Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031425\
Data File : VL042148.D
Acq On : 14 Mar 2025 16:29
Operator : SY/MD
Sample : QC031225 CAN 10300
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC031225 CAN 10300

Quant Time: Mar 14 23:19:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	155212	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.962	114	353412	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.885	117	297273	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	230140	10.063	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.600%			
Target Compounds						Qvalue
15) Acetone	1.839	43	7765	0.567	ppbv	# 89
20) Methylene Chloride	2.062	84	2343	0.452	ppbv	# 82

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

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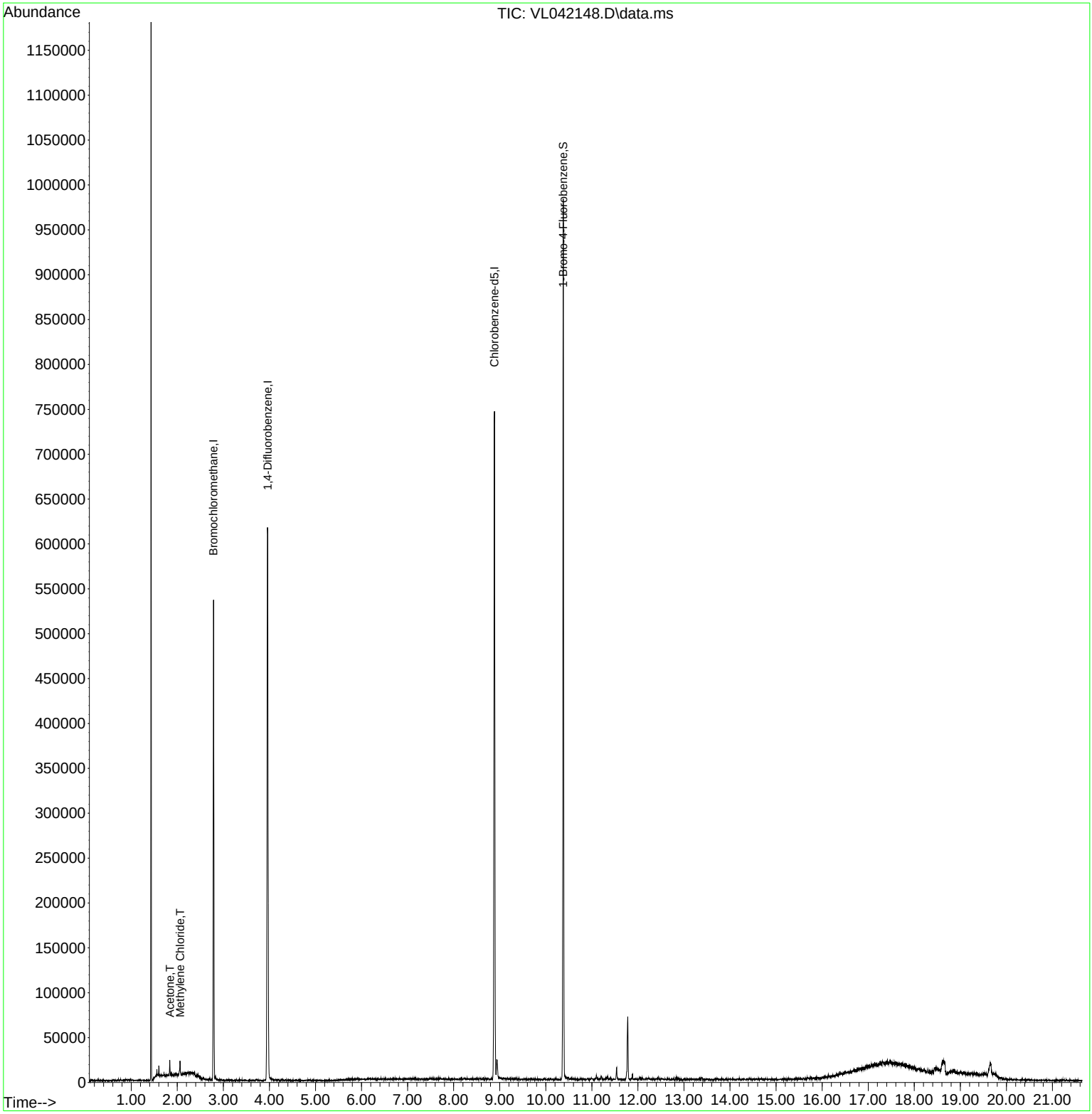
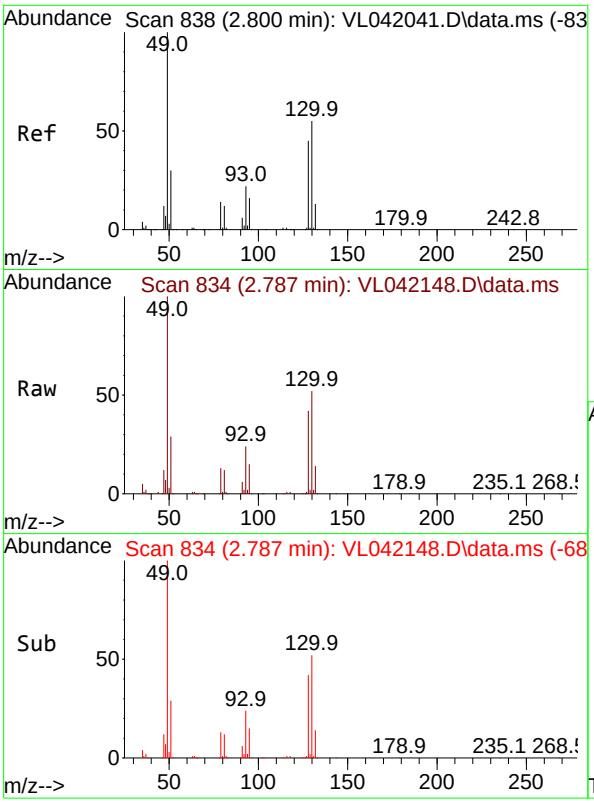


