Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022723\
Data File : VL040232.D
Acq On : 27 Feb 2023 12:31
Operator : SY/MD
Sample : QC022723 CAN 10295
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC022723 CAN 10295

Quant Time: Feb 28 00:18:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Feb 28 00:12:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.185	49	896029	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2452631	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2074935	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1626178	9.531	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.300%			
Target Compounds						Qvalue

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

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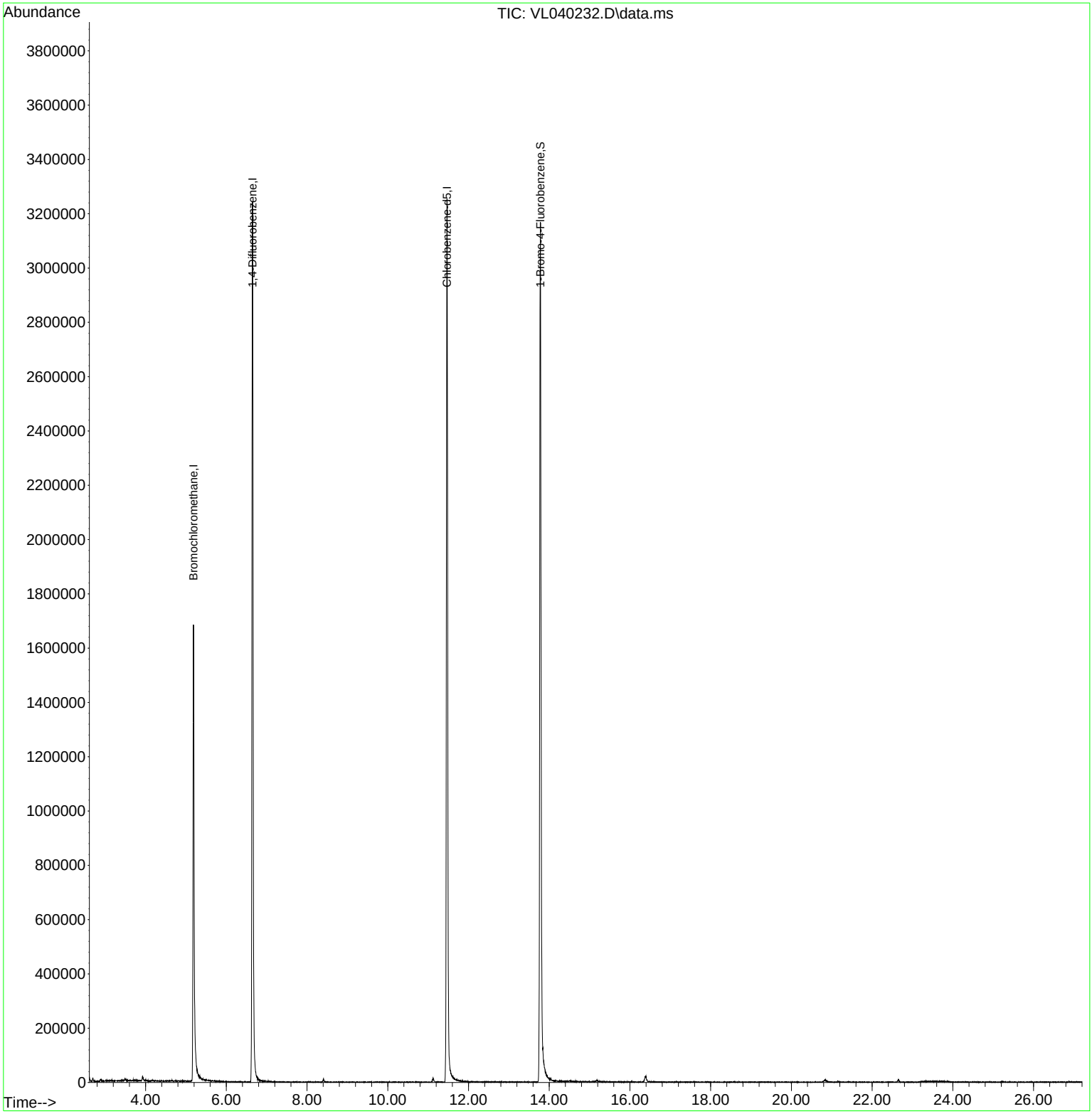
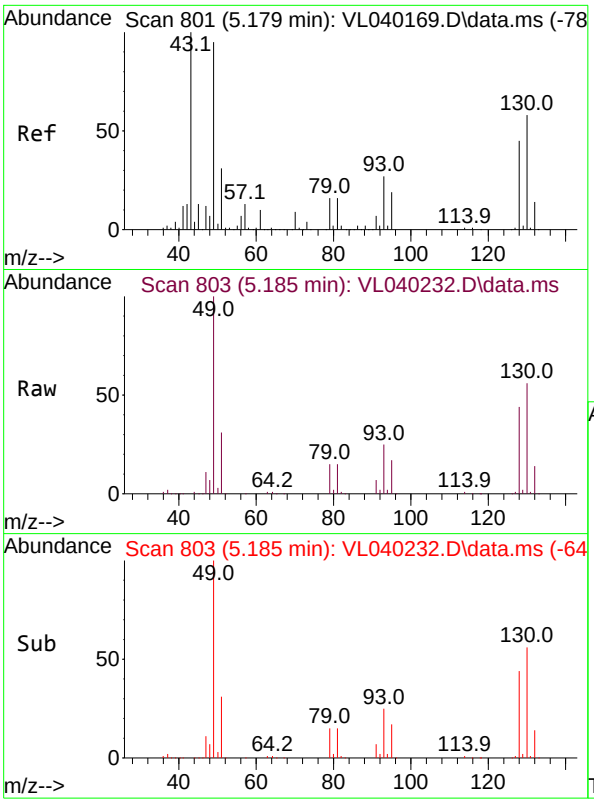


