Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
Data File : VL039735.D
Acq On : 18 Oct 2022 9:01
Operator : SY/AP
Sample : QC101322 CAN 10607
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC101322 CAN 10607

Quant Time: Oct 18 12:20:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Oct 18 05:23:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.224	49	1029551	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.681	114	2809478	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.491	117	2378089	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1701945	9.587	ppbv	0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.900%			
Target Compounds						Qvalue

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

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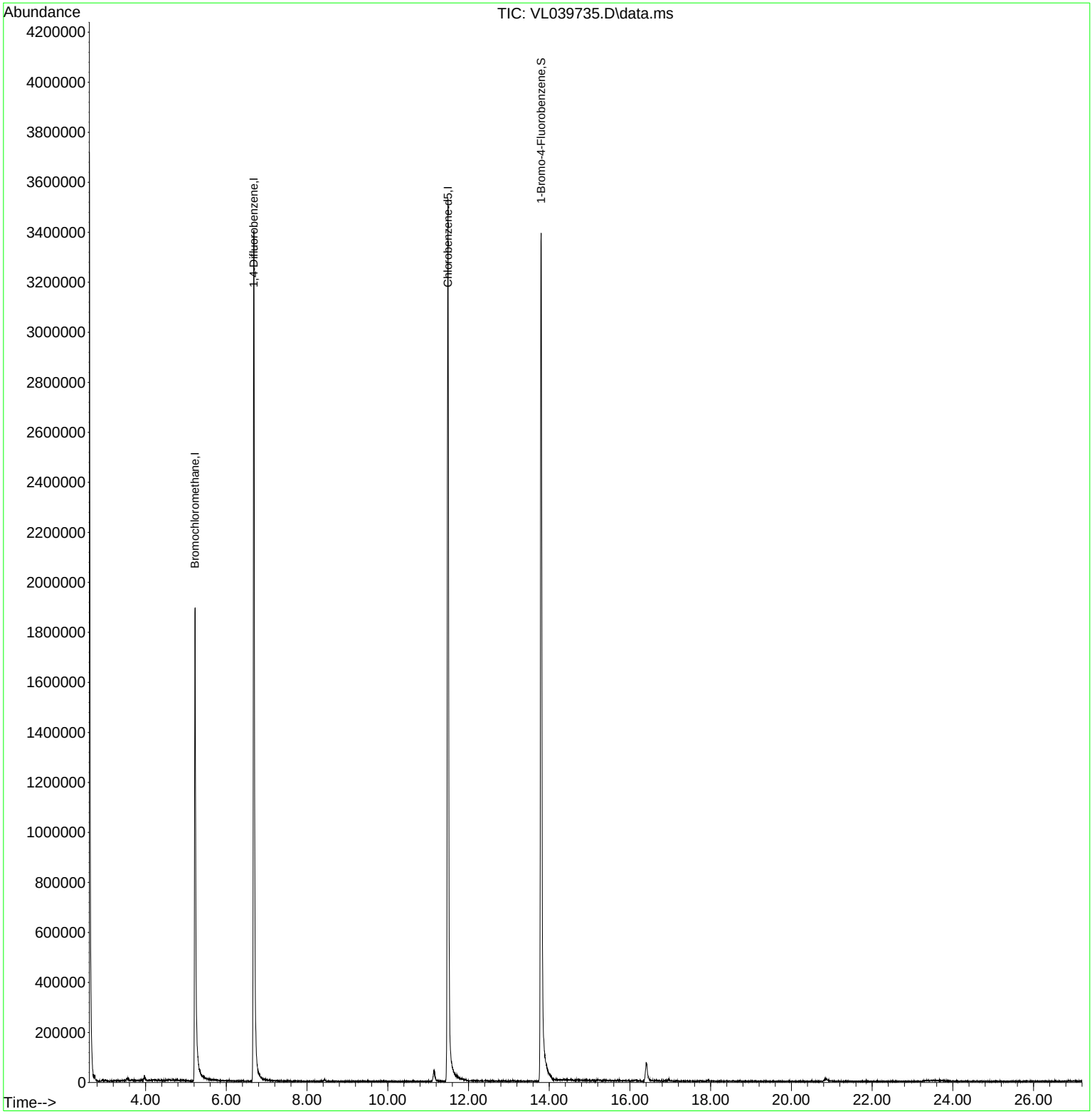
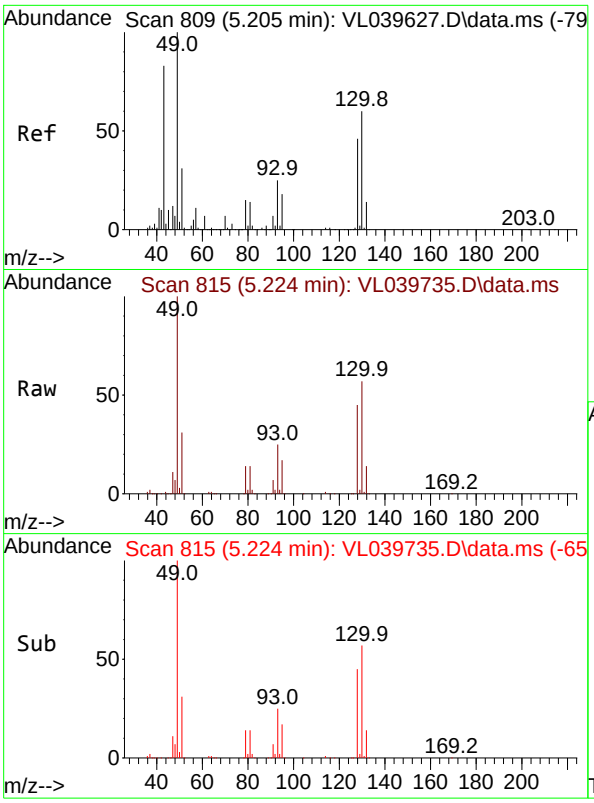


