Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
Data File : VL042635.D
Acq On : 16 Jun 2025 18:38
Operator : SY/MD
Sample : QC041825 CAN 33628
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN 33628

Quant Time: Jun 17 03:09:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	95799	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	251218	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	221734	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	167623	10.085	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.800%			
Target Compounds						Qvalue
15) Acetone	1.839	43	2708	0.235	ppbv #	87
20) Methylene Chloride	2.065	84	2039	0.535	ppbv	91

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

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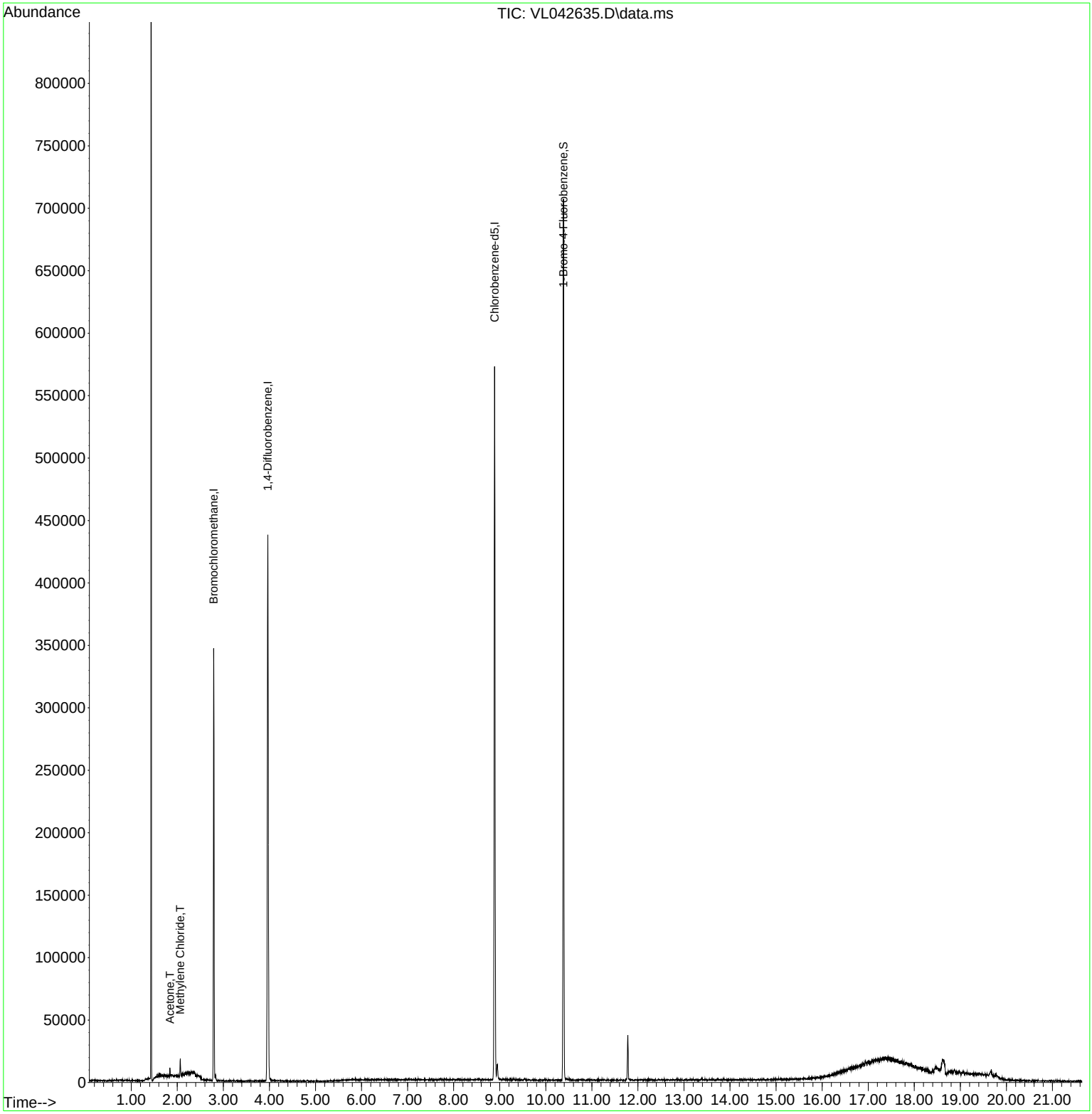
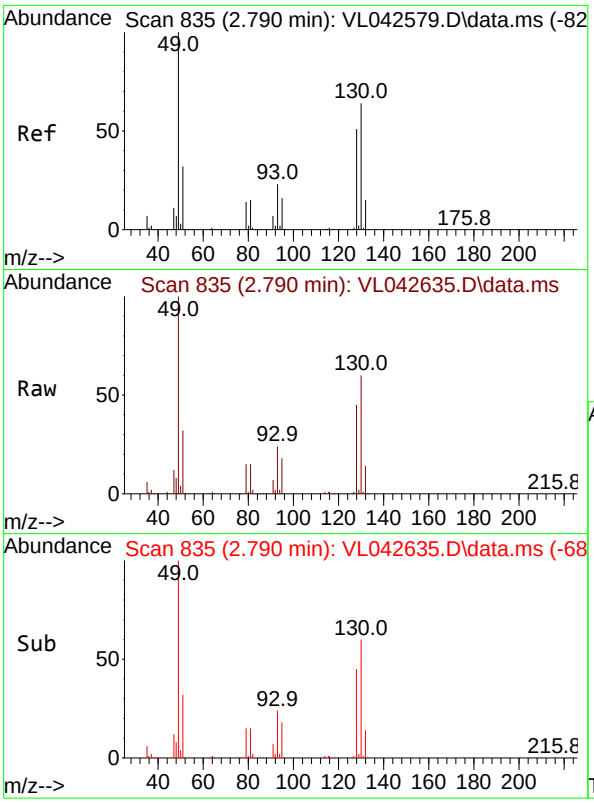


