Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
Data File : VL039870.D
Acq On : 10 Nov 2022 19:14
Operator : SY/AP
Sample : N5579-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-ET1DL

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 05:02:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.195	49	992657	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2268812	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	1980553	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1625046	10.962	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.600%			
Target Compounds						Qvalue
13) Ethanol	3.269	45	26273m	6.029	ppbv	
52) Tetrachloroethene	10.606	164	118736	1.656	ppbv	94

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

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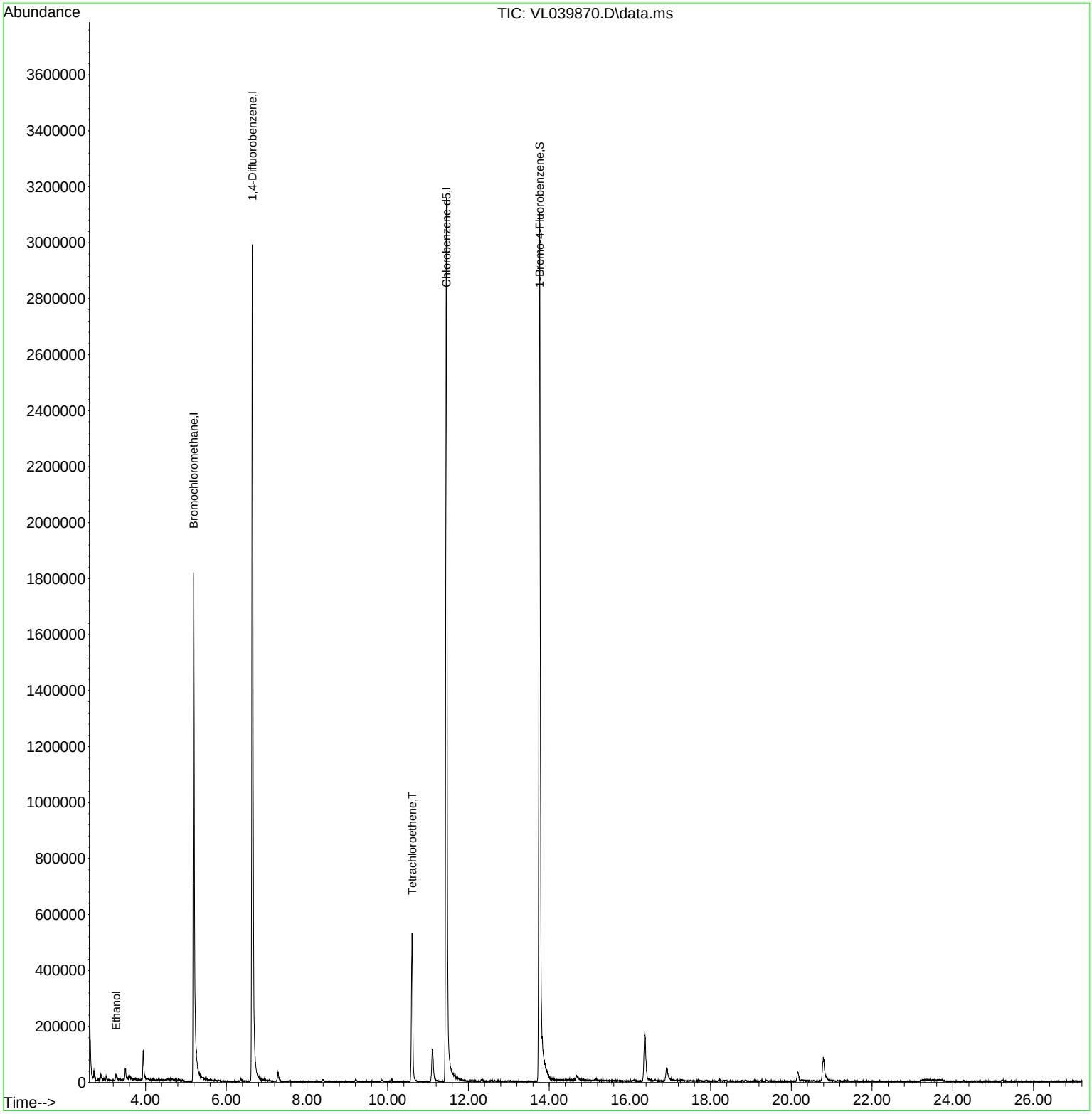
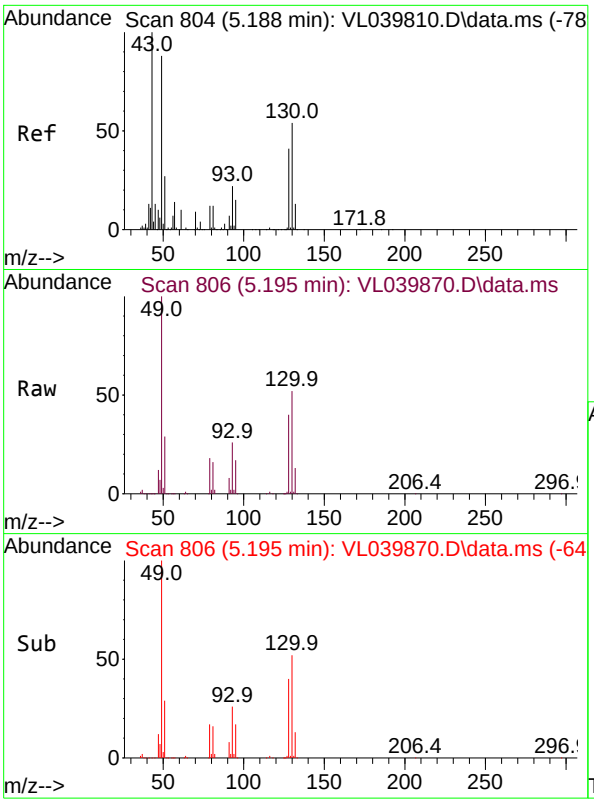
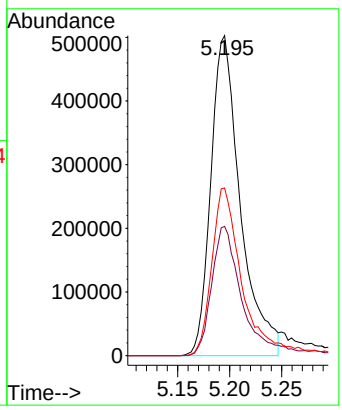




