Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
Data File : VL039788.D
Acq On : 25 Oct 2022 13:47
Operator : SY/AP
Sample : VL1025ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABL01

Quant Time: Oct 25 14:23:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.205	49	864152	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2294526	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	1933260	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1383873	10.063	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.600%			
Target Compounds						Qvalue

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

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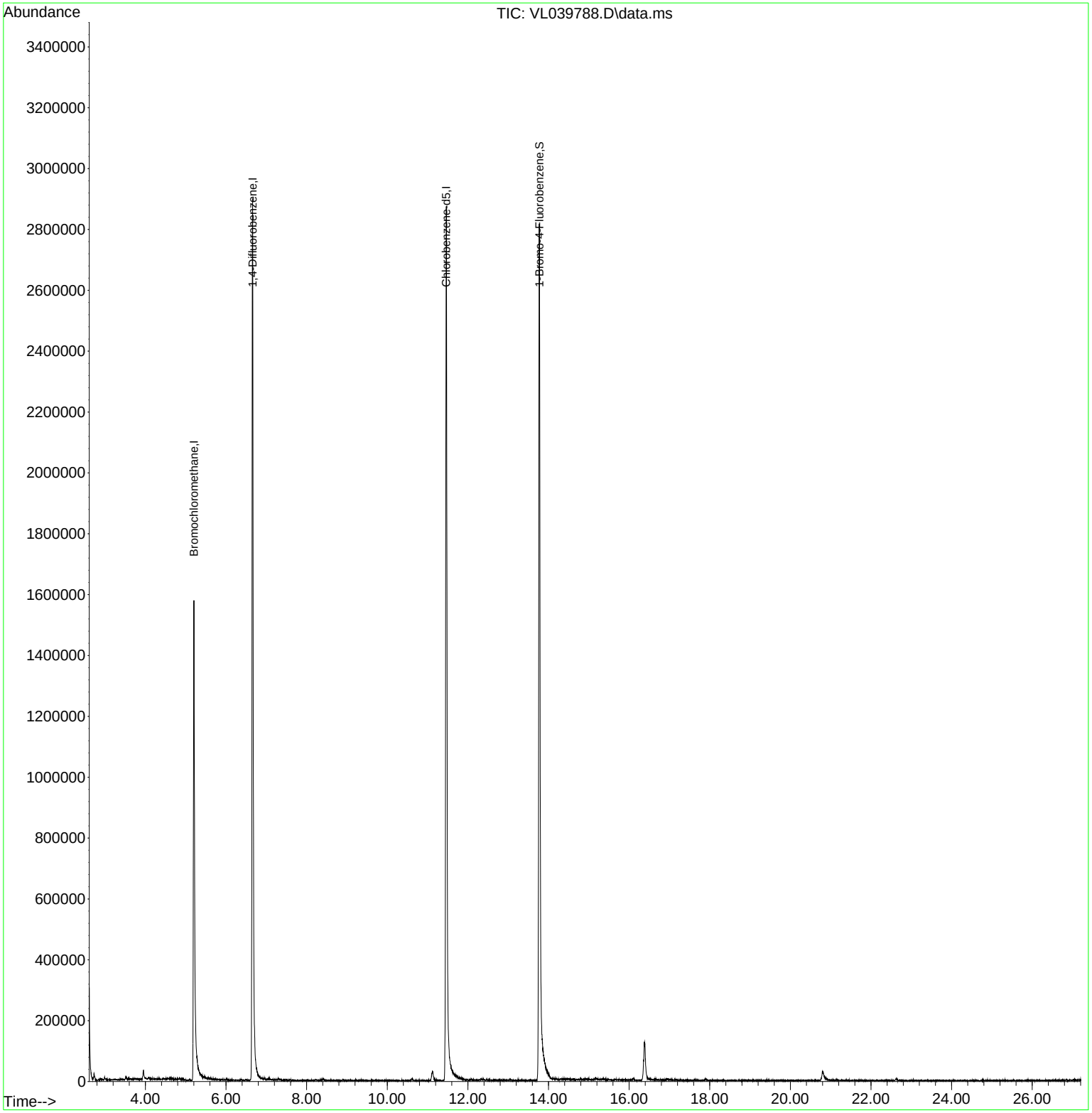
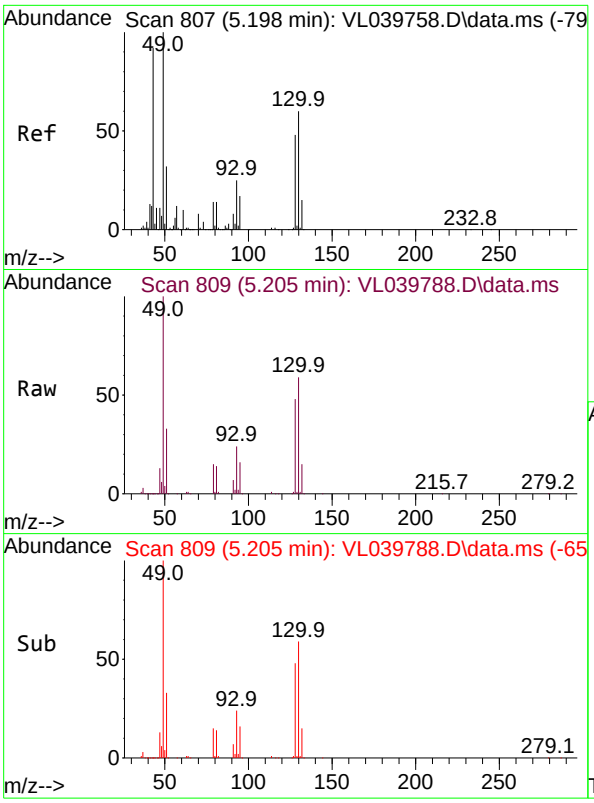