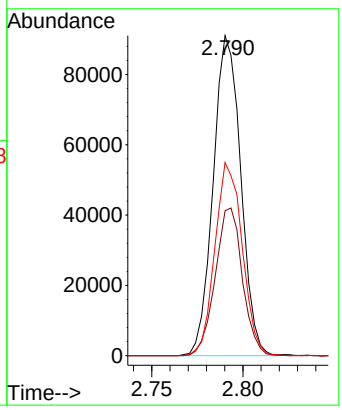


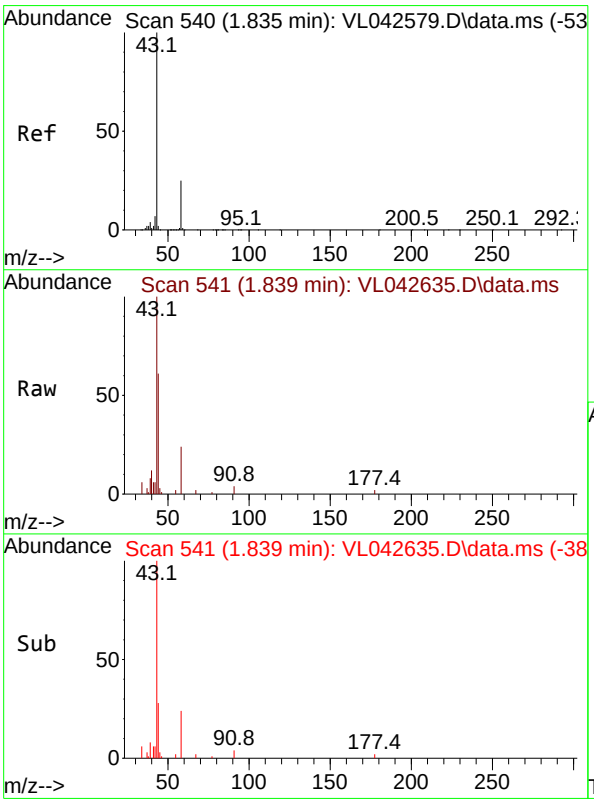
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 8
Delta R.T. 0.000 min
Lab File: VL042635.D
Acq: 16 Jun 2025 18:38

Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN 33628

Tgt Ion: 49 Resp: 95799

Ion	Ratio	Lower	Upper
49	100		
128	45.5	24.2	72.6
130	59.8	30.4	91.2

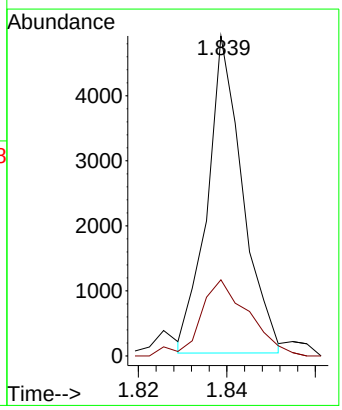


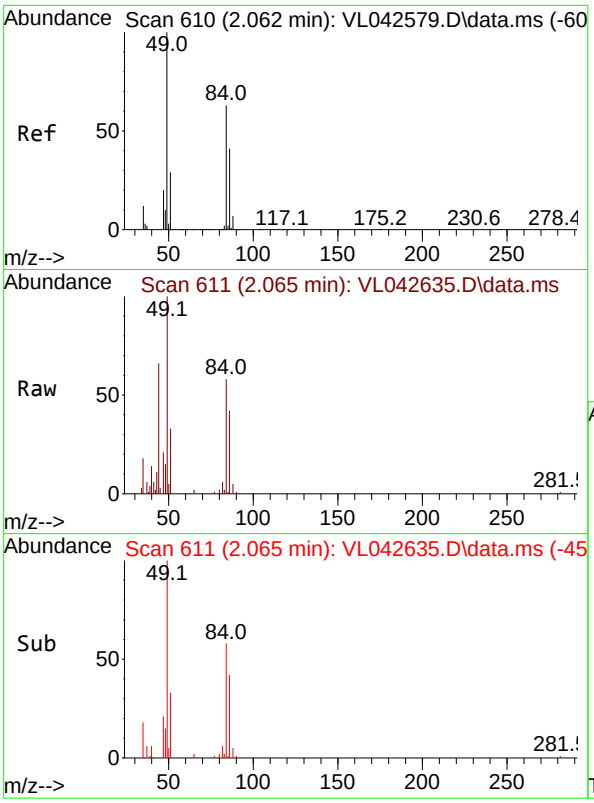


#15
Acetone
Concen: 0.235 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042635.D
Acq: 16 Jun 2025 18:38

Tgt Ion: 43 Resp: 2708

Ion	Ratio	Lower	Upper
43	100		
58	32.9	21.0	31.4#



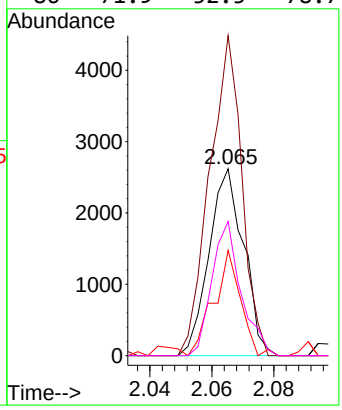


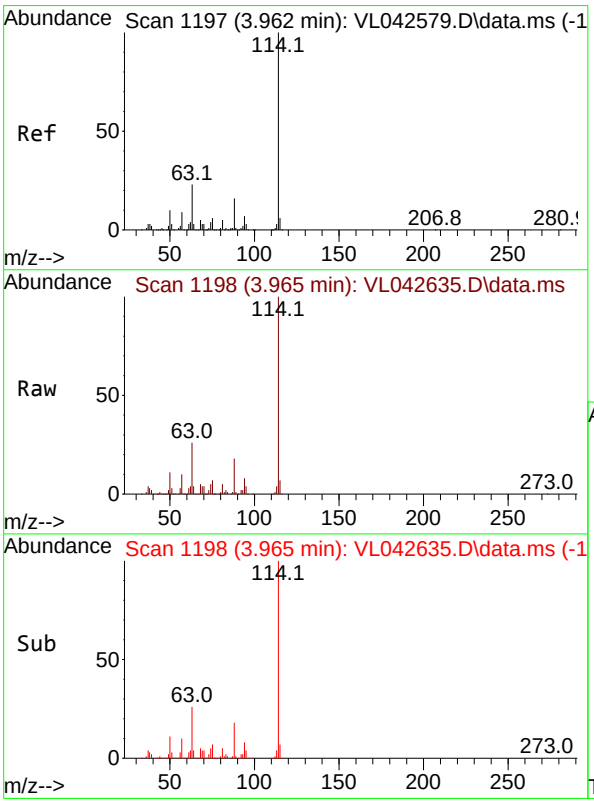
#20
Methylene Chloride
Concen: 0.535 ppbv
RT: 2.065 min Scan# 6
Delta R.T. 0.003 min
Lab File: VL042635.D
Acq: 16 Jun 2025 18:38

Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN 33628

Tgt Ion: 84 Resp: 2039

Ion	Ratio	Lower	Upper
84	100		
49	171.3	128.8	193.2
51	56.4	38.6	57.8
86	71.9	52.5	78.7

