Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
Data File : VL041009.D
Acq On : 23 Jan 2024 23:24
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jan 24 01:02:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Jan 24 00:50:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.156	49	1008118	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.613	114	2791588	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.423	117	2369263	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.735	95	1720311	9.613	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.100%			
Target Compounds						Qvalue
15) Acetone	3.465	43	25851	0.201	ppbv	# 88
20) Methylene Chloride	3.899	84	8610	0.174	ppbv	# 93

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

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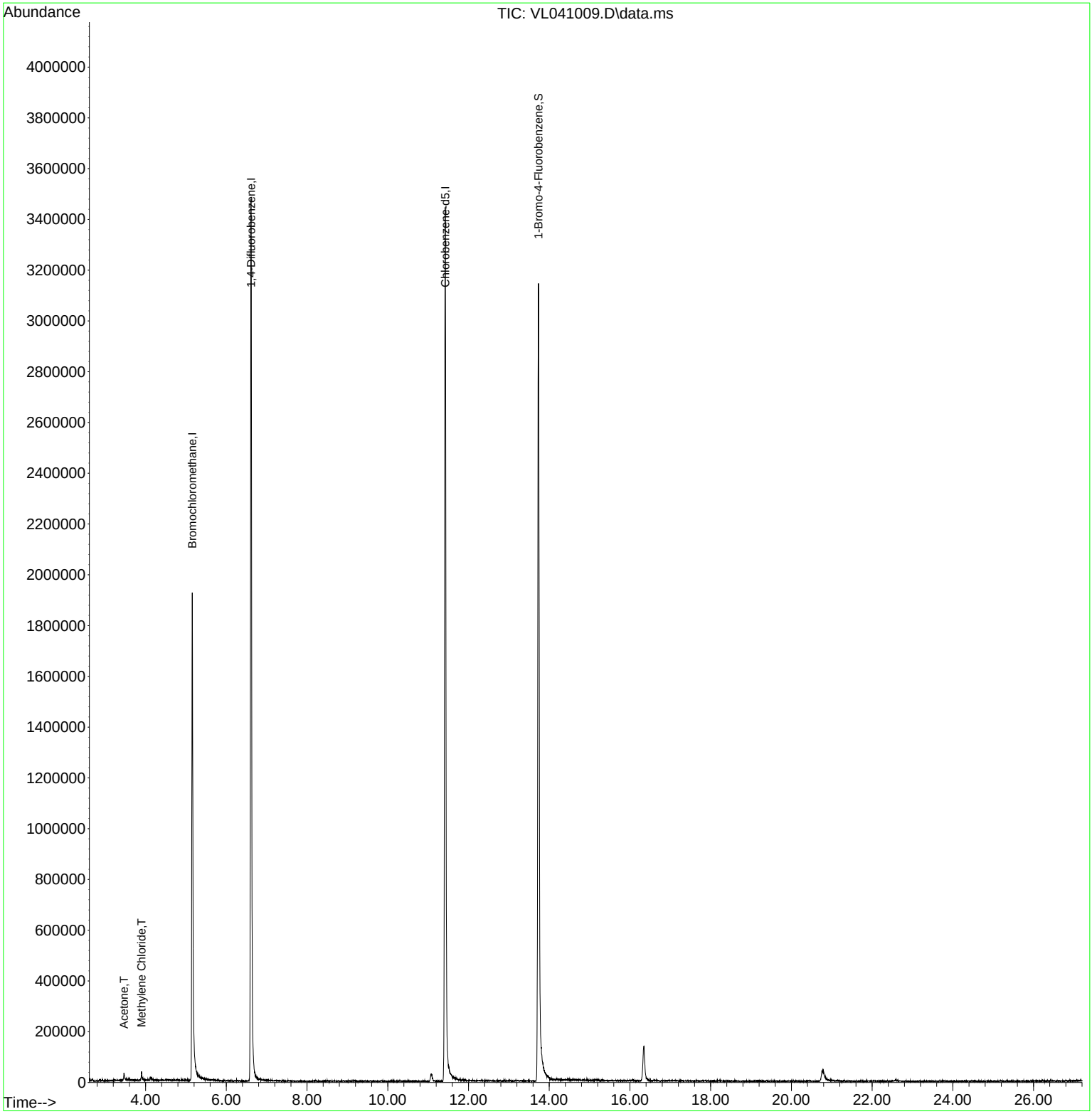
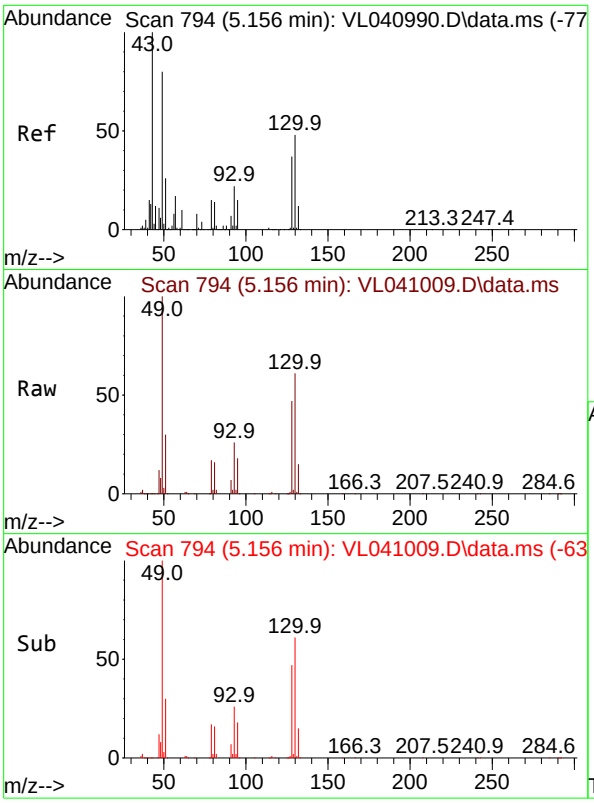


