Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022521\
Data File : VL036381.D
Acq On : 25 Feb 2021 14:54
Operator : SY/AP
Sample : QC022321 CAN 10727
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC022321 CAN 10727

Quant Time: Feb 26 10:56:01 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1599642	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.16	114	3451482	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3254098	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2683939	10.02	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.20%			
Target Compounds						Qvalue
20) Methylene Chloride	4.33	84	38457	0.610	ppbv	# 87

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

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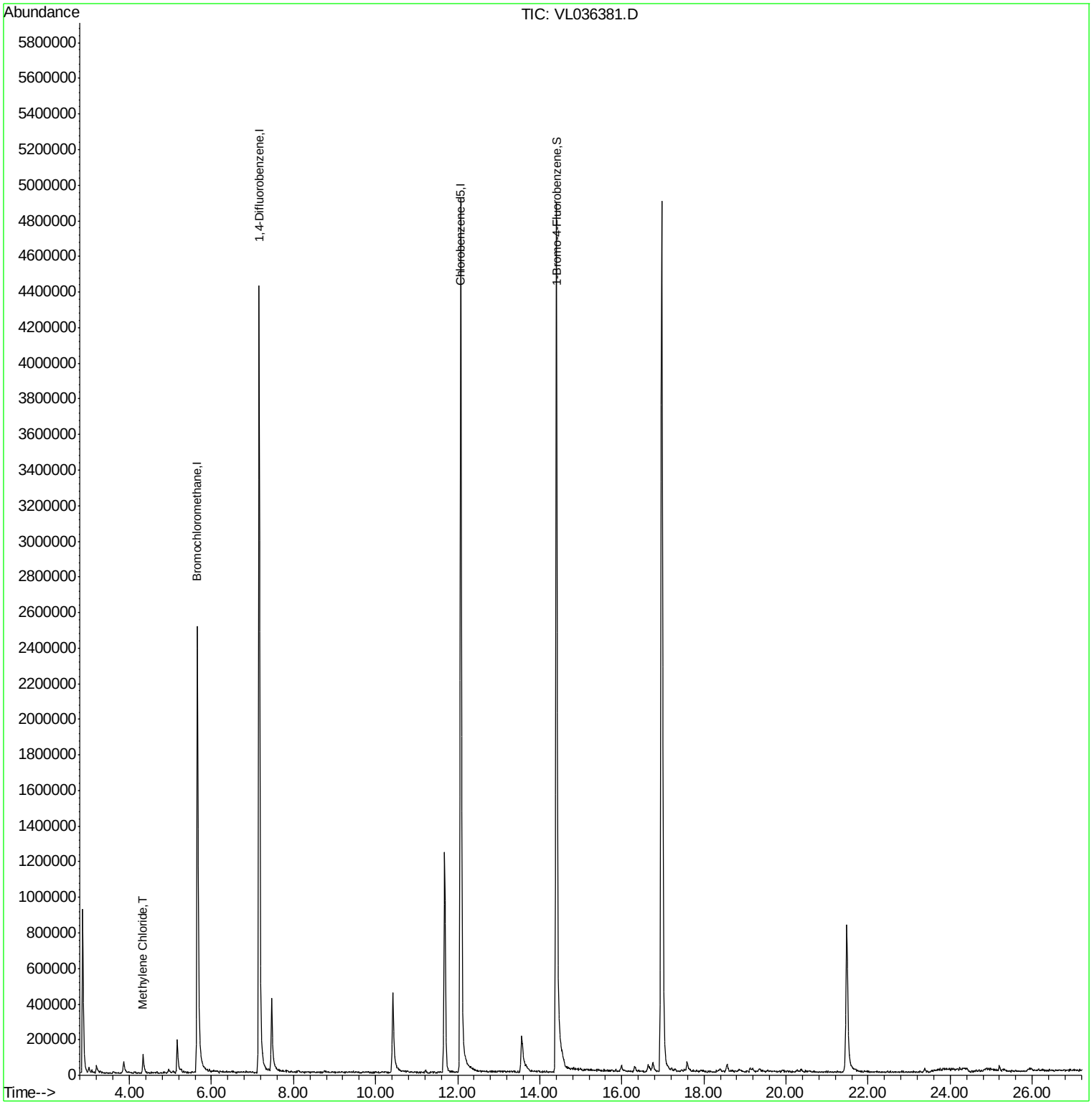
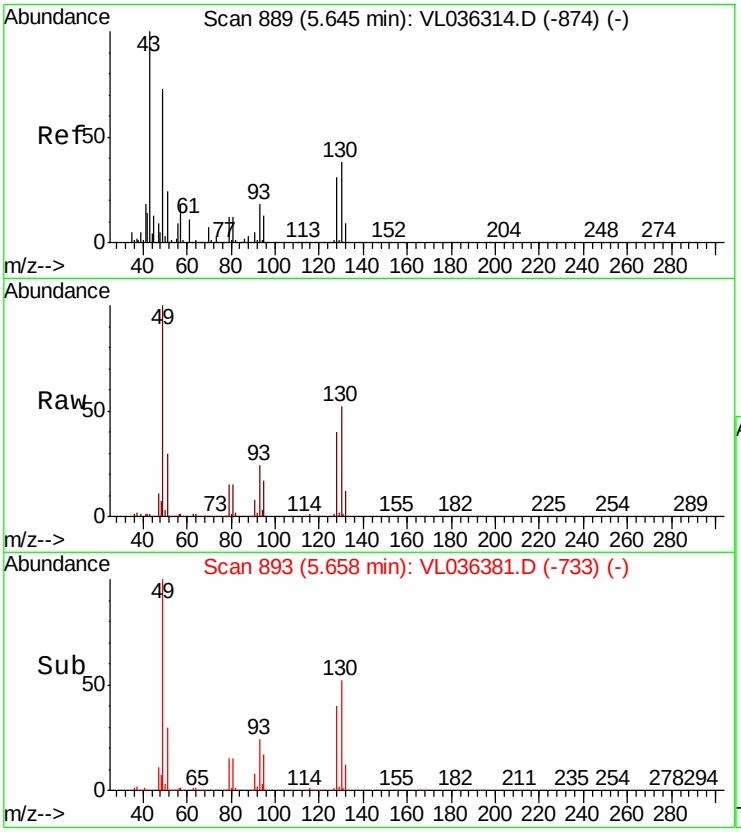


