Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
Data File : VL040085.D
Acq On : 9 Jan 2023 23:14
Operator : SY/MD
Sample : QC122822 CAN 10269
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

Quant Time: Jan 11 01:09:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 10 00:22:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.185	49	919631	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2312160	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1994022	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1612813	10.588	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.900%			
Target Compounds						Qvalue
20) Methylene Chloride	3.925	84	52942	0.876	ppbv	97
26) Hexane	5.205	57	38669	0.373	ppbv #	35

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

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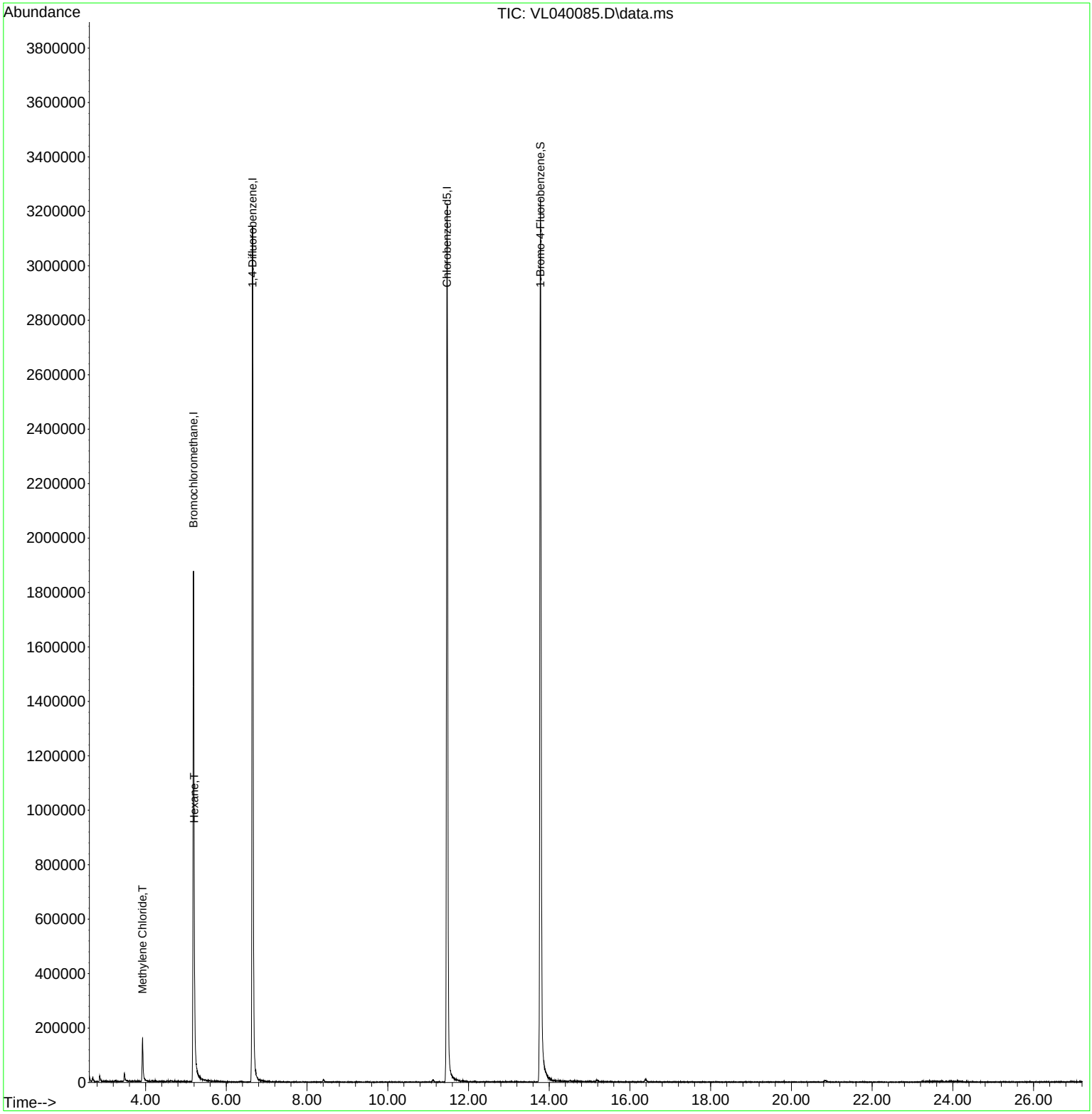
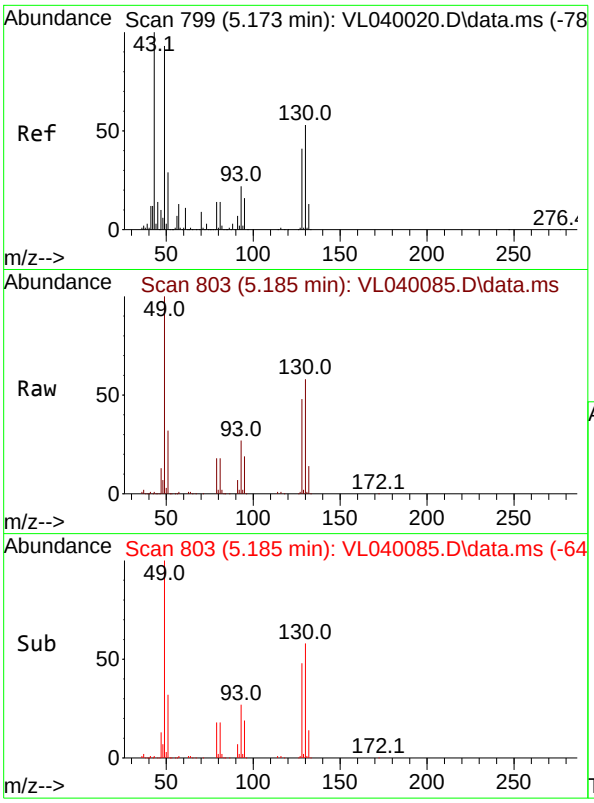


