Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
Data File : VL041211.D
Acq On : 6 May 2024 10:13
Operator : SY/MD
Sample : VL0506ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABL01

Quant Time: May 07 05:21:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue May 07 05:19:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.192	49	911002	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2393103	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2185342	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1650524	10.004	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.000%			
Target Compounds						Qvalue
20) Methylene Chloride	3.935	84	7499	0.201	ppbv	95

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

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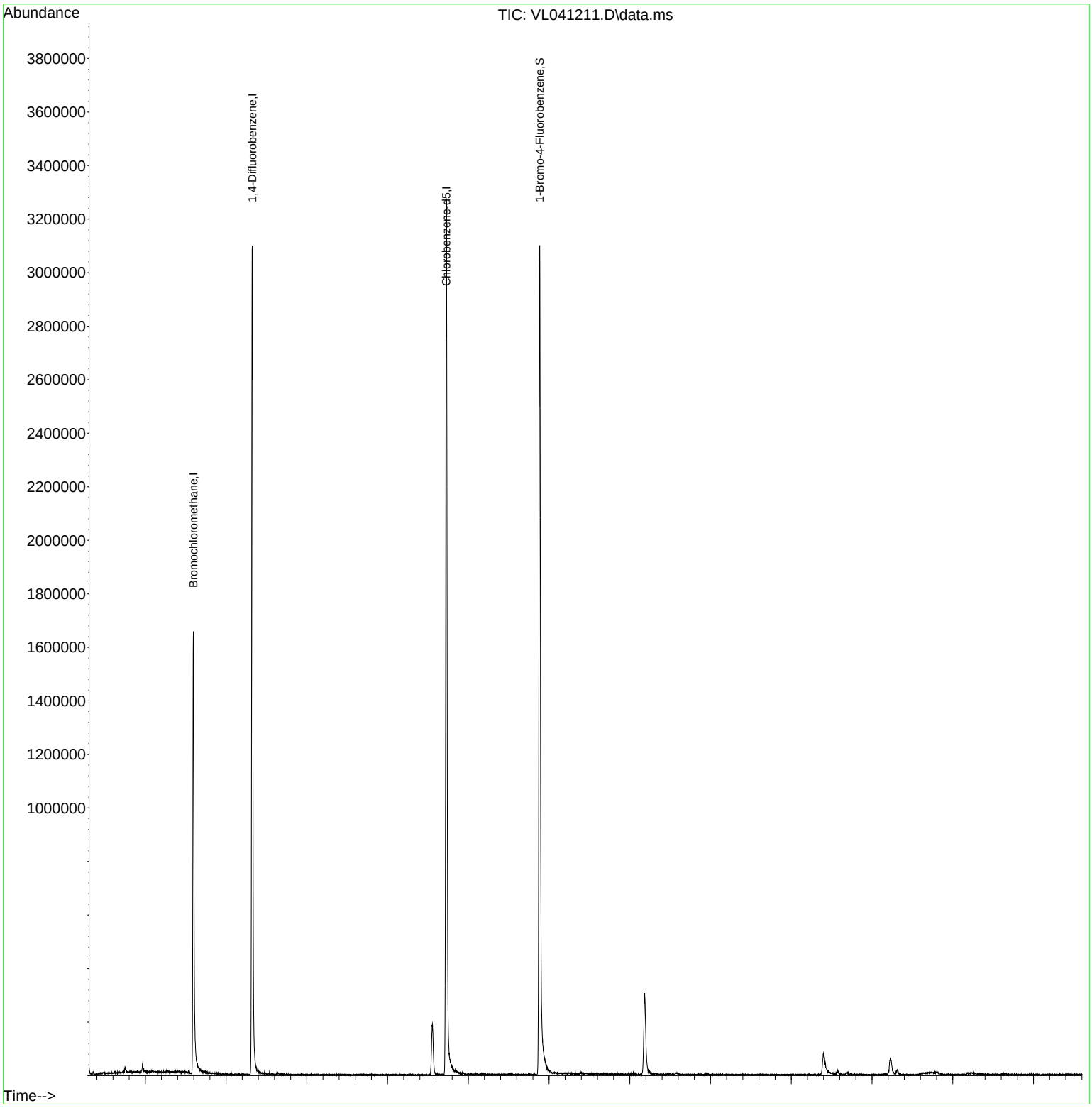
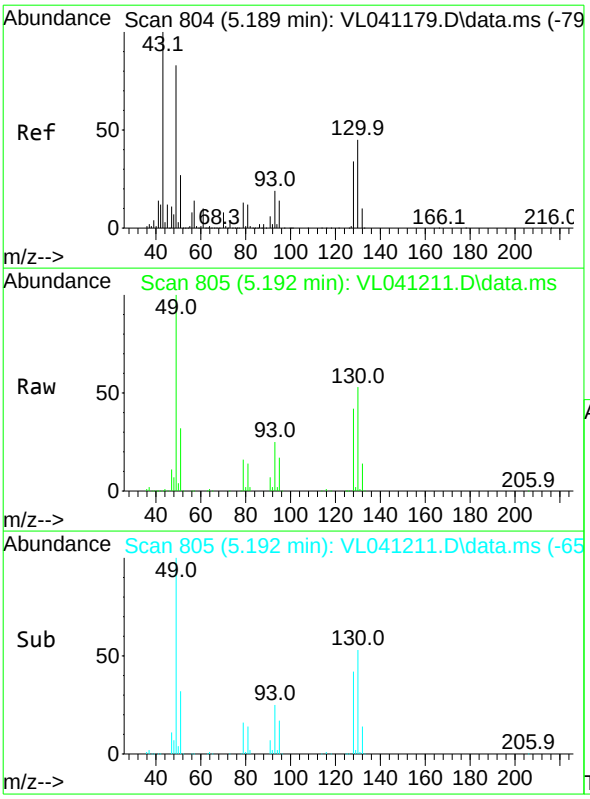