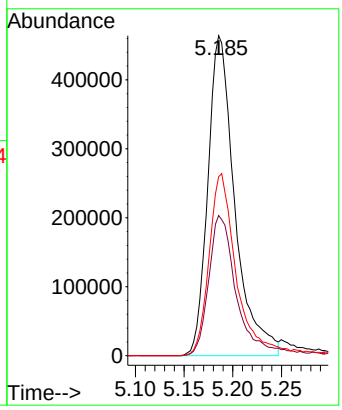


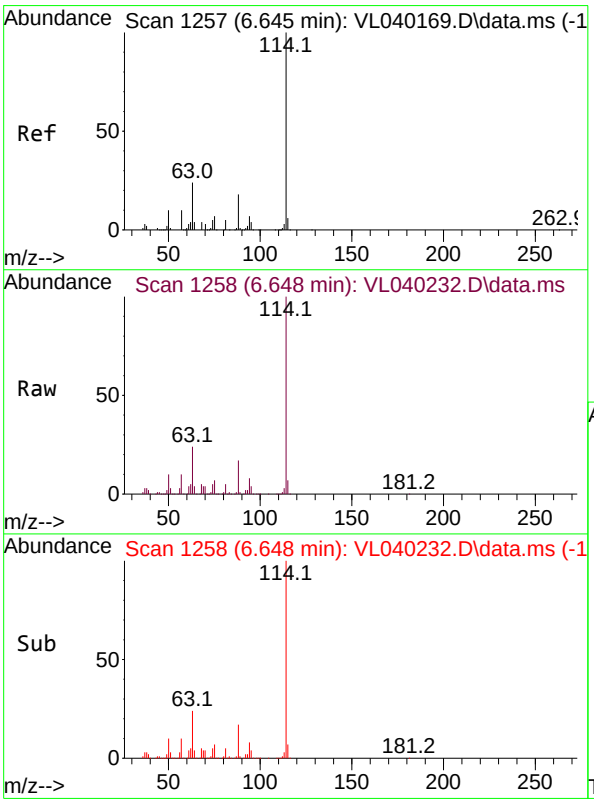
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 8
Delta R.T. 0.003 min
Lab File: VL040232.D
Acq: 27 Feb 2023 12:31