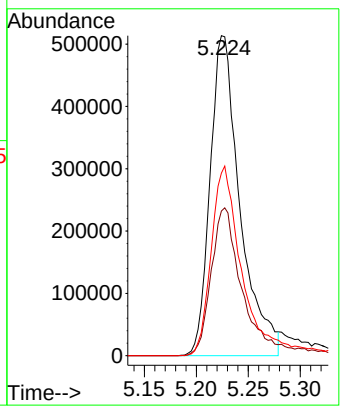


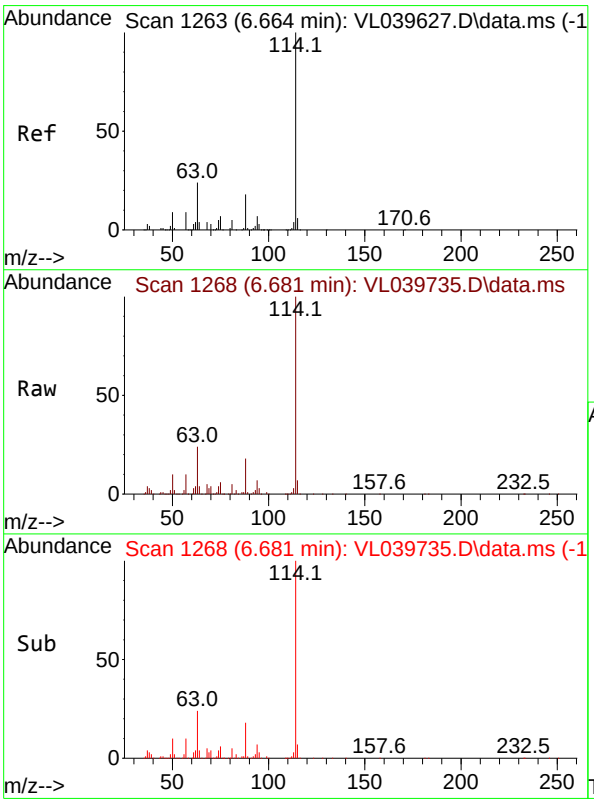
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.224 min Scan# 8
Delta R.T. 0.017 min
Lab File: VL039735.D
Acq: 18 Oct 2022 9:01