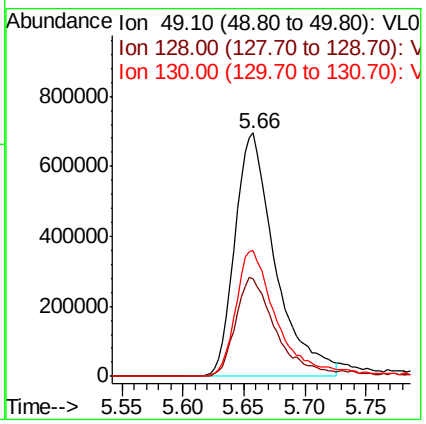


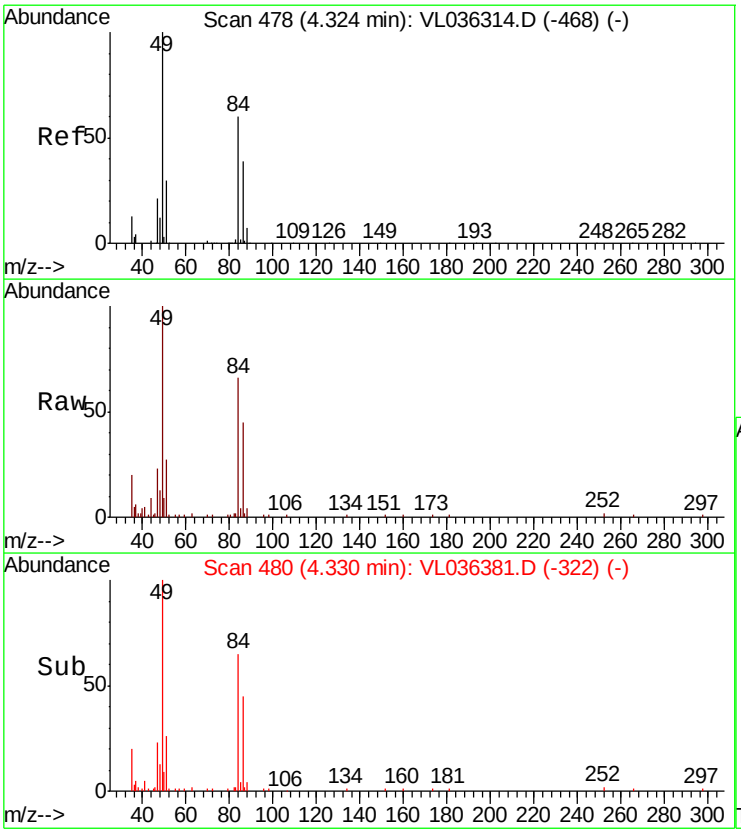
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. 0.01 min
Lab File: VL036381.D
Acq: 25 Feb 2021 14:54