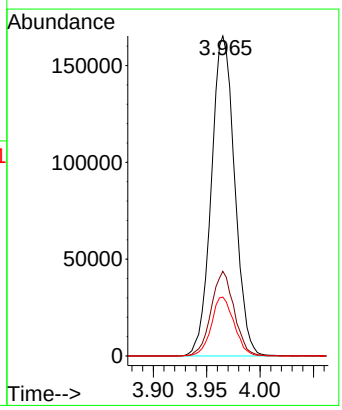


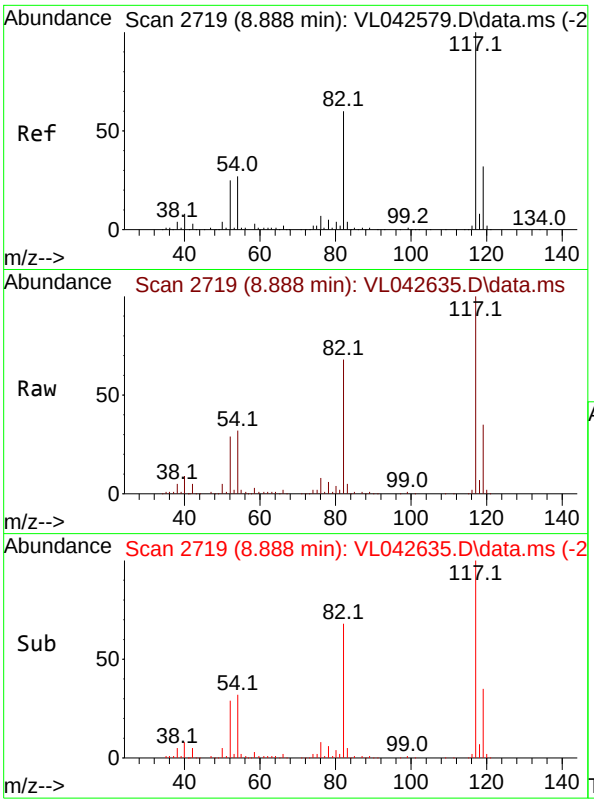


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.003 min
Lab File: VL042635.D
Acq: 16 Jun 2025 18:38

Tgt Ion:114 Resp: 251218

Ion	Ratio	Lower	Upper
114	100		
63	26.1	19.0	28.6
88	18.0	13.6	20.4



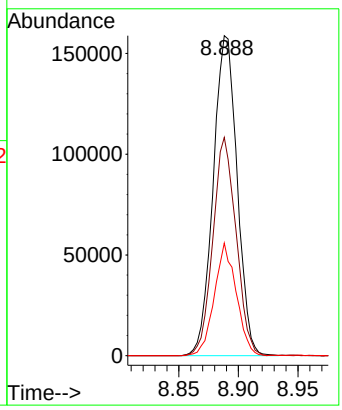


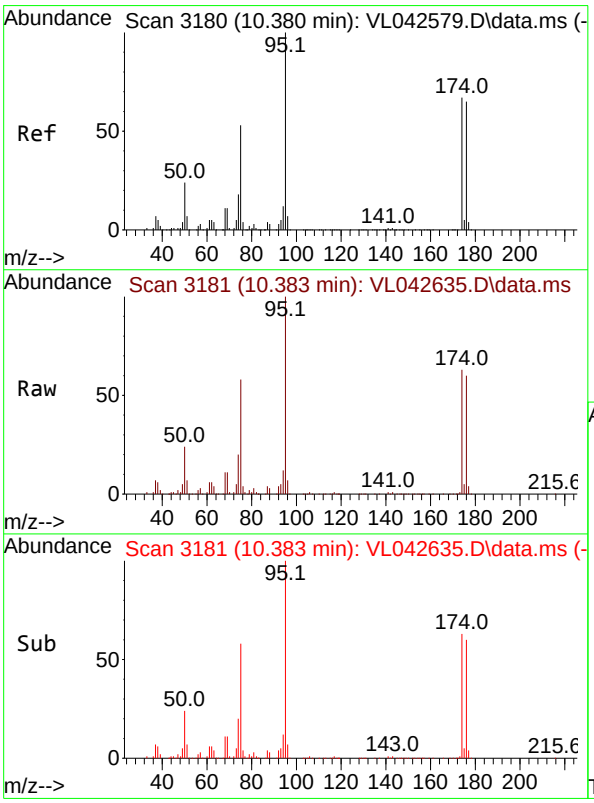
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2
Delta R.T. 0.000 min
Lab File: VL042635.D
Acq: 16 Jun 2025 18:38

Instrument :
MSVOA_L
ClientSampleId :
QC041825 CAN 33628

Tgt Ion:117 Resp: 221734

Ion	Ratio	Lower	Upper
117	100		
82	66.1	51.2	76.8
119	32.3	26.3	39.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.085 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VL042635.D
Acq: 16 Jun 2025 18:38

Tgt Ion: 95 Resp: 167623

Ion	Ratio	Lower	Upper
95	100		
174	63.3	53.1	79.7
175	4.6	4.2	6.2