Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
Data File : VL042398.D
Acq On : 21 Apr 2025 11:04
Operator : SY/MD
Sample : QC041625 CAN 10329
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

Quant Time: Apr 22 08:10:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.784	49	122640	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	341813	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	299973	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	254071	10.307	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.100%			
Target Compounds						Qvalue
20) Methylene Chloride	2.059	84	1419	0.180	ppbv	85

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

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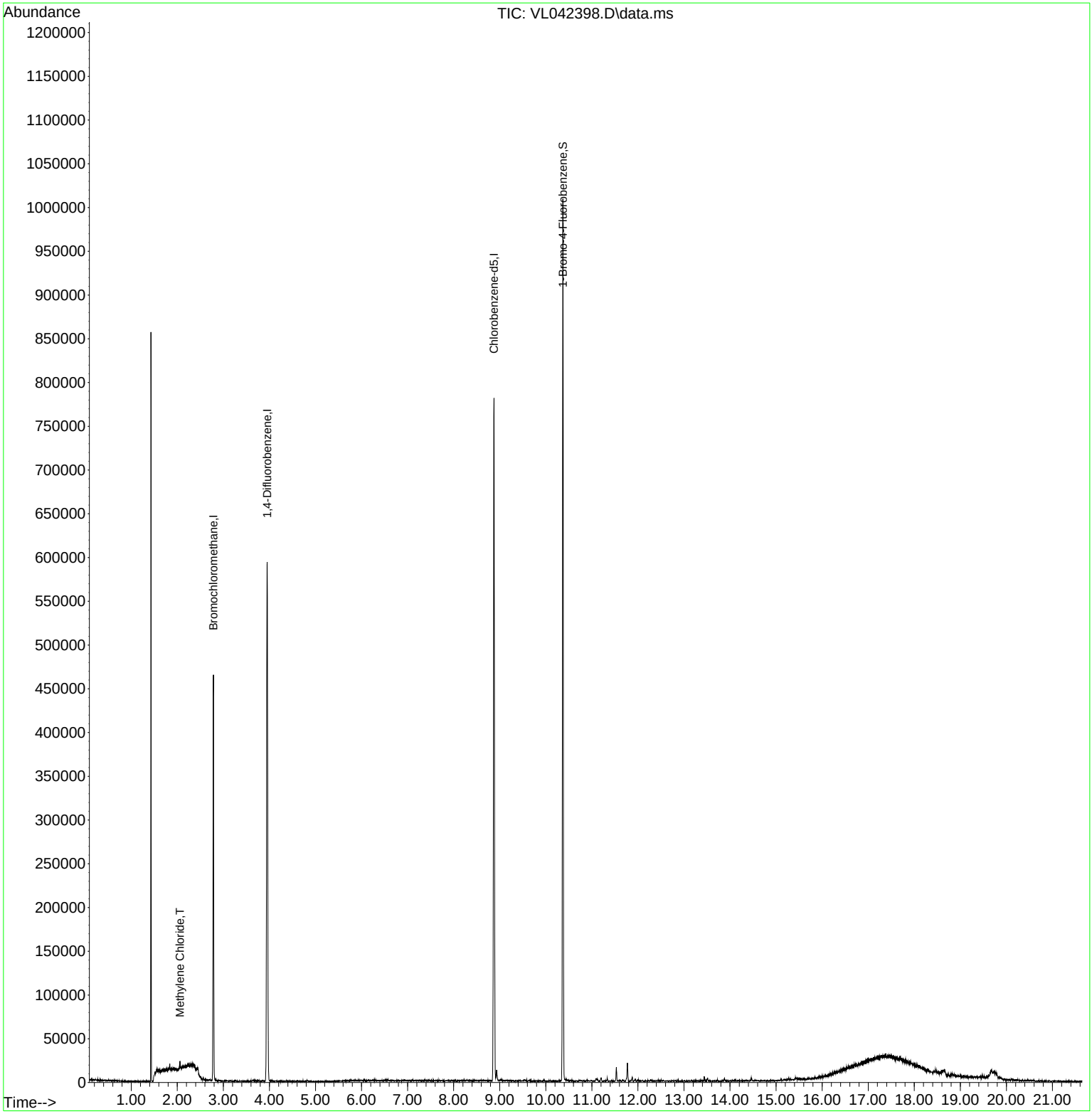
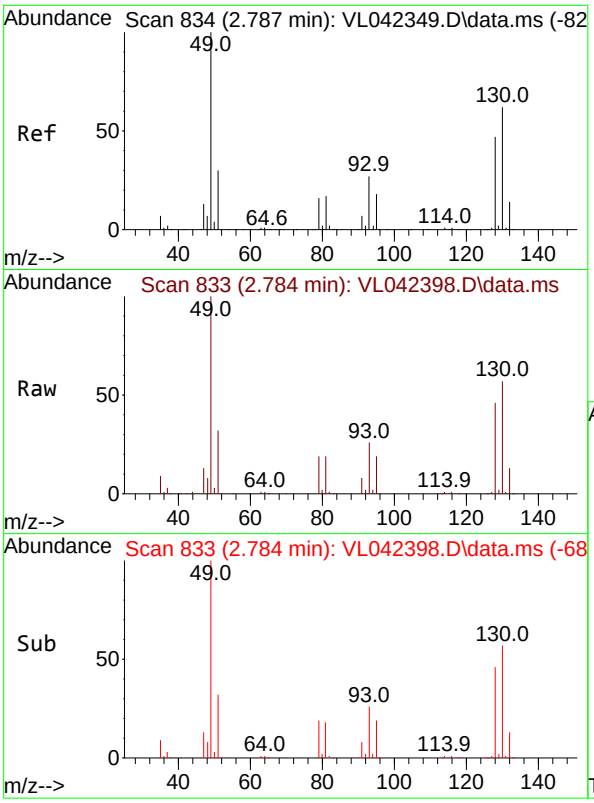


