Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
Data File : VL038710.D
Acq On : 23 Mar 2022 9:13
Operator : SY/AP
Sample : N1961-11DL2 44X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Quant Time: Mar 24 14:49:56 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	700486	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	1781318	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.06	117	1541266	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1140374	9.65	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.50%			
Target Compounds						Qvalue
52) Tetrachloroethene	11.20	164	342868	6.82	ppbv	97

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

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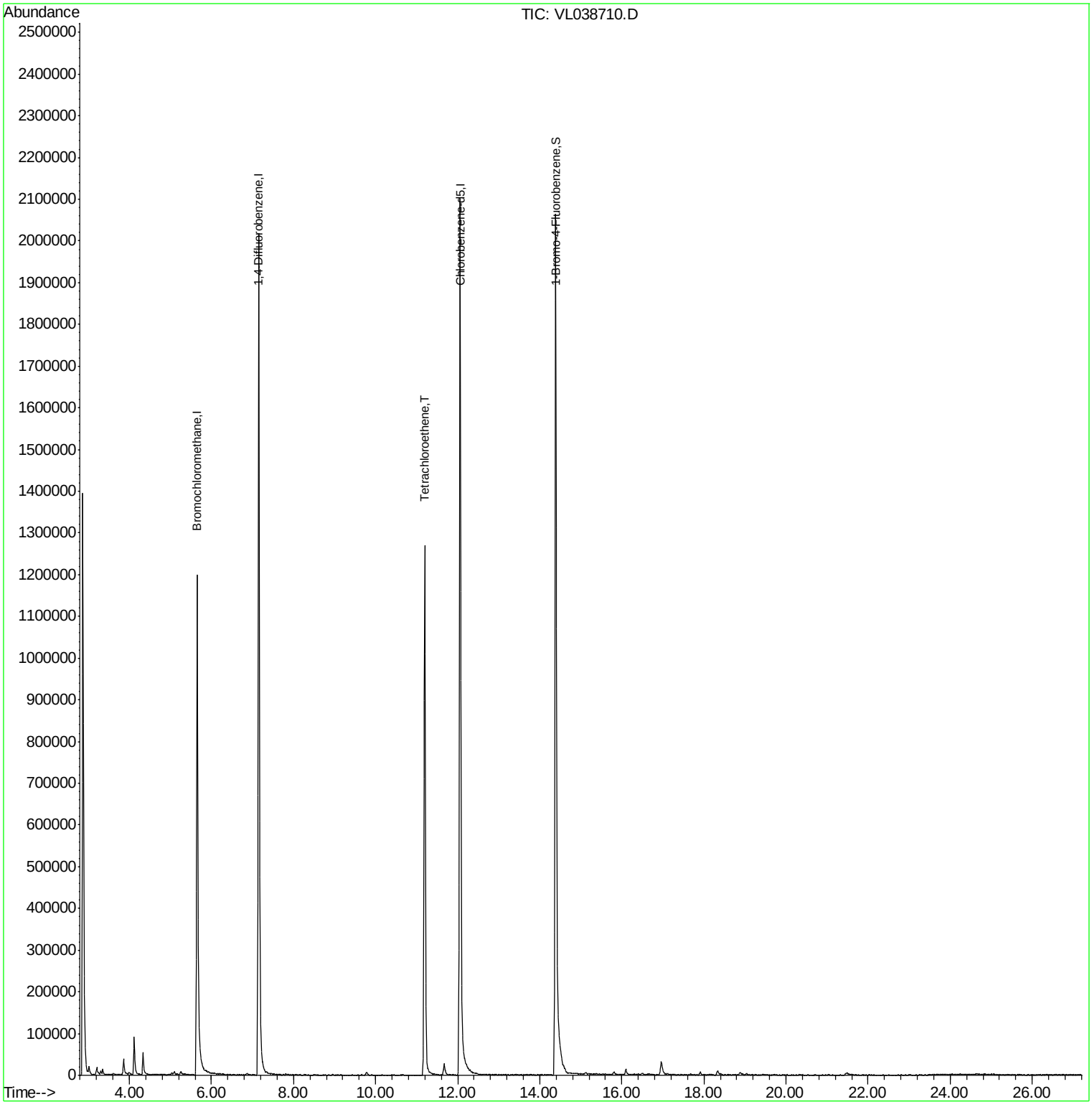
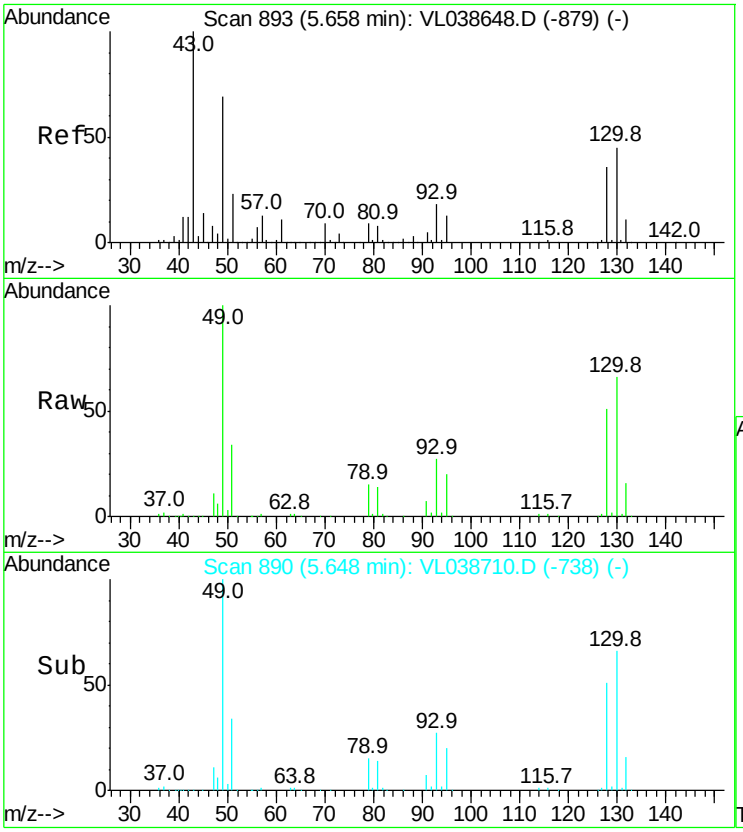


