Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
Data File : VL039331.D
Acq On : 22 Jun 2022 22:10
Operator : SY/AP
Sample : QC062122 CAN 10158
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 07:30:50 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
QC062122 CAN 10158

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.661	49	1089816	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3093693	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.079	117	2673123	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2070492	9.369	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.700%			
Target Compounds						Qvalue
20) Methylene Chloride	4.343	84	39054	0.816	ppbv	90
26) Hexane	5.684	57	25884m	0.230	ppbv	

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

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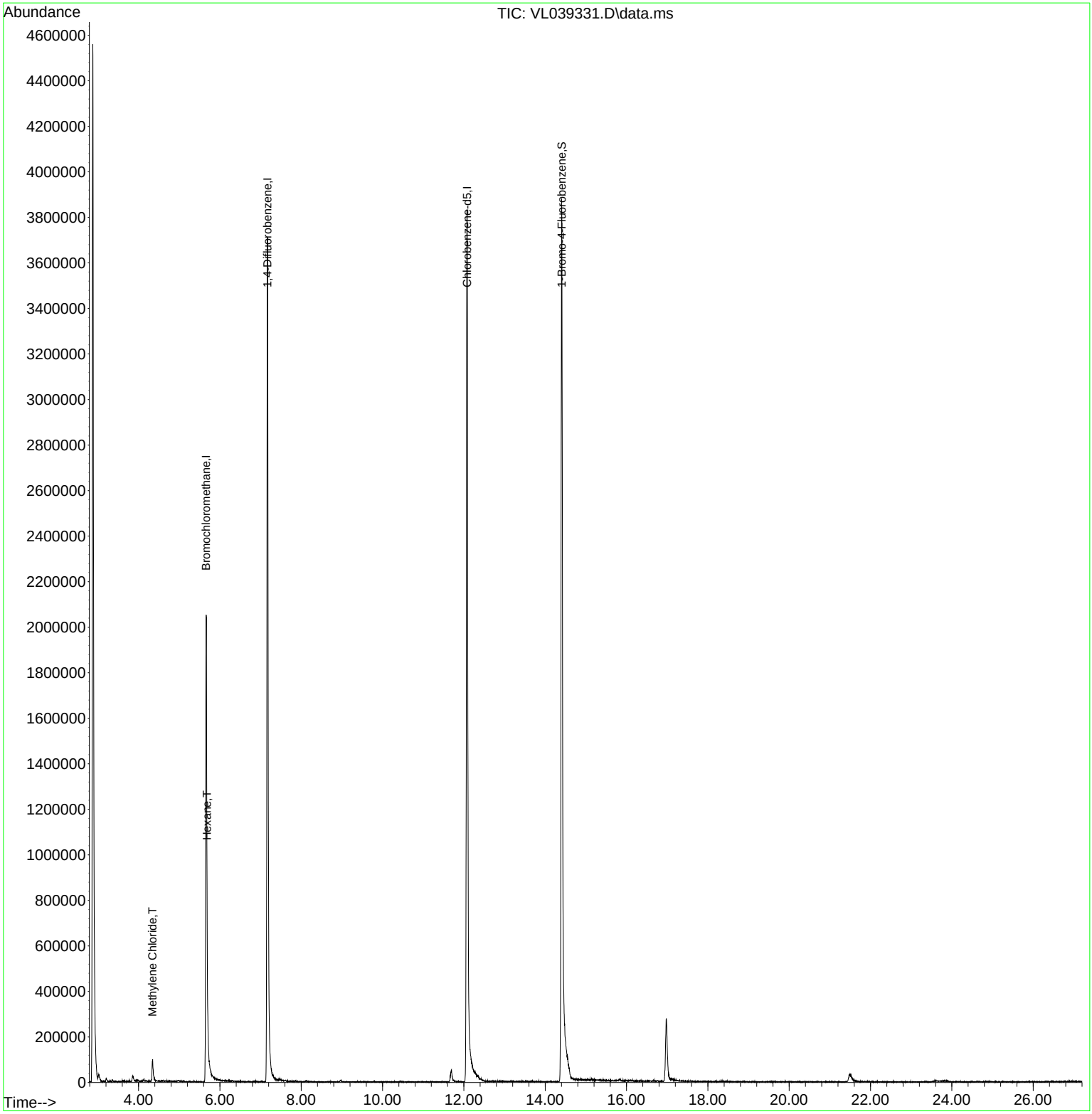
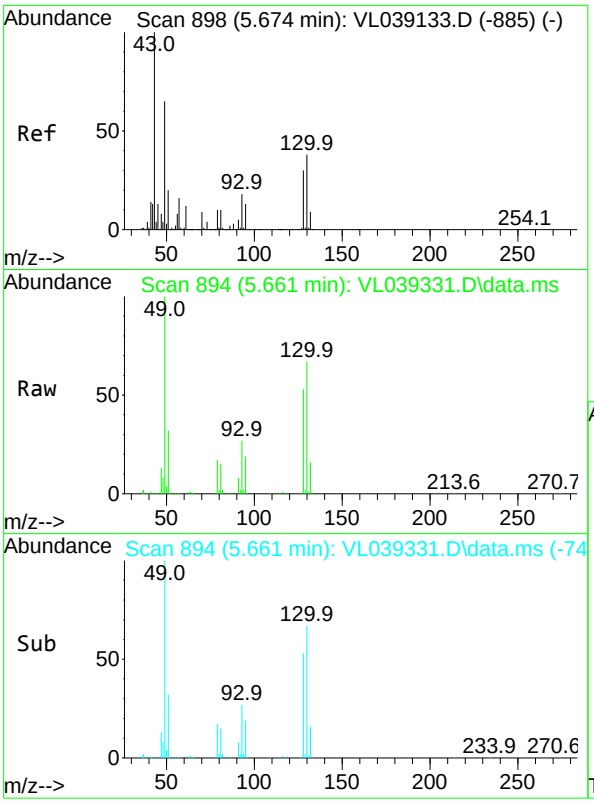
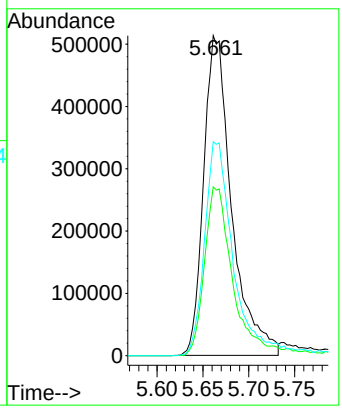