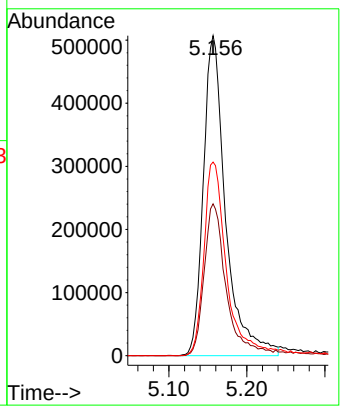


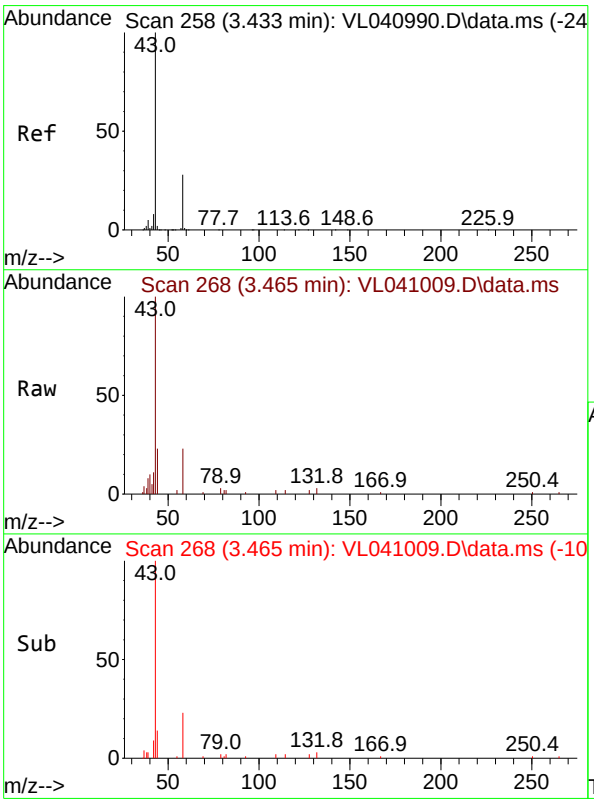
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 7
Delta R.T. 0.000 min
Lab File: VL041009.D
Acq: 23 Jan 2024 23:24