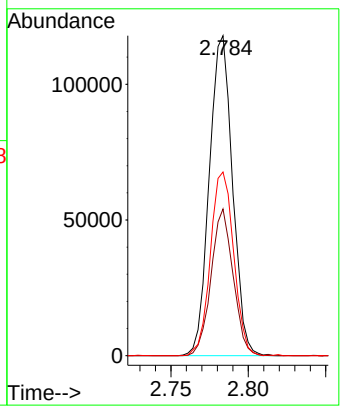


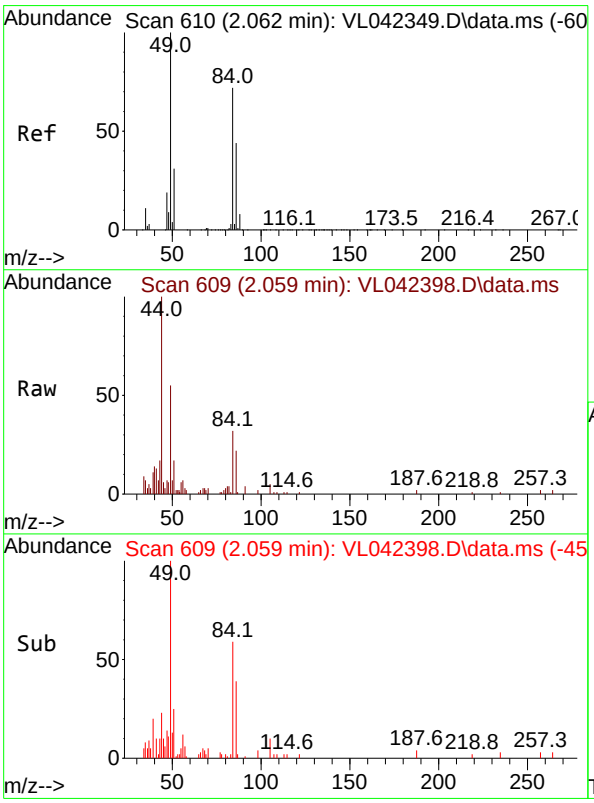
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