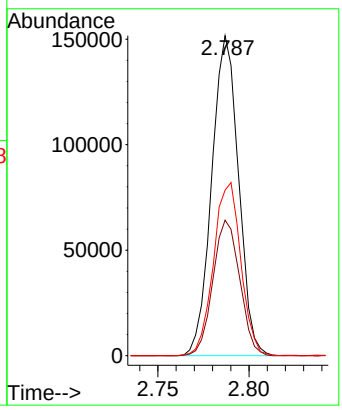


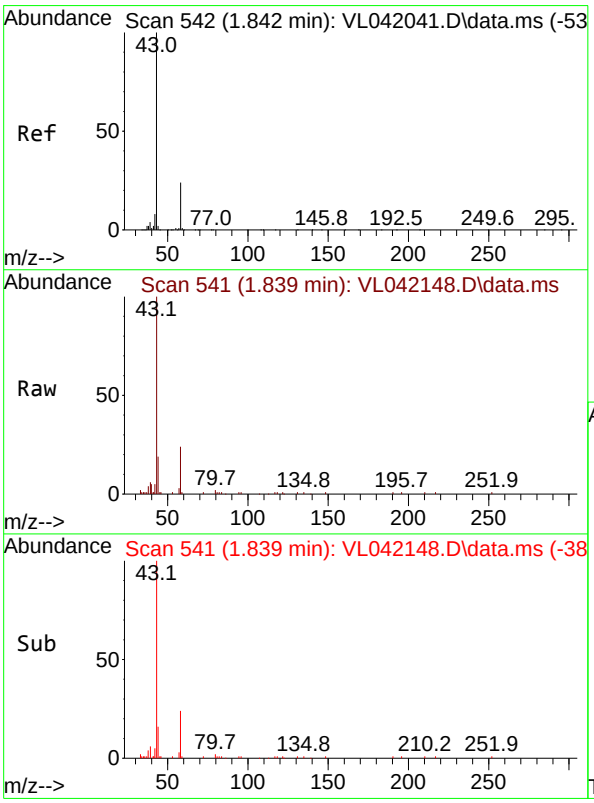
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 8
Delta R.T. -0.013 min
Lab File: VL042148.D
Acq: 14 Mar 2025 16:29