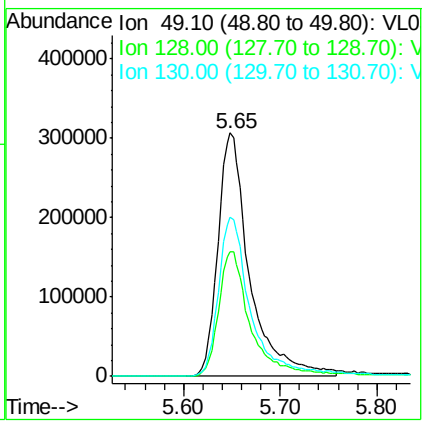


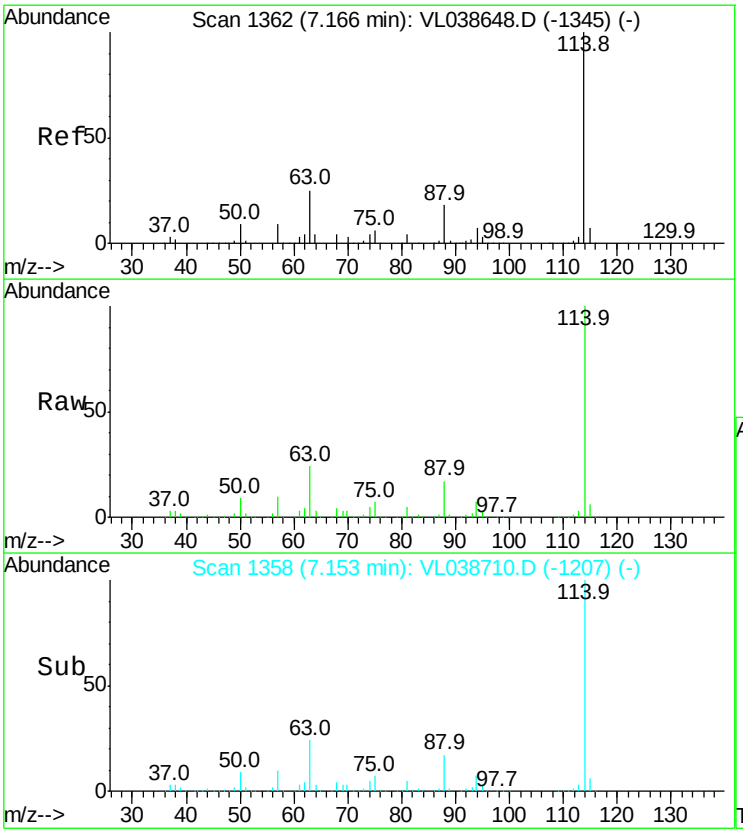
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 23 Mar 2022 9:13

