concen: 11.076 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 8 Dec 2021 8.49

Instrument :
MSVOA_L
ClientSampleId :
QC120121 CAN 10054

Tgt Ion: 95 Resp: 1445166

Ion	Ratio	Lower	Upper
95	100		
174	63.3	53.1	79.7
175	4.7	4.0	6.0