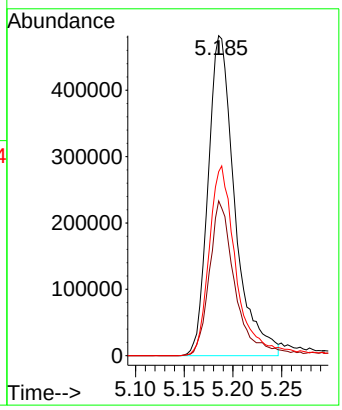


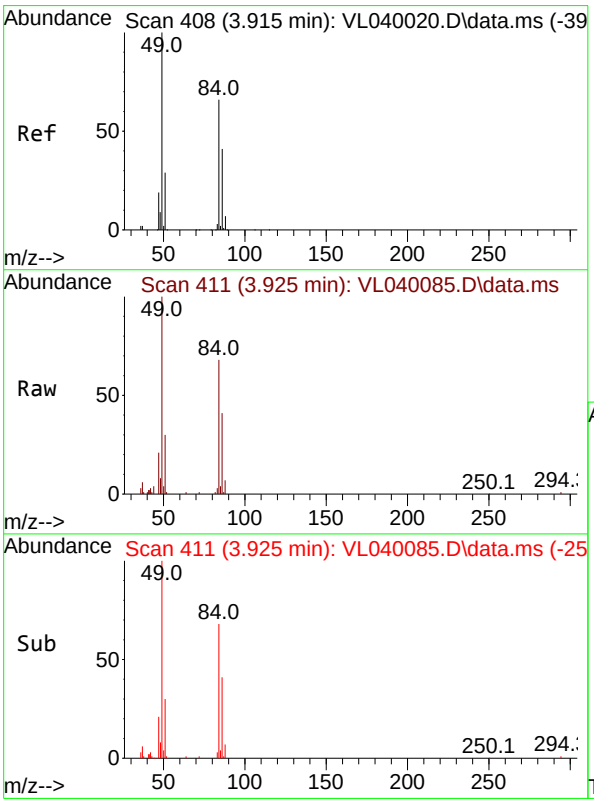
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 8
Delta R.T. 0.000 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