Instrument :
MSVOA_L
ClientSampleId :
QC022321 CAN 10727

Tgt Ion: 49 Resp: 1599642

Ion	Ratio	Lower	Upper
49	100		
128	42.7	20.8	62.5
130	53.7	26.7	80.1

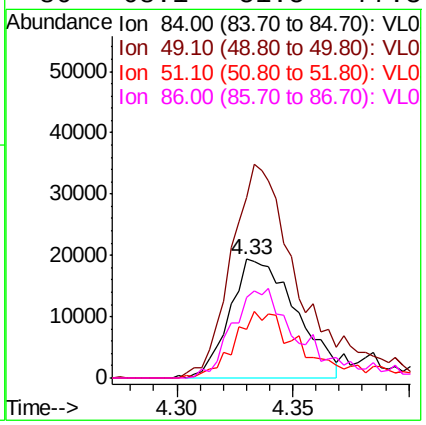


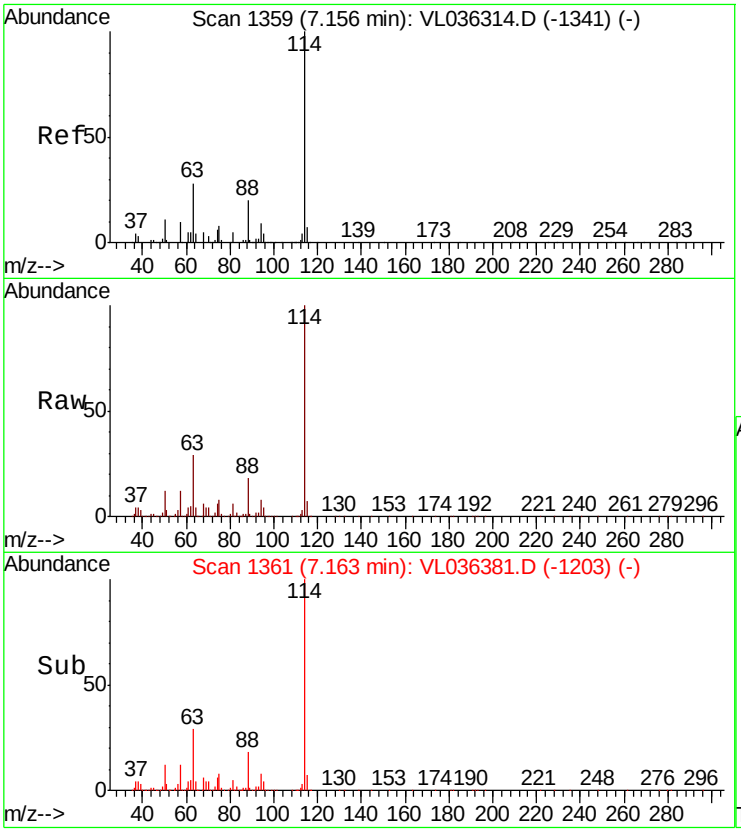


#20
Methylene Chloride
Concen: 0.610 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.01 min
Lab File: VL036381.D
Acq: 25 Feb 2021 14:54

Tgt Ion: 84 Resp: 38457

Ion	Ratio	Lower	Upper
84	100		
49	147.3	133.8	200.8
51	38.5	41.4	62.0#
86	68.1	51.5	77.3