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 8
Delta R.T. -0.013 min
Lab File: VL039331.D
Acq: 22 Jun 2022 22:10

Tgt Ion: 49 Resp: 108981

Ion	Ratio	Lower	Upper
49	100		
128	55.0	24.7	74.1
130	70.9	31.4	94.0



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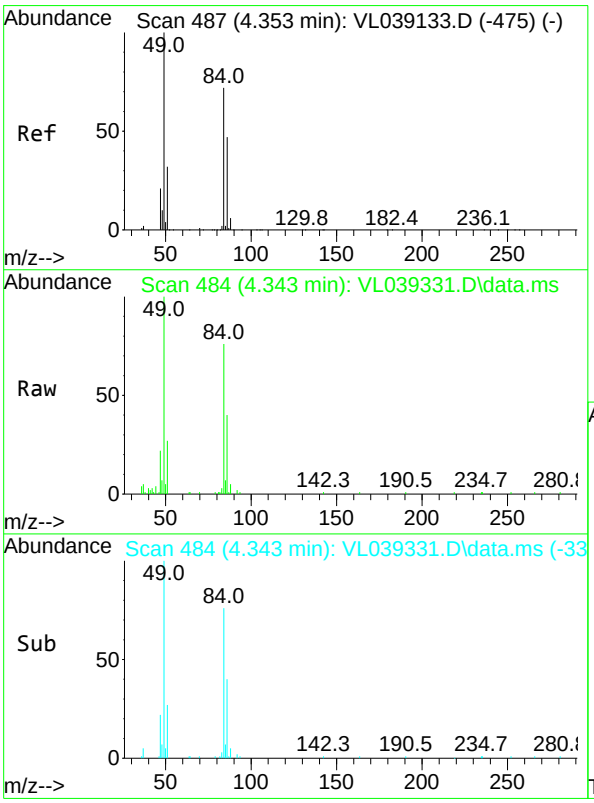
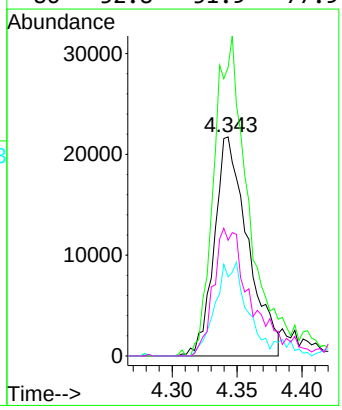
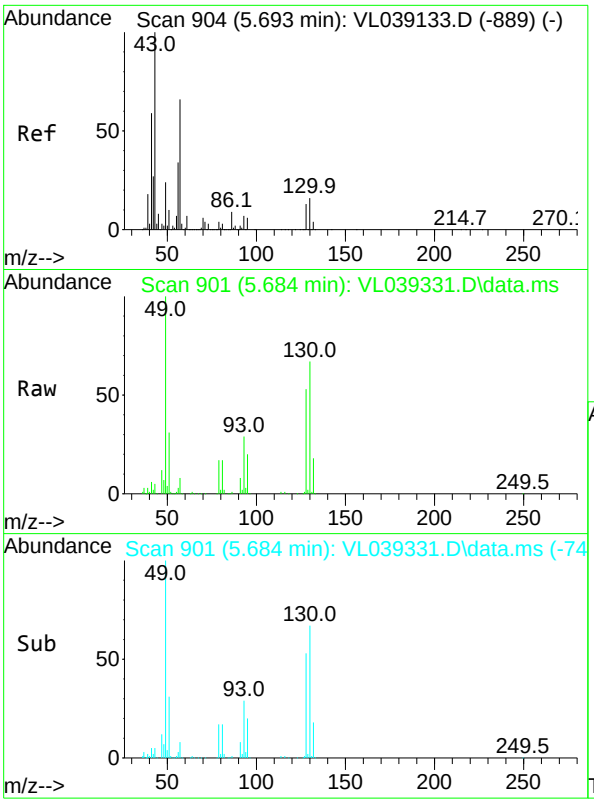