Tgt Ion: 49 Resp: 919631

Ion	Ratio	Lower	Upper
49	100		
128	48.4	22.4	67.3
130	61.6	28.9	86.8

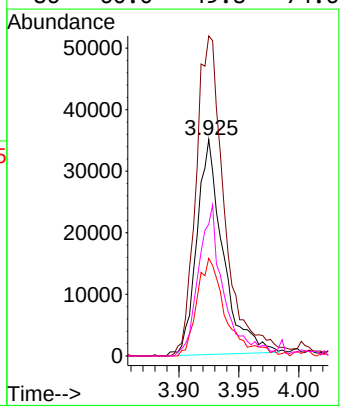


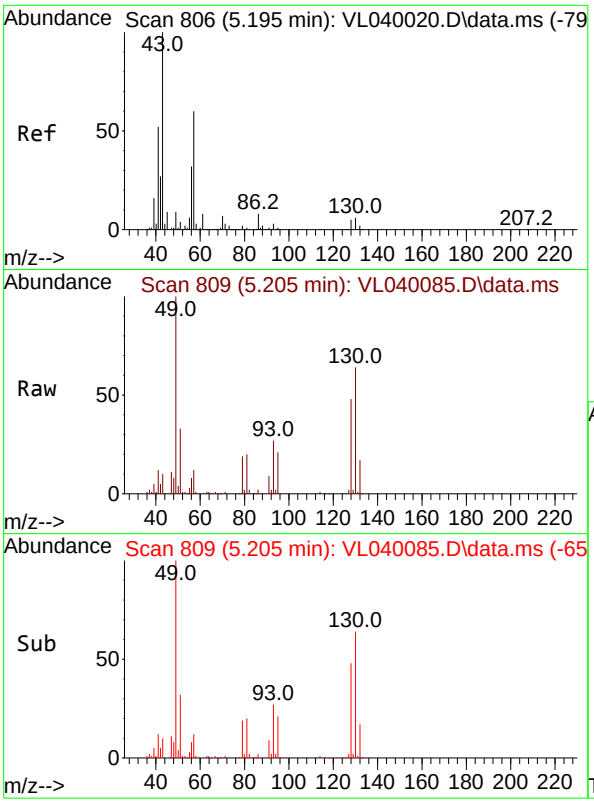


#20
Methylene Chloride
Concen: 0.876 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

Tgt Ion: 84 Resp: 52942

Ion	Ratio	Lower	Upper
84	100		
49	146.3	120.5	180.7
51	45.8	35.2	52.8
86	60.0	49.8	74.6



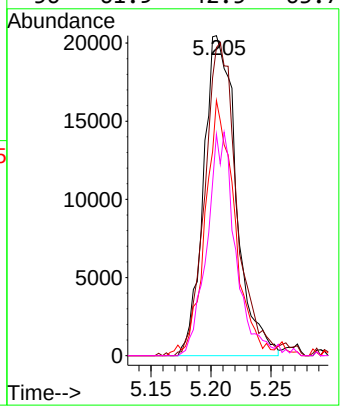


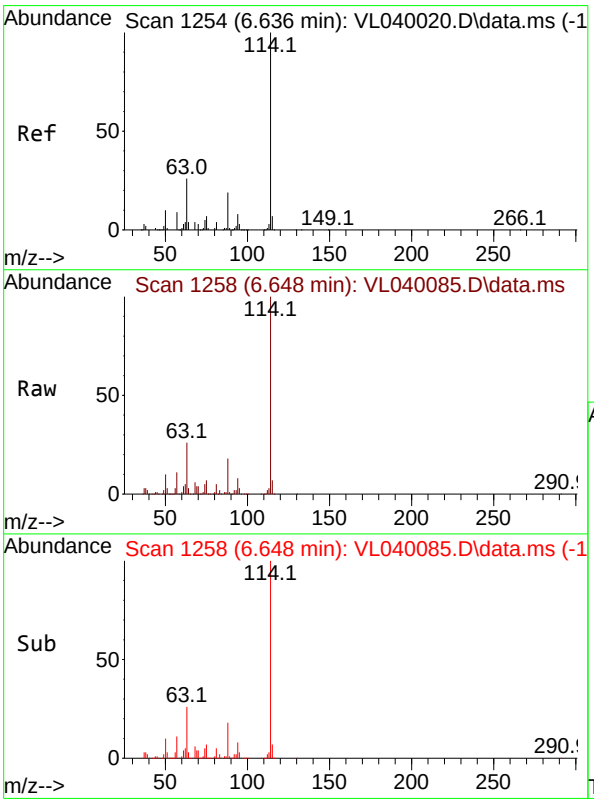
#26
Hexane
Concen: 0.373 ppbv
RT: 5.205 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

Tgt Ion: 57 Resp: 38669

Ion	Ratio	Lower	Upper
57	100		
41	97.5	72.1	108.1
43	73.3	192.1	288.1#
56	61.9	42.5	63.7