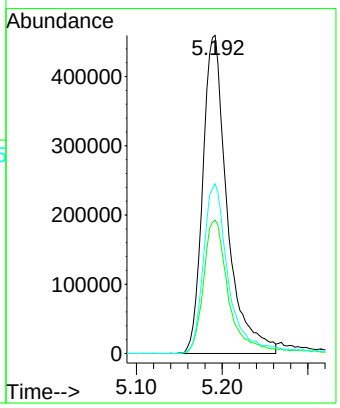


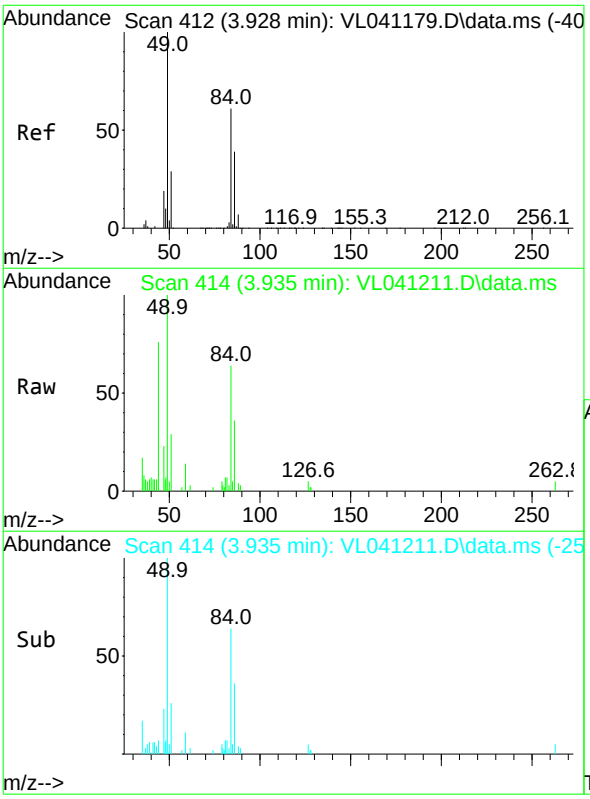
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041211.D
Acq: 6 May 2024 10:13