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 8
Delta R.T. 0.007 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

Tgt Ion: 49 Resp: 99265

Ion	Ratio	Lower	Upper
49	100		
128	43.8	24.6	73.6
130	56.6	31.1	93.2



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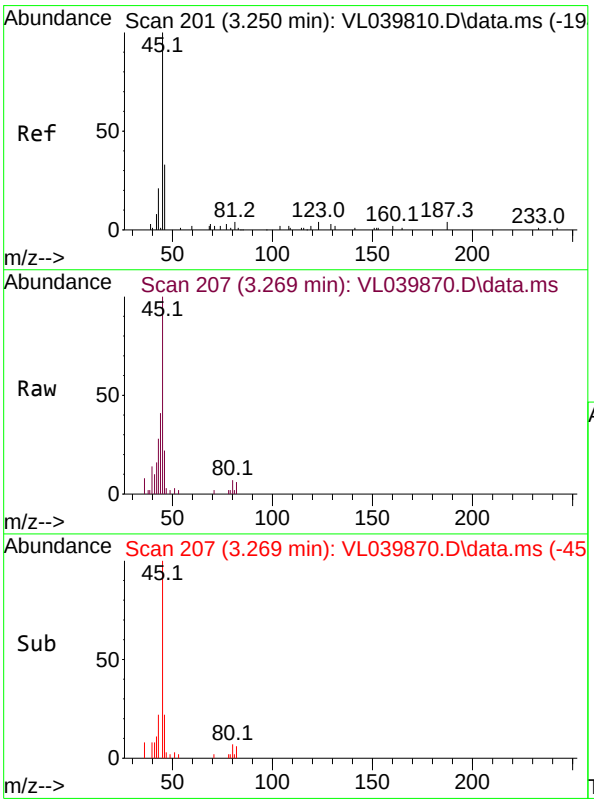
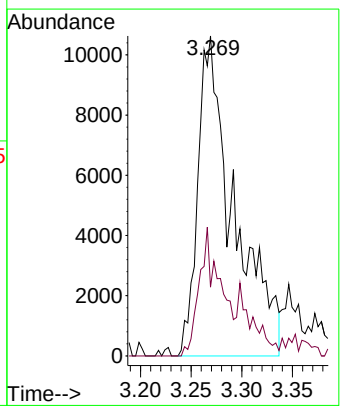
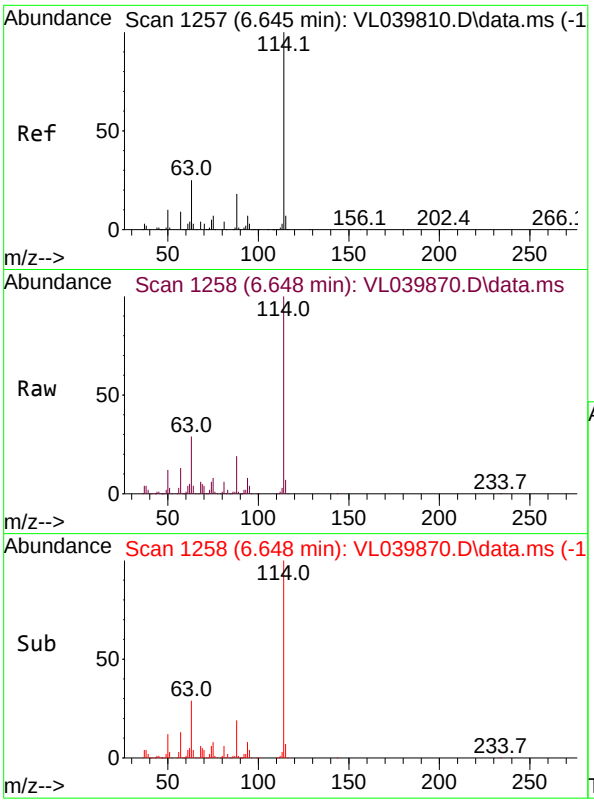