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 1008118

Ion	Ratio	Lower	Upper
49	100		
128	48.9	23.9	71.7
130	62.3	31.1	93.5

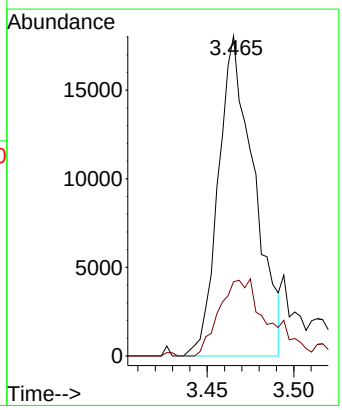


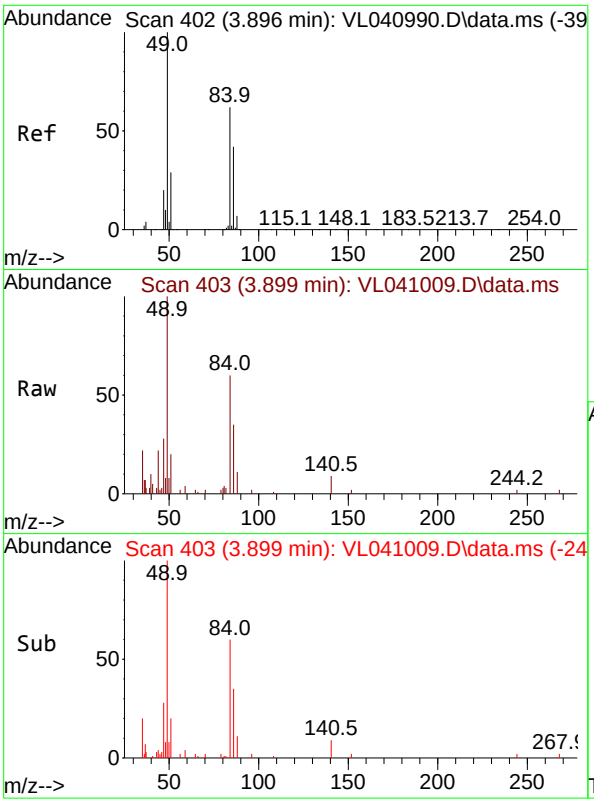


#15
Acetone
Concen: 0.201 ppbv
RT: 3.465 min Scan# 268
Delta R.T. 0.032 min
Lab File: VL041009.D
Acq: 23 Jan 2024 23:24

Tgt Ion: 43 Resp: 25851

Ion	Ratio	Lower	Upper
43	100		
58	34.2	22.2	33.2#



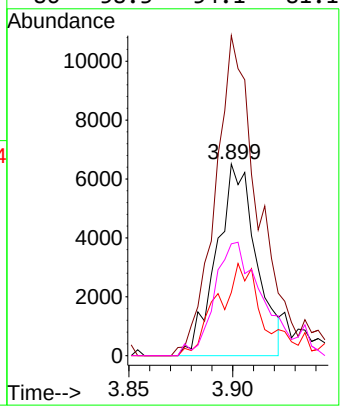


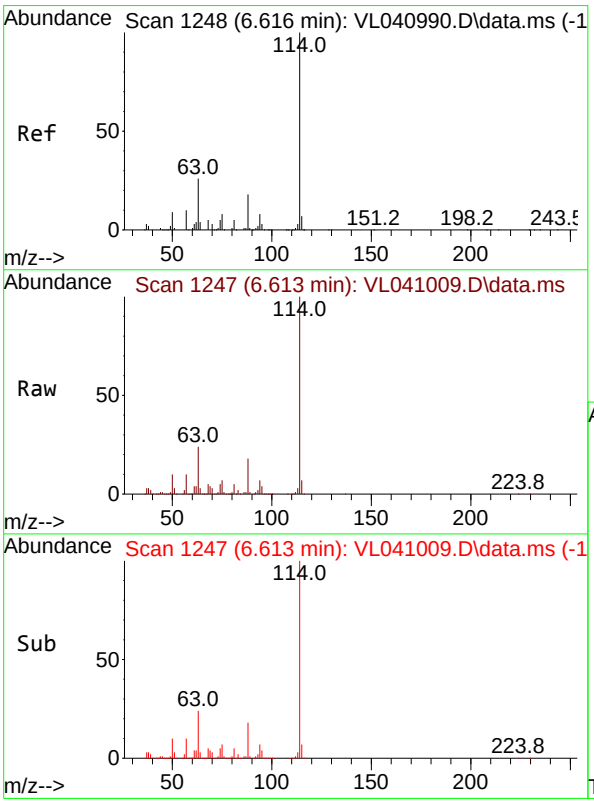
#20
Methylene Chloride
Concen: 0.174 ppbv
RT: 3.899 min Scan# 4
Delta R.T. 0.003 min
Lab File: VL041009.D
Acq: 23 Jan 2024 23:24

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 8610

Ion	Ratio	Lower	Upper
84	100		
49	162.6	128.1	192.1
51	33.0	36.5	54.7#
86	58.3	54.1	81.1