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABL01

Tgt Ion: 49 Resp: 911002

Ion	Ratio	Lower	Upper
49	100		
128	44.1	21.5	64.5
130	57.3	27.2	81.6

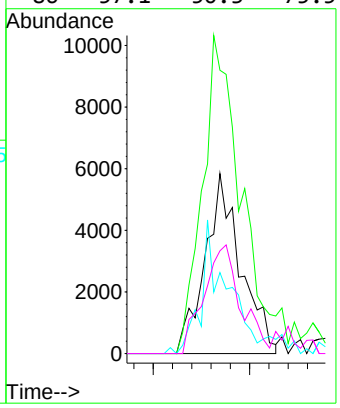


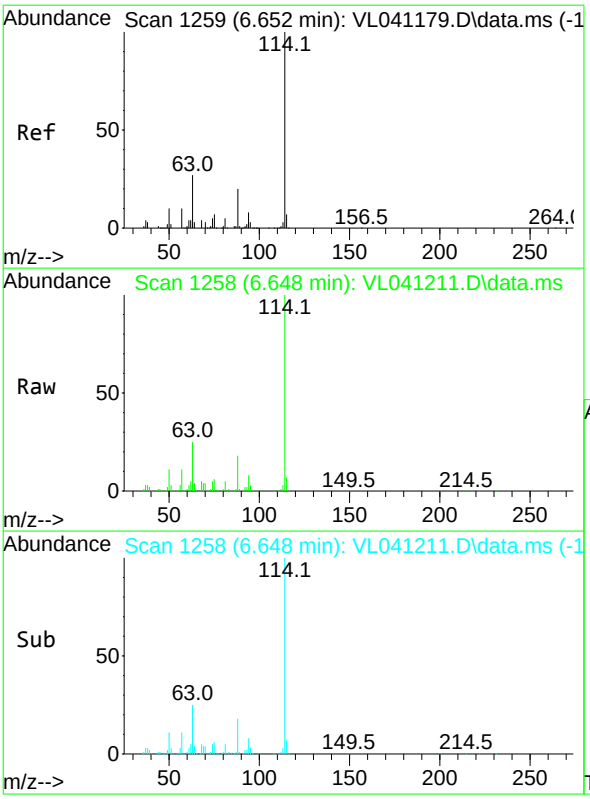


#20
Methylene Chloride
Concen: 0.201 ppbv
RT: 3.935 min Scan# 414
Delta R.T. -0.003 min
Lab File: VL041211.D
Acq: 6 May 2024 10:13

Tgt Ion: 84 Resp: 7499

Ion	Ratio	Lower	Upper
84	100		
49	157.4	130.4	195.6
51	45.0	38.0	57.0
86	57.1	50.3	75.5