Instrument :
MSVOA_L
ClientSampleId :
QC031225 CAN 10300

Tgt Ion: 49 Resp: 155212

Ion	Ratio	Lower	Upper
49	100		
128	42.4	21.6	64.8
130	55.1	27.8	83.4

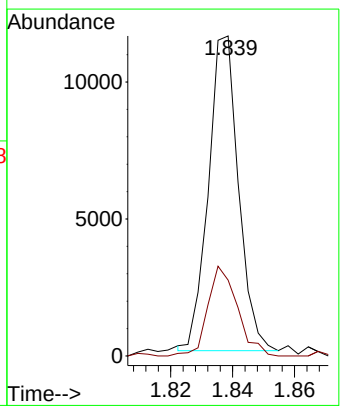


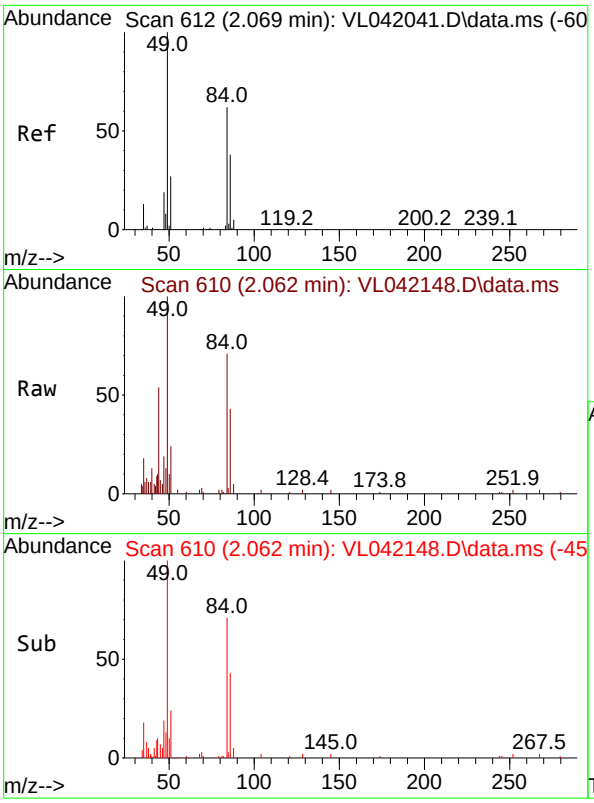


#15
Acetone
Concen: 0.567 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042148.D
Acq: 14 Mar 2025 16:29

Tgt Ion: 43 Resp: 7765

Ion	Ratio	Lower	Upper
43	100		
58	31.3	20.7	31.1#



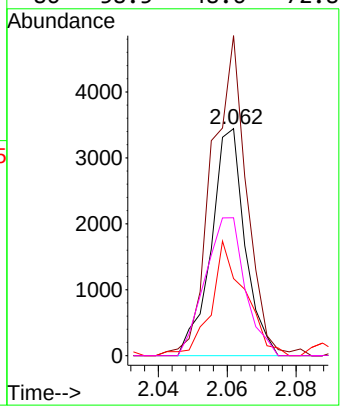


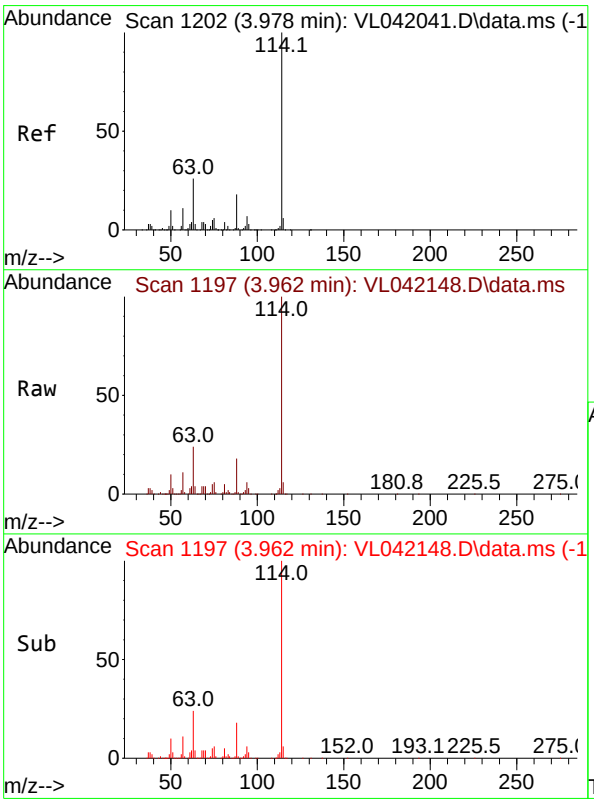
#20
Methylene Chloride
Concen: 0.452 ppbv
RT: 2.062 min Scan# 6
Delta R.T. -0.007 min
Lab File: VL042148.D
Acq: 14 Mar 2025 16:29

Instrument :
MSVOA_L
ClientSampleId :
QC031225 CAN 10300

Tgt Ion: 84 Resp: 2343

Ion	Ratio	Lower	Upper
84	100		
49	133.3	130.0	195.0
51	31.0	37.4	56.0#
86	58.5	48.6	72.8