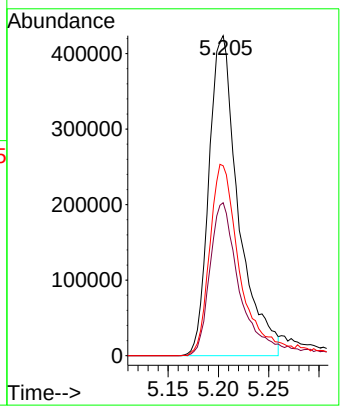


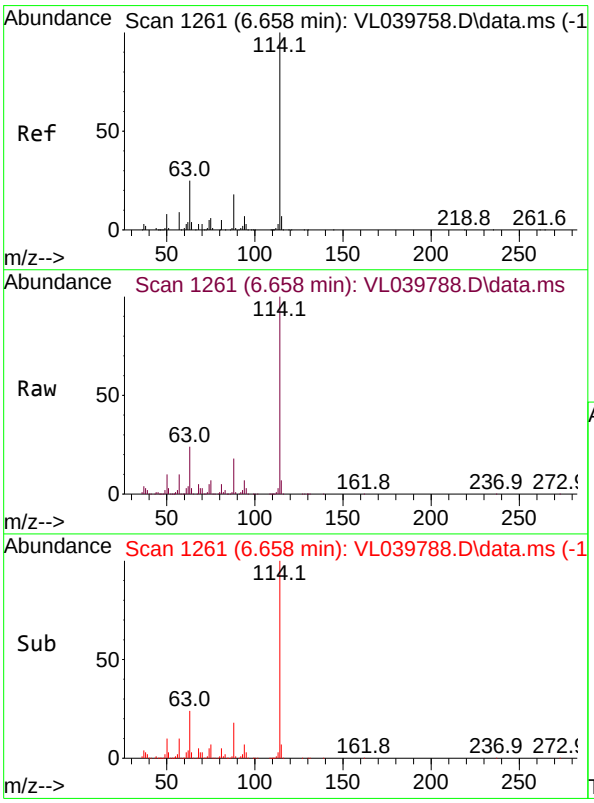
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 8
Delta R.T. 0.007 min
Lab File: VL039788.D
Acq: 25 Oct 2022 13:47