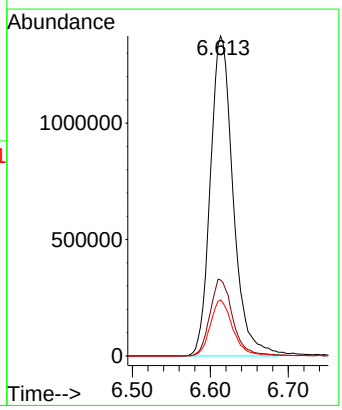


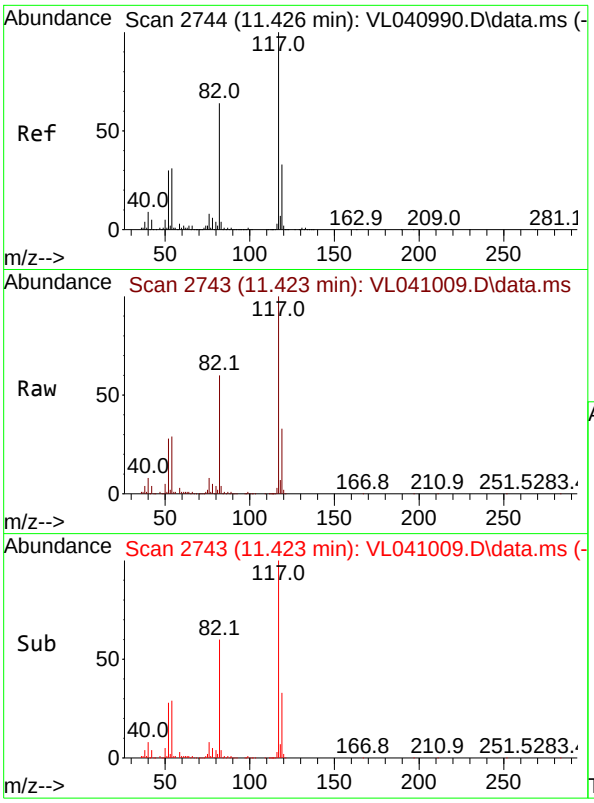


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VL041009.D
Acq: 23 Jan 2024 23:24

Tgt Ion:114 Resp: 2791588

Ion	Ratio	Lower	Upper
114	100		
63	24.2	20.8	31.2
88	17.4	14.3	21.5



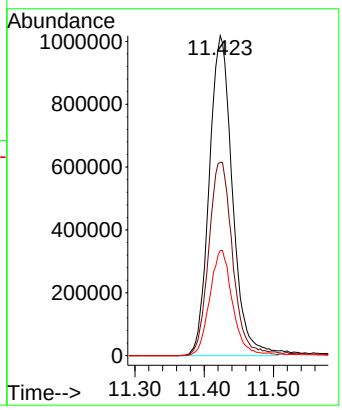


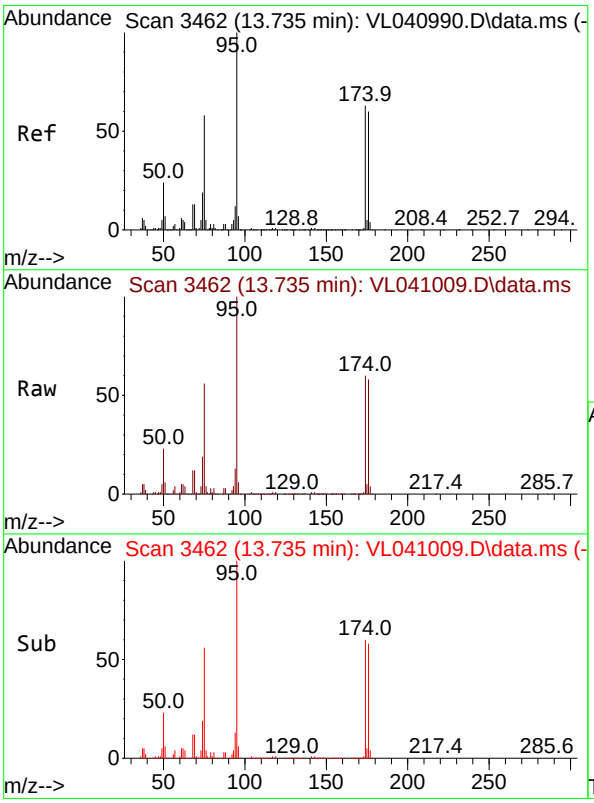
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.423 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL041009.D
Acq: 23 Jan 2024 23:24

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2369263

Ion	Ratio	Lower	Upper
117	100		
82	64.0	51.7	77.5
119	33.1	23.8	35.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.613 ppbv
RT: 13.735 min Scan# 3462
Delta R.T. 0.000 min
Lab File: VL041009.D
Acq: 23 Jan 2024 23:24

Tgt Ion: 95 Resp: 1720311

Ion	Ratio	Lower	Upper
95	100		
174	62.7	49.1	73.7
175	4.8	3.7	5.5