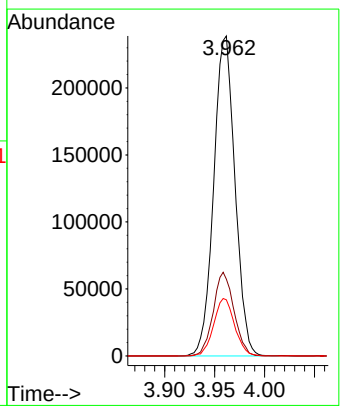


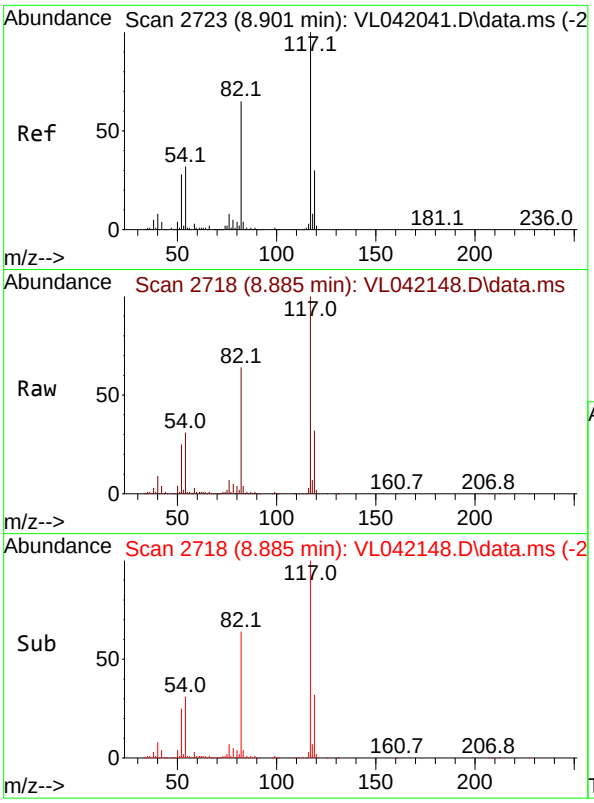


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.016 min
Lab File: VL042148.D
Acq: 14 Mar 2025 16:29

Tgt Ion:114 Resp: 353412

Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.1	30.1
88	17.7	14.3	21.5



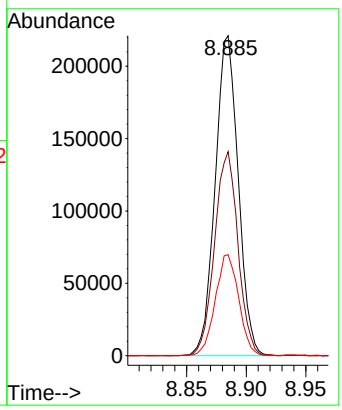


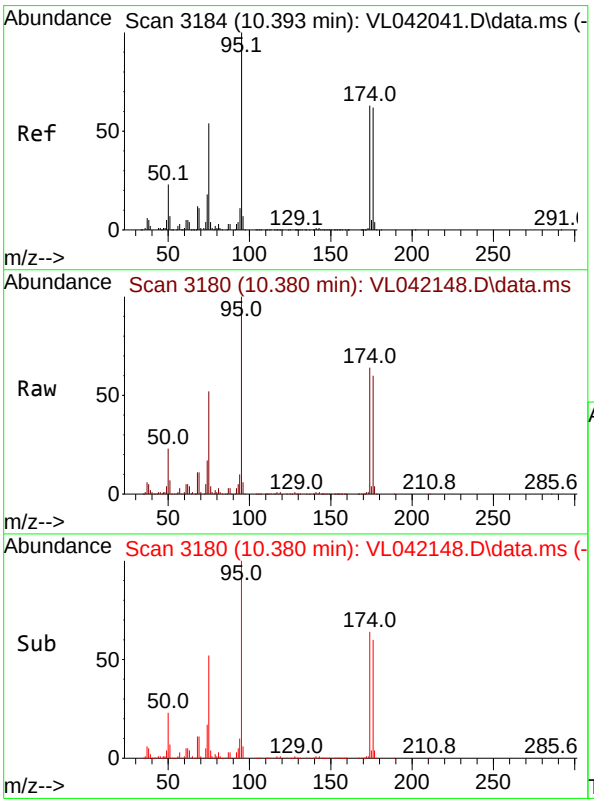
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2
Delta R.T. -0.016 min
Lab File: VL042148.D
Acq: 14 Mar 2025 16:29

Instrument :
MSVOA_L
ClientSampleId :
QC031225 CAN 10300

Tgt Ion:117 Resp: 297273

Ion	Ratio	Lower	Upper
117	100		
82	64.8	55.0	82.6
119	32.2	25.9	38.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.063 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. -0.013 min
Lab File: VL042148.D
Acq: 14 Mar 2025 16:29

Tgt Ion: 95 Resp: 230140

Ion	Ratio	Lower	Upper
95	100		
174	65.0	51.8	77.6
175	4.8	3.9	5.9