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Tgt Ion: 49 Resp: 700486

Ion	Ratio	Lower	Upper
49	100		
128	52.7	26.2	78.6
130	69.0	33.7	101.1

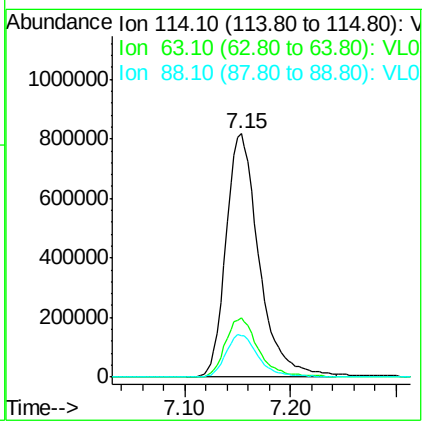


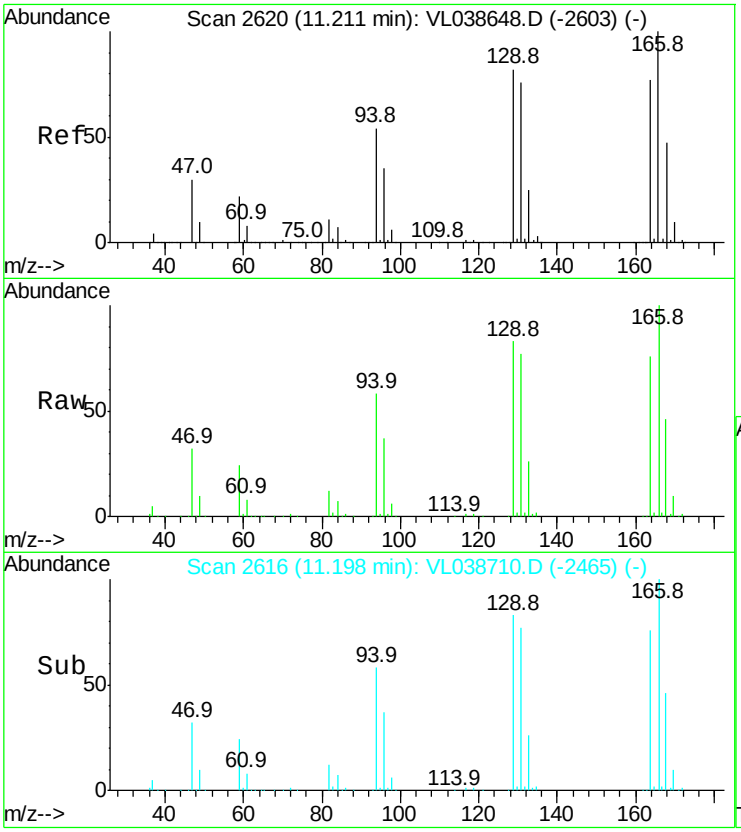


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VL038710.D
Acq: 23 Mar 2022 9:13

Tgt Ion:114 Resp: 1781318

Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.4	29.0
88	17.5	13.9	20.9



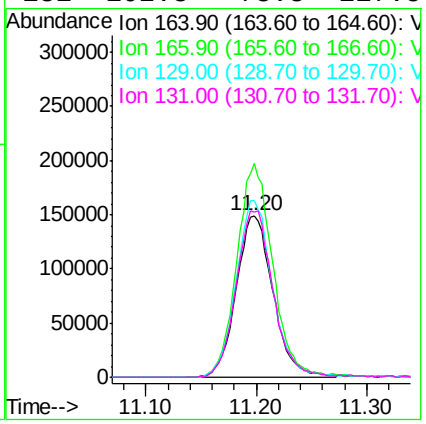


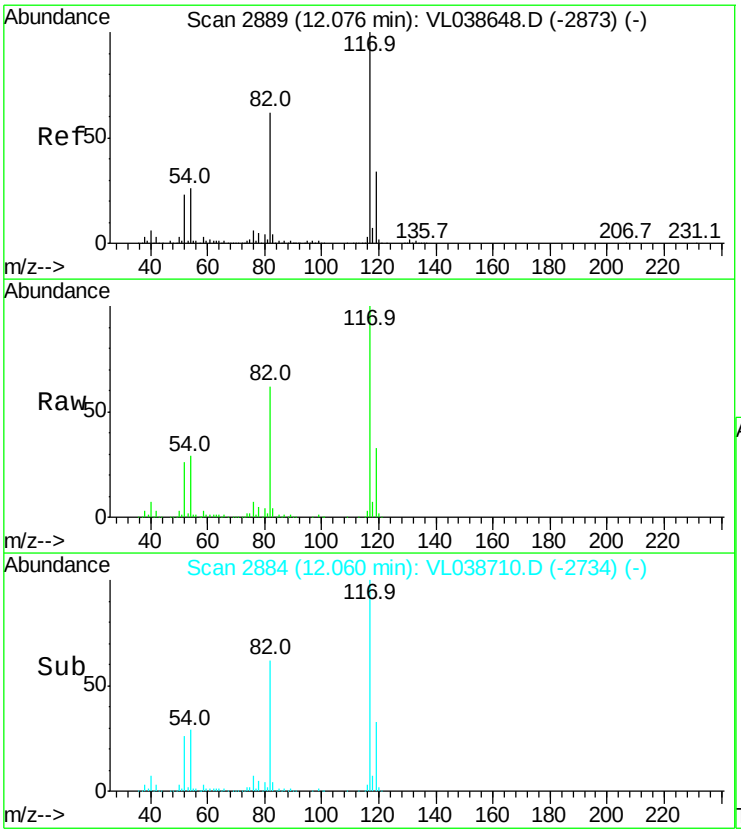
#52
Tetrachloroethene
Concen: 6.82 ppbv
RT: 11.20
Delta R.T
Lab File:
Acq: 23 Mar 2022 9:13