Tgt Ion: 49 Resp: 122640

Ion	Ratio	Lower	Upper
49	100		
128	43.5	22.8	68.4
130	57.7	29.3	88.0

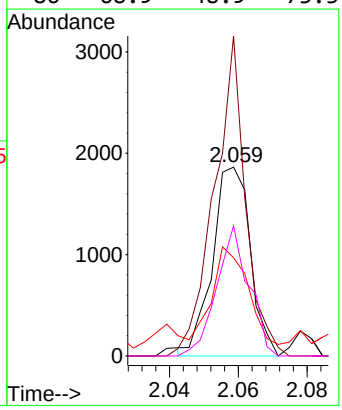


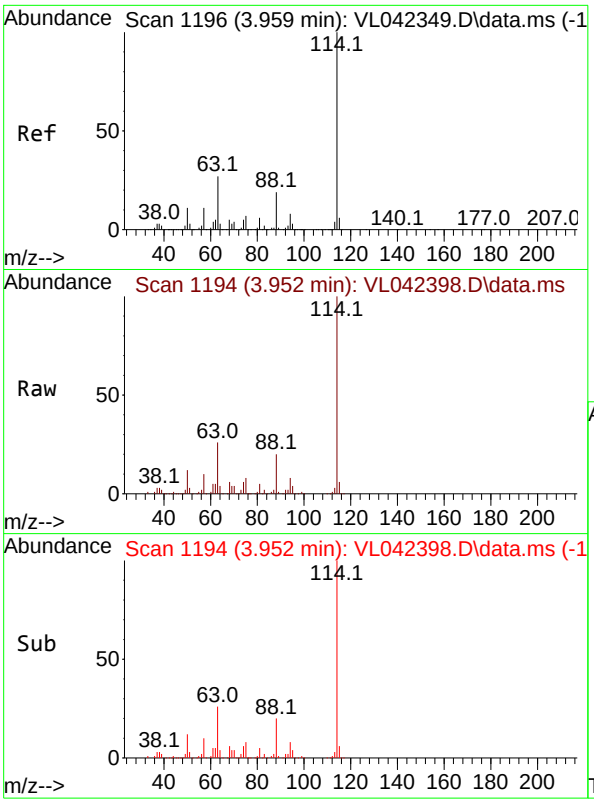


#20
Methylene Chloride
Concen: 0.180 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Tgt Ion: 84 Resp: 1419

Ion	Ratio	Lower	Upper
84	100		
49	165.6	111.6	167.4
51	45.9	35.1	52.7
86	68.9	48.9	73.3