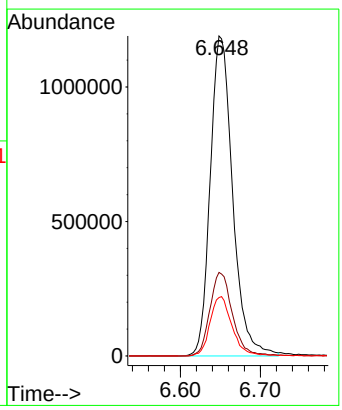


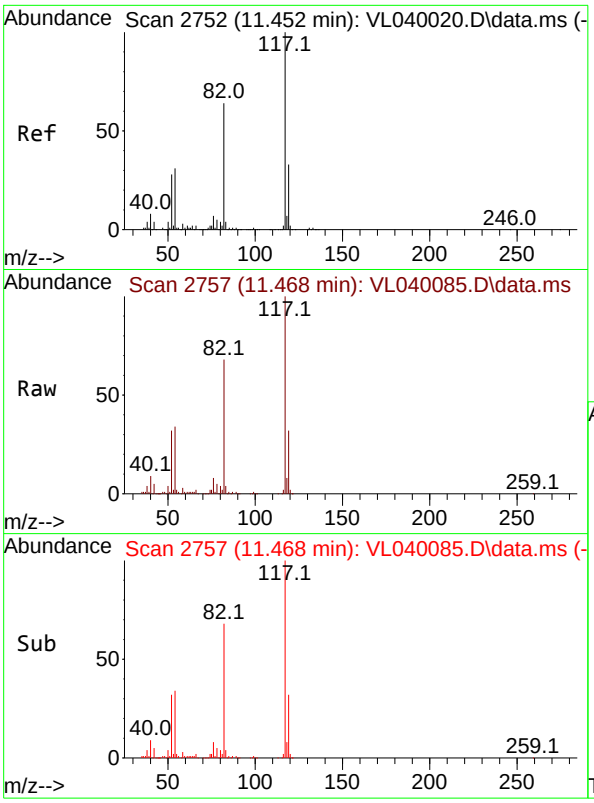


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

Tgt Ion:114 Resp: 2312160

Ion	Ratio	Lower	Upper
114	100		
63	26.5	20.2	30.2
88	18.4	14.6	21.8



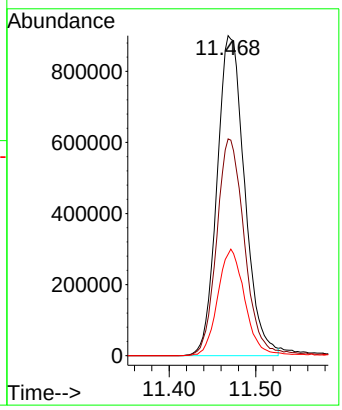


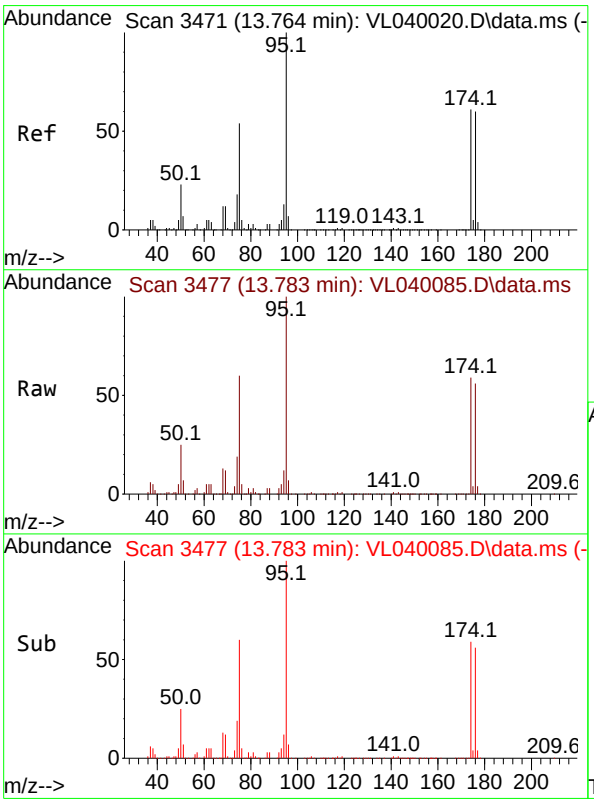
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2
Delta R.T. -0.006 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

Tgt Ion:117 Resp: 1994022

Ion	Ratio	Lower	Upper
117	100		
82	69.1	51.2	76.8
119	33.3	23.2	34.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.588 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

Tgt Ion: 95 Resp: 1612813

Ion	Ratio	Lower	Upper
95	100		
174	60.2	48.6	73.0
175	4.2	3.4	5.2