#13
Ethanol
Concen: 6.029 ppbv m
RT: 3.269 min Scan# 207
Delta R.T. 0.020 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

Tgt Ion: 45 Resp: 26273

Ion	Ratio	Lower	Upper
45	100		
46	34.3	16.5	65.9

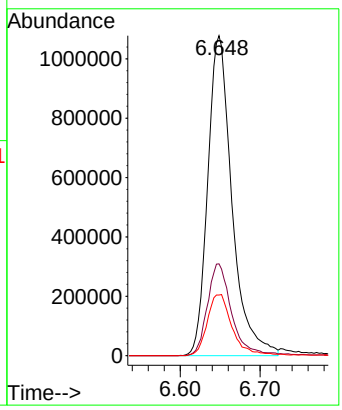




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

Tgt Ion:114 Resp: 226881

Ion	Ratio	Lower	Upper
114	100		
63	29.3	19.8	29.6
88	20.0	14.4	21.6



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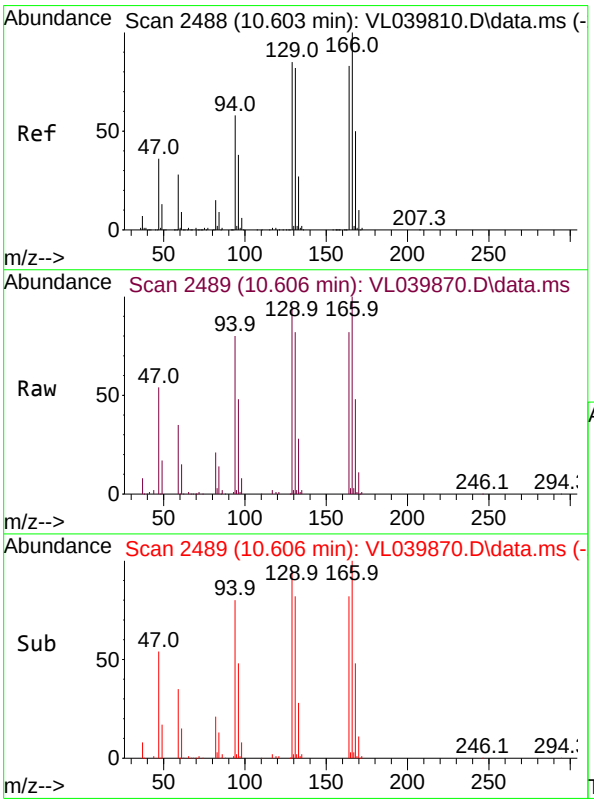
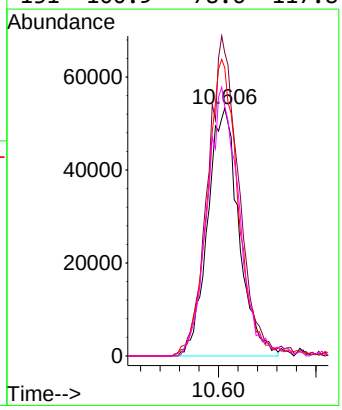
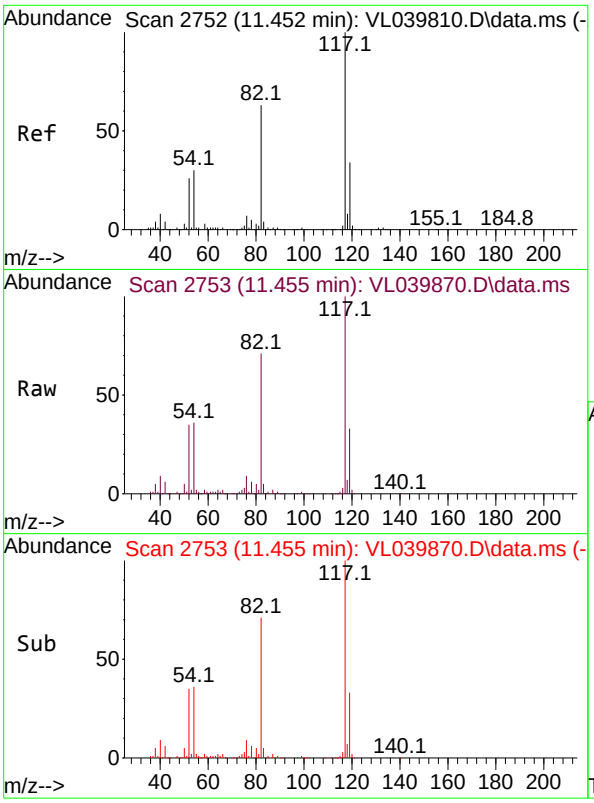