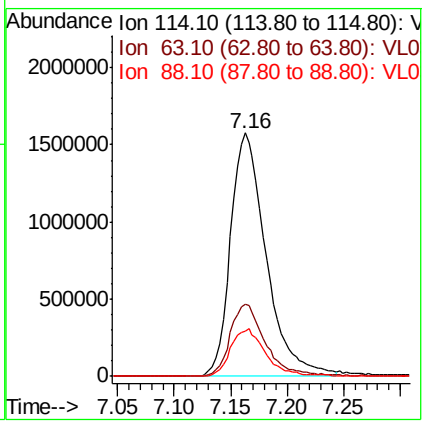


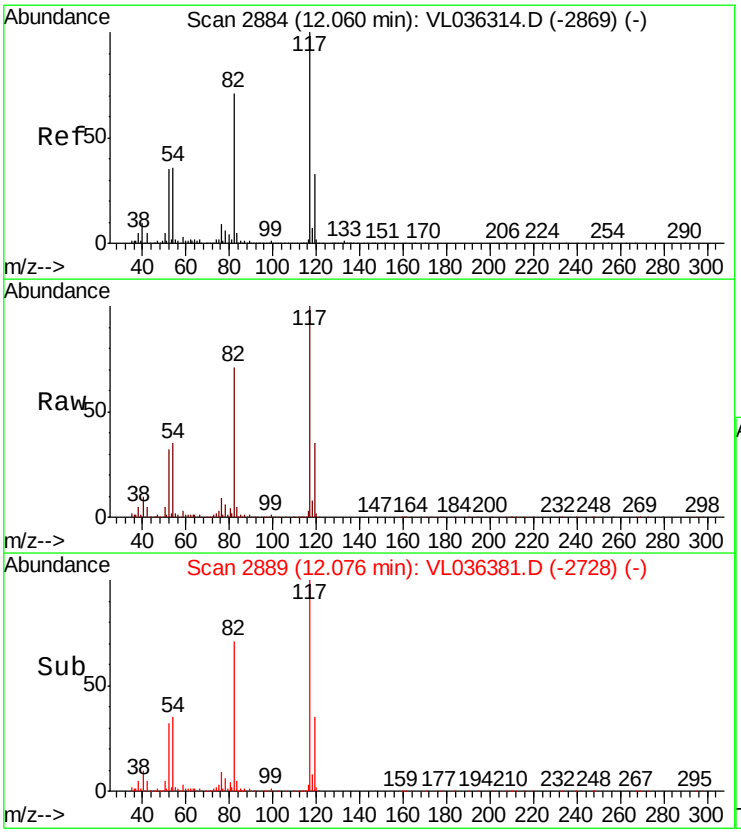
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.01 min
Lab File: VL036381.D
Acq: 25 Feb 2021 14:54

Instrument :
MSVOA_L
ClientSampleId :
QC022321 CAN 10727

Tgt Ion:114 Resp: 3451482

Ion	Ratio	Lower	Upper
114	100		
63	29.8	24.1	36.1
88	19.7	16.0	24.0

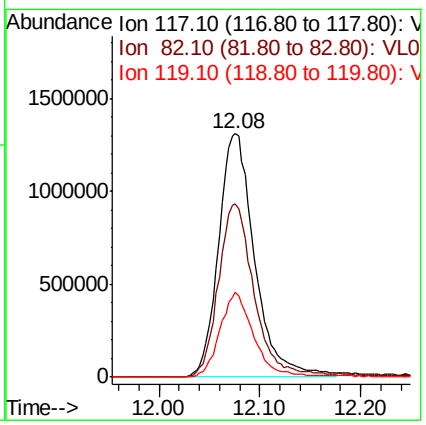


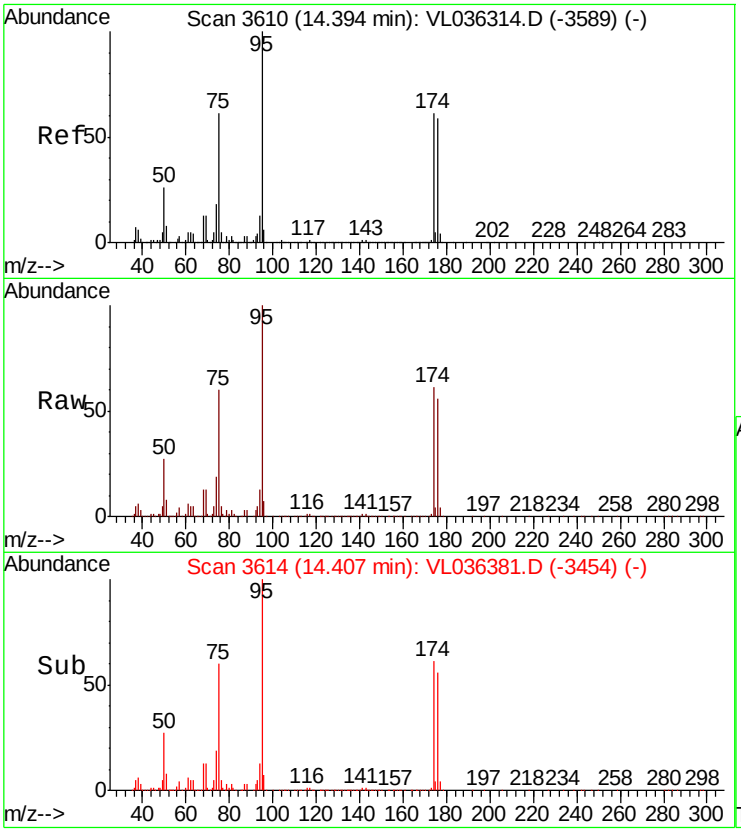


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.02 min
Lab File: VL036381.D
Acq: 25 Feb 2021 14:54

Tgt Ion:117 Resp: 3254098

Ion	Ratio	Lower	Upper
117	100		
82	73.4	59.1	88.7
119	33.6	46.3	69.5#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.025 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.01 min
Lab File: VL036381.D
Acq: 25 Feb 2021 14:54

Instrument :
MSVOA_L
ClientSampleId :
QC022321 CAN 10727

Tgt Ion: 95 Resp: 2683939

Ion	Ratio	Lower	Upper
95	100		
174	63.3	49.8	74.6
175	4.4	3.7	5.5