#20
Methylene Chloride
Concen: 0.816 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.010 min
Lab File: VL039331.D
Acq: 22 Jun 2022 22:10

Tgt Ion: 84 Resp: 39054

Ion	Ratio	Lower	Upper
84	100		
49	131.1	111.1	166.7
51	36.2	35.3	52.9
86	52.8	51.9	77.9

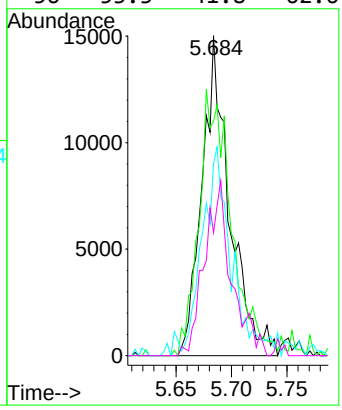




#26
Hexane
Concen: 0.230 ppbv m
RT: 5.684 min Scan# 9
Delta R.T. -0.010 min
Lab File: VL039331.D
Acq: 22 Jun 2022 22:10

Tgt Ion: 57 Resp: 2588

Ion	Ratio	Lower	Upper
57	100		
41	99.2	72.4	108.6
43	73.9	187.0	280.6
56	53.3	41.8	62.6



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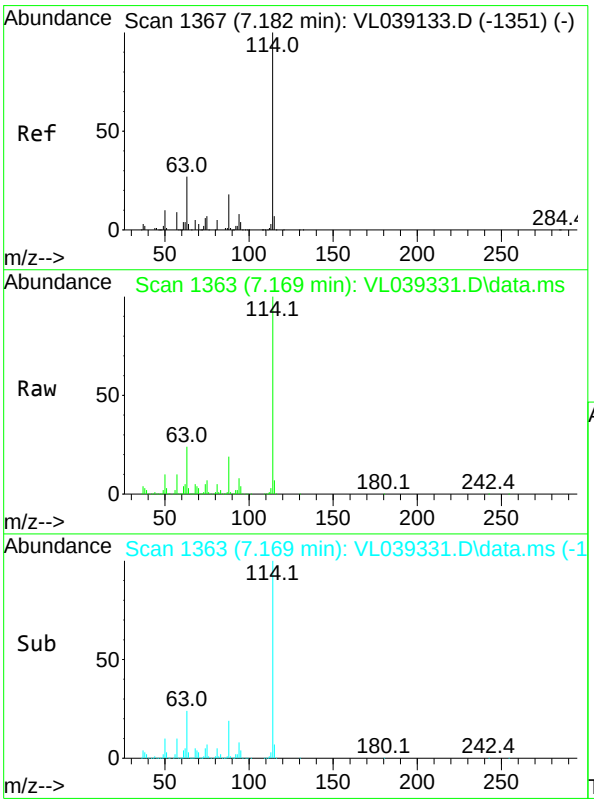
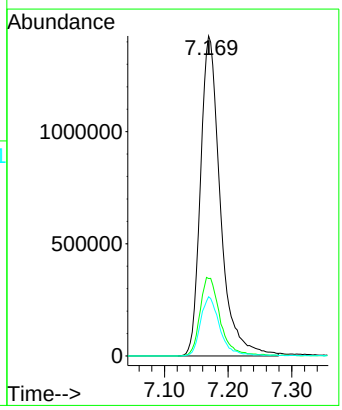
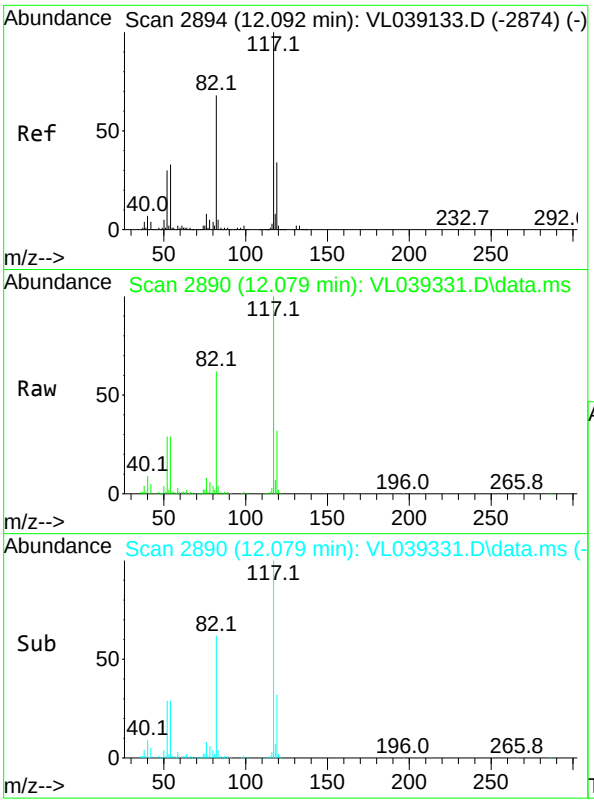