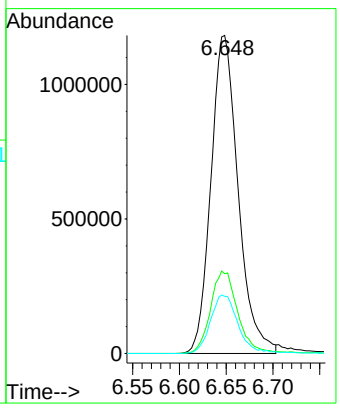


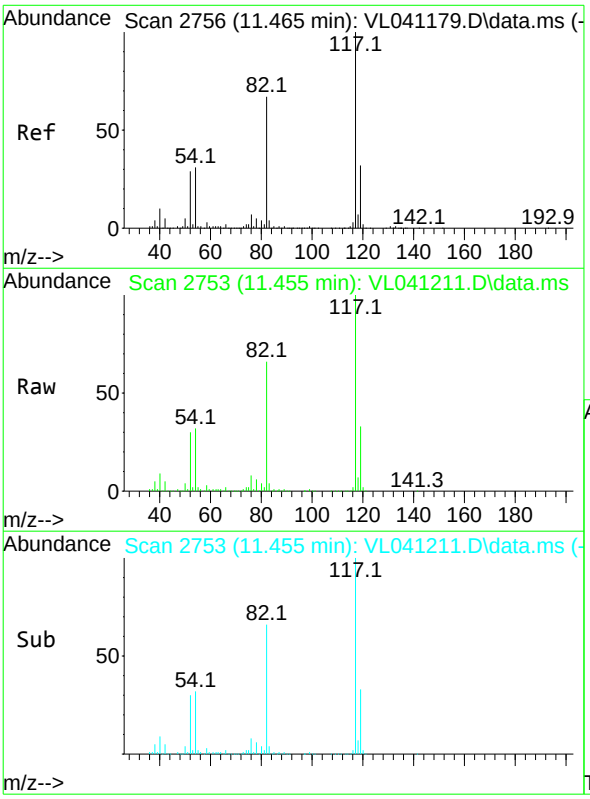
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 12
Delta R.T. -0.006 min
Lab File: VL041211.D
Acq: 6 May 2024 10:13

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABL01

Tgt Ion:114 Resp: 2393103

Ion	Ratio	Lower	Upper
114	100		
63	26.5	21.8	32.6
88	18.9	15.2	22.8

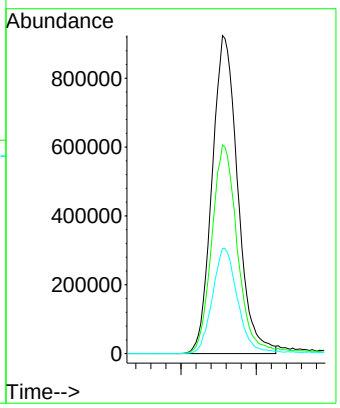


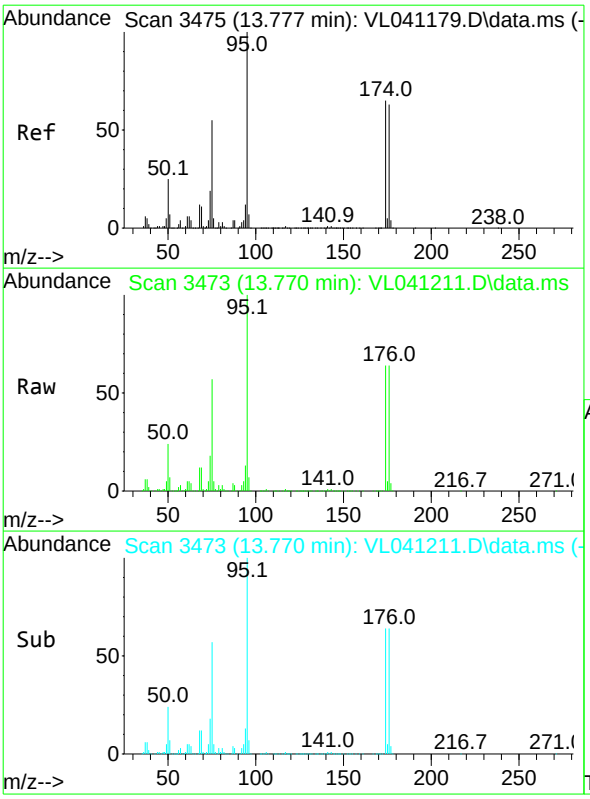


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2753
Delta R.T. -0.010 min
Lab File: VL041211.D
Acq: 6 May 2024 10:13

Tgt Ion:117 Resp: 2185342

Ion	Ratio	Lower	Upper
117	100		
82	67.3	53.6	80.4
119	32.9	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.004 ppbv
RT: 13.770 min Scan# 34
Delta R.T. -0.003 min
Lab File: VL041211.D
Acq: 6 May 2024 10:13

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABL01

Tgt Ion: 95 Resp: 1650524

Ion	Ratio	Lower	Upper
95	100		
174	68.8	53.6	80.4
175	5.0	4.2	6.4