Instrument :
MSVOA_L
ClientSampleId :
QC022723 CAN 10295

Tgt Ion: 49 Resp: 896029

Ion	Ratio	Lower	Upper
49	100		
128	46.5	24.1	72.3
130	59.1	30.9	92.8

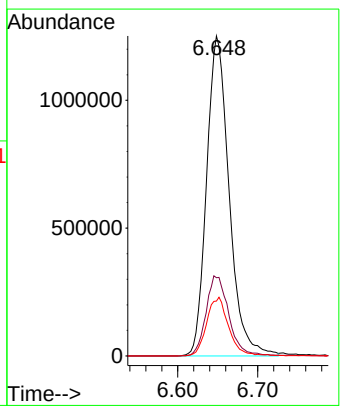


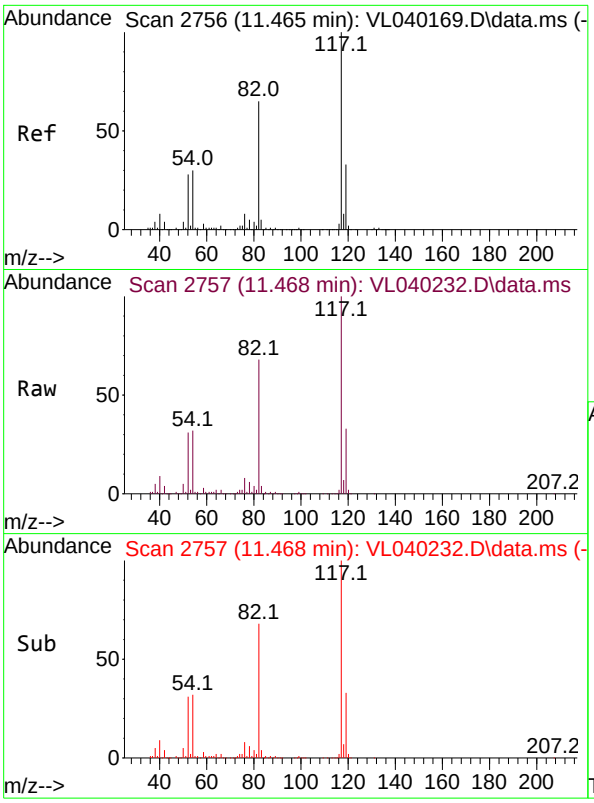


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VL040232.D
Acq: 27 Feb 2023 12:31

Tgt Ion:114 Resp: 2452631

Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.4	30.6
88	18.2	14.3	21.5



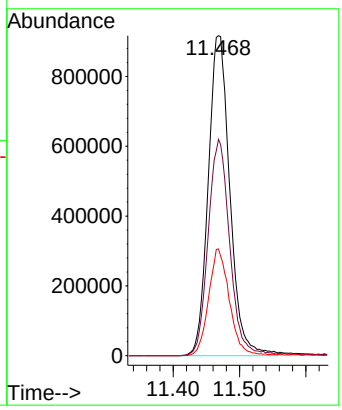


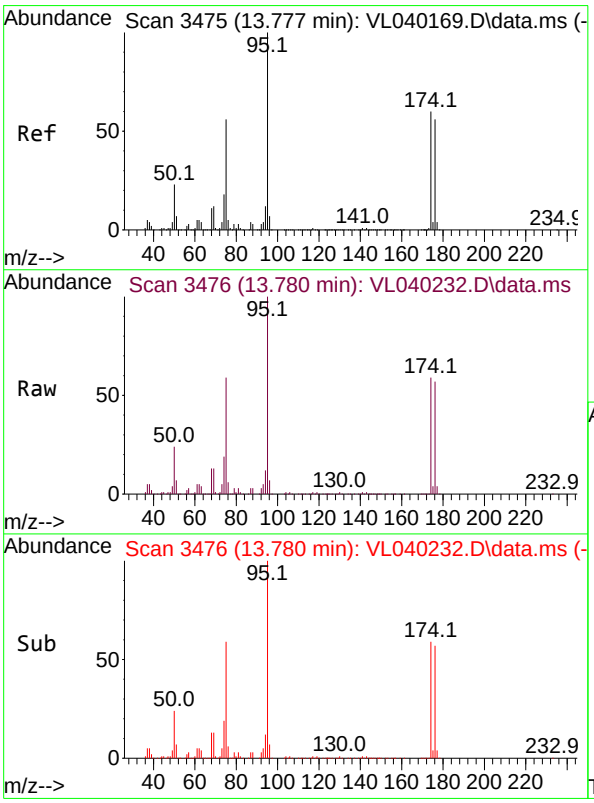
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2
Delta R.T. 0.000 min
Lab File: VL040232.D
Acq: 27 Feb 2023 12:31

Instrument :
MSVOA_L
ClientSampleId :
QC022723 CAN 10295

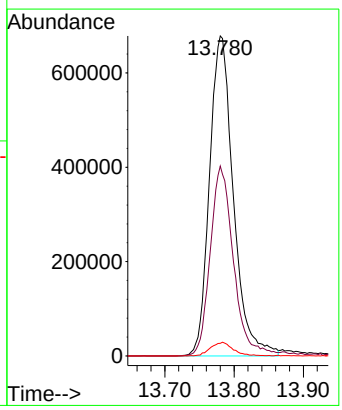
Tgt Ion:117 Resp: 2074935

Ion	Ratio	Lower	Upper
117	100		
82	68.4	53.3	79.9
119	32.8	24.6	37.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.531 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VL040232.D
Acq: 27 Feb 2023 12:31

Tgt Ion: 95 Resp: 1626178

Ion	Ratio	Lower	Upper
95	100		
174	58.5	48.2	72.2
175	4.1	3.4	5.2