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. -0.013 min
Lab File: VL039331.D
Acq: 22 Jun 2022 22:10

Tgt Ion:114 Resp: 3093693

Ion	Ratio	Lower	Upper
114	100		
63	25.0	21.7	32.5
88	18.1	14.8	22.2

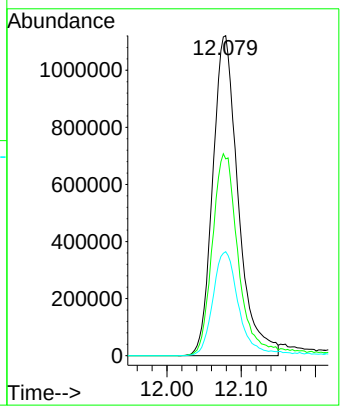




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2
Delta R.T. -0.013 min
Lab File: VL039331.D
Acq: 22 Jun 2022 22:10

Tgt Ion:117 Resp: 267312

Ion	Ratio	Lower	Upper
117	100		
82	65.8	55.1	82.7
119	34.5	24.7	37.1



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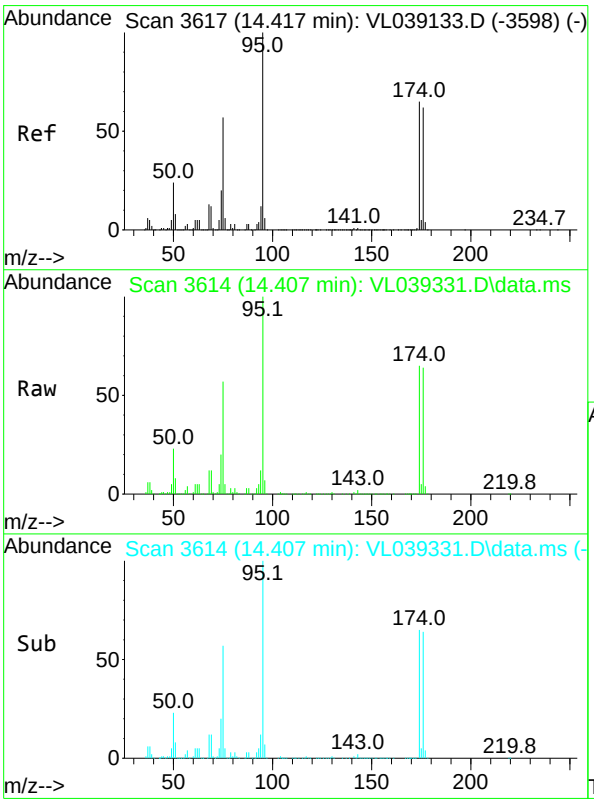

#68
1-Bromo-4-Fluorobenzene
Concen: 9.369 ppbv
RT: 14.407 min Scan# 3614
Delta R.T. -0.010 min
Lab File: VL039331.D
Acq: 22 Jun 2022 22:10

Tgt Ion: 95 Resp: 2070492

Ion	Ratio	Lower	Upper
95	100		
174	70.0	53.8	80.8
175	5.1	4.1	6.1