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Tgt Ion:164 Resp: 342868

Ion	Ratio	Lower	Upper
164	100		
166	132.0	103.3	154.9
129	109.3	85.2	127.8
131	102.3	78.3	117.5

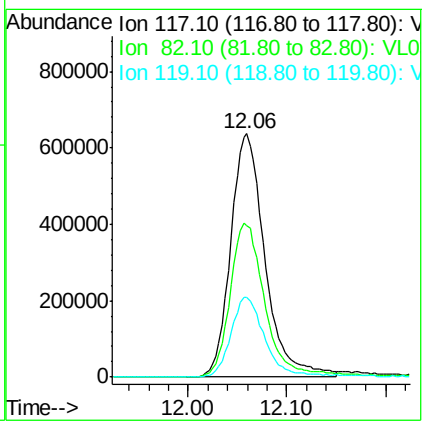


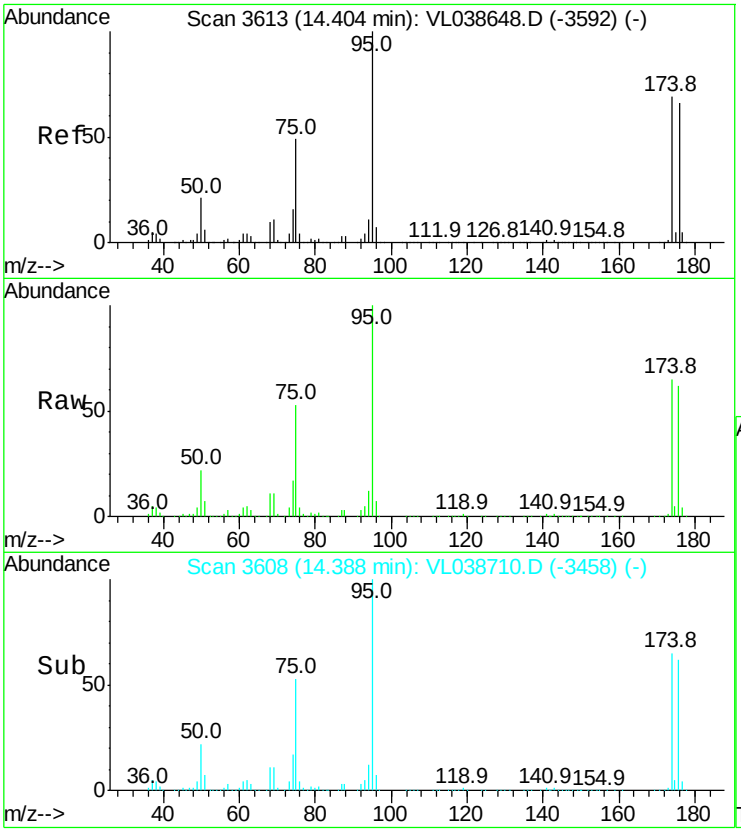


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.02 min
Lab File: VL038710.D
Acq: 23 Mar 2022 9:13

Tgt Ion:117 Resp: 1541266

Ion	Ratio	Lower	Upper
117	100		
82	66.3	51.6	77.4
119	33.3	26.9	40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.65 ppbv
RT: 14.39
Delta R.T
Lab File:
Acq: 23 Mar 2022 9.13

Instrument :
MSVOA_L
ClientSampleId :
C0P74DL2

Tgt Ion: 95 Resp: 1140374

Ion	Ratio	Lower	Upper
95	100		
174	71.9	56.1	84.1
175	5.1	4.2	6.2