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABL01

Tgt Ion: 49 Resp: 864152

Ion	Ratio	Lower	Upper
49	100		
128	51.4	24.6	74.0
130	65.9	31.8	95.3

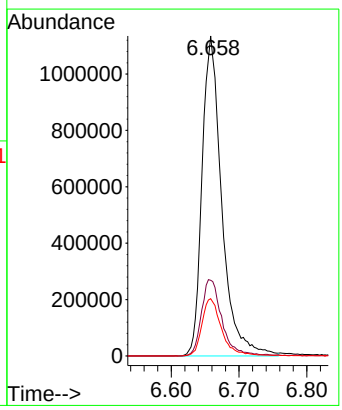


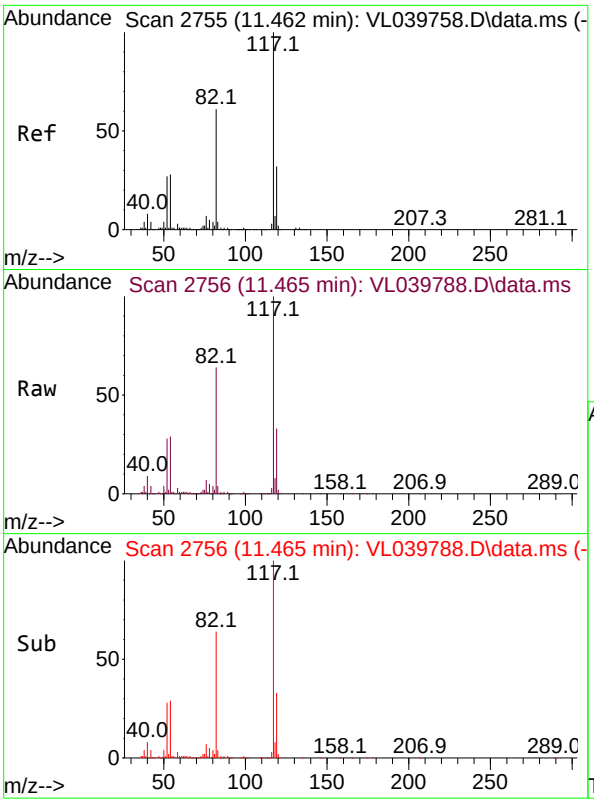


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VL039788.D
Acq: 25 Oct 2022 13:47

Tgt Ion:114 Resp: 2294526

Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.1	30.1
88	18.1	14.5	21.7



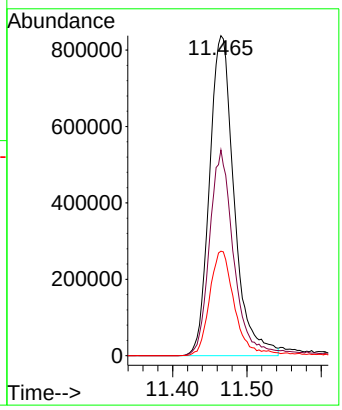


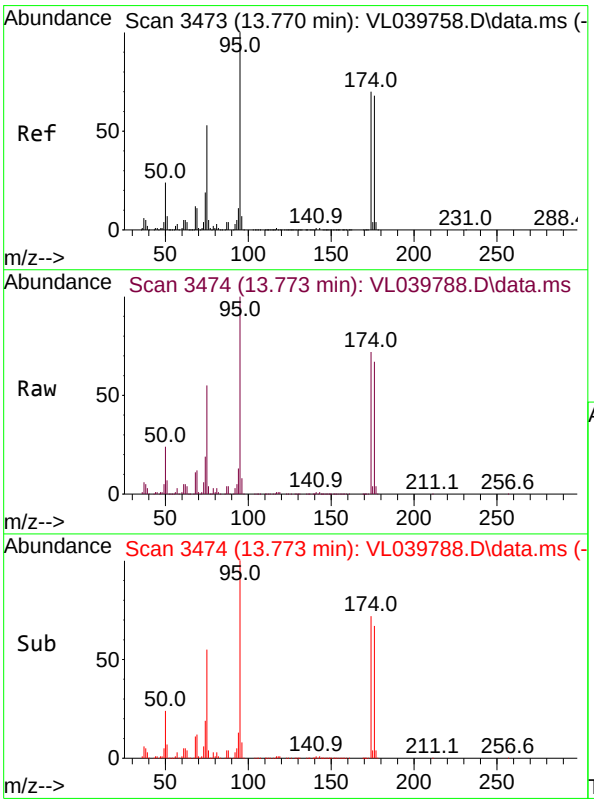
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2
Delta R.T. 0.003 min
Lab File: VL039788.D
Acq: 25 Oct 2022 13:47

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABL01

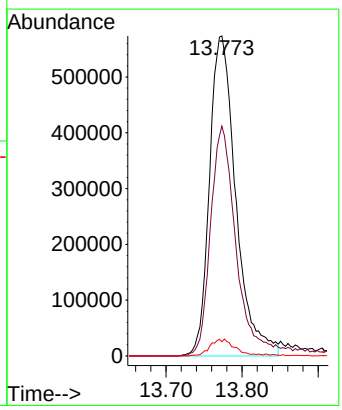
Tgt Ion:117 Resp: 1933260

Ion	Ratio	Lower	Upper
117	100		
82	65.2	49.9	74.9
119	33.8	25.2	37.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.063 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.003 min
Lab File: VL039788.D
Acq: 25 Oct 2022 13:47

Tgt Ion: 95 Resp: 1383873

Ion	Ratio	Lower	Upper
95	100		
174	73.4	57.3	85.9
175	5.4	4.2	6.2