Instrument :
MSVOA_L
ClientSampleId :
QC101322 CAN 10607

Tgt Ion: 49 Resp: 1029551

Ion	Ratio	Lower	Upper
49	100		
128	51.1	26.7	80.0
130	64.1	34.3	102.8

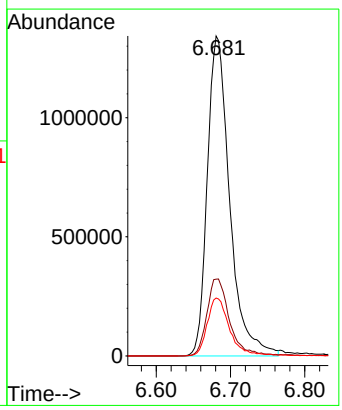


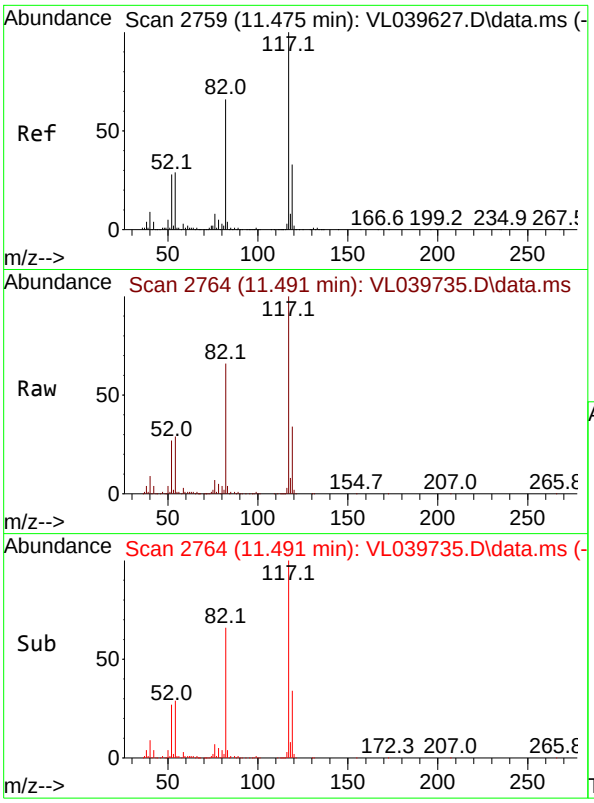


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.681 min Scan# 1268
Delta R.T. 0.020 min
Lab File: VL039735.D
Acq: 18 Oct 2022 9:01

Tgt Ion:114 Resp: 2809478

Ion	Ratio	Lower	Upper
114	100		
63	24.8	20.2	30.4
88	18.3	14.5	21.7



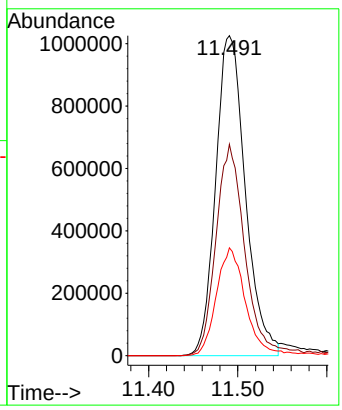


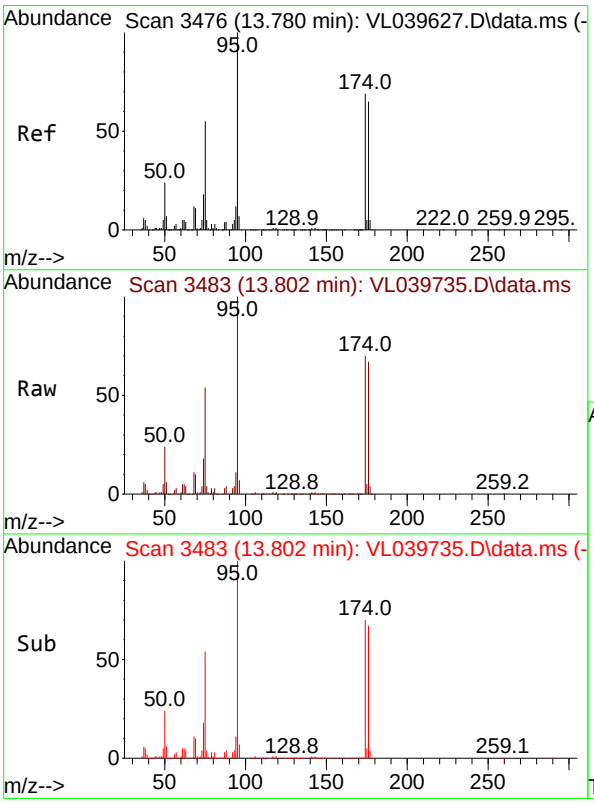
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 2
Delta R.T. 0.020 min
Lab File: VL039735.D
Acq: 18 Oct 2022 9:01

Instrument :
MSVOA_L
ClientSampleId :
QC101322 CAN 10607

Tgt Ion:117 Resp: 2378089

Ion	Ratio	Lower	Upper
117	100		
82	66.5	50.8	76.2
119	34.1	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.587 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.027 min
Lab File: VL039735.D
Acq: 18 Oct 2022 9:01

Tgt Ion: 95 Resp: 1701945

Ion	Ratio	Lower	Upper
95	100		
174	74.7	55.9	83.9
175	5.5	4.2	6.4