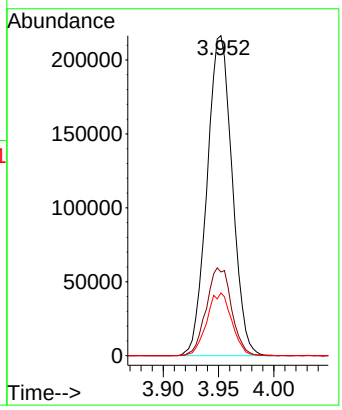


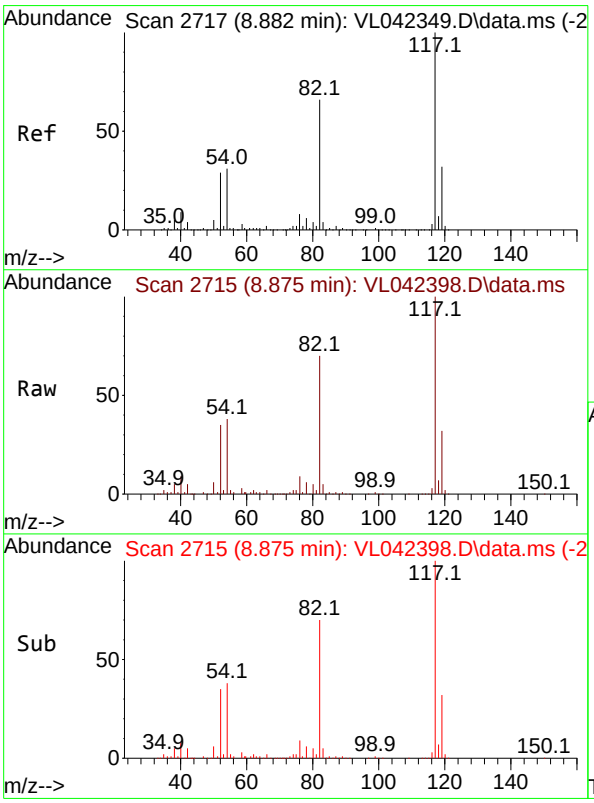
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

Tgt Ion:114 Resp: 341813

Ion	Ratio	Lower	Upper
114	100		
63	27.7	21.8	32.6
88	19.5	15.5	23.3

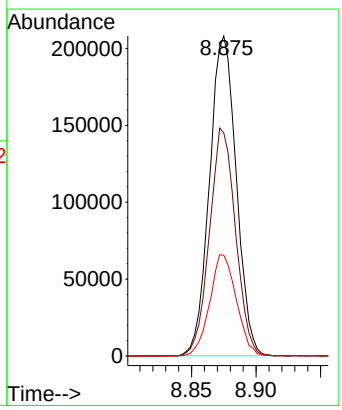


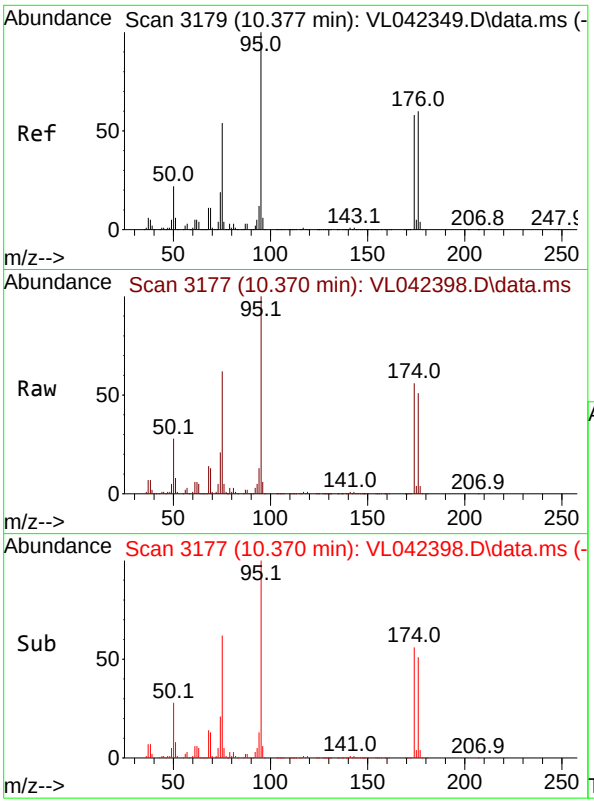


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. -0.007 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Tgt Ion:117 Resp: 299973

Ion	Ratio	Lower	Upper
117	100		
82	69.5	57.8	86.6
119	31.6	25.2	37.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.307 ppbv
RT: 10.370 min Scan# 3
Delta R.T. -0.007 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

Tgt Ion: 95 Resp: 254071

Ion	Ratio	Lower	Upper
95	100		
174	54.1	48.5	72.7
175	4.4	3.7	5.5