#52
Tetrachloroethene
Concen: 1.656 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.003 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

Tgt Ion:164 Resp: 118736

Ion	Ratio	Lower	Upper
164	100		
166	121.1	96.0	144.0
129	115.5	81.4	122.2
131	100.9	78.6	117.8

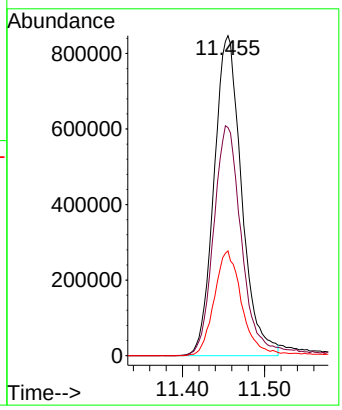




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2
Delta R.T. 0.003 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

Tgt Ion:117 Resp: 198055

Ion	Ratio	Lower	Upper
117	100		
82	74.2	51.0	76.6
119	33.5	24.7	37.1



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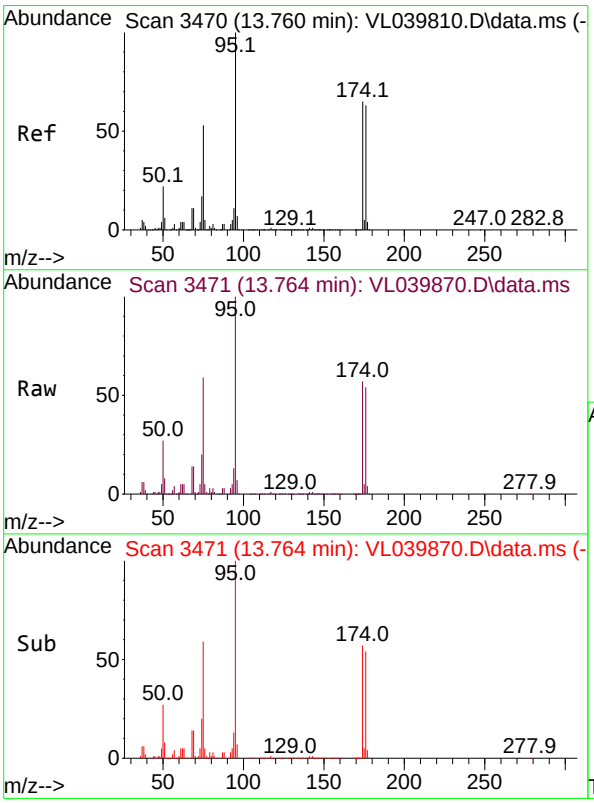

#68
1-Bromo-4-Fluorobenzene
Concen: 10.962 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.003 min
Lab File: VL039870.D
Acq: 10 Nov 2022 19:14

Tgt Ion: 95 Resp: 1625046

Ion	Ratio	Lower	Upper
95	100		
174	59.8	53.4	80.0
175	4.3	4.1	6.1