Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041525\
Data File : VL042329.D
Acq On : 15 Apr 2025 13:26
Operator : SY/MD
Sample : QC041425 CAN 10401
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041425 CAN 10401

Quant Time: Apr 16 01:31:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.810	49	171639	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	3.998	114	437142	10.000	ppbv	0.05
55) Chlorobenzene-d5	8.917	117	382759	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.406	95	290432	9.240	ppbv	0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.400%			
Target Compounds						Qvalue
15) Acetone	1.852	43	3095	0.129	ppbv	94
20) Methylene Chloride	2.078	84	1508	0.169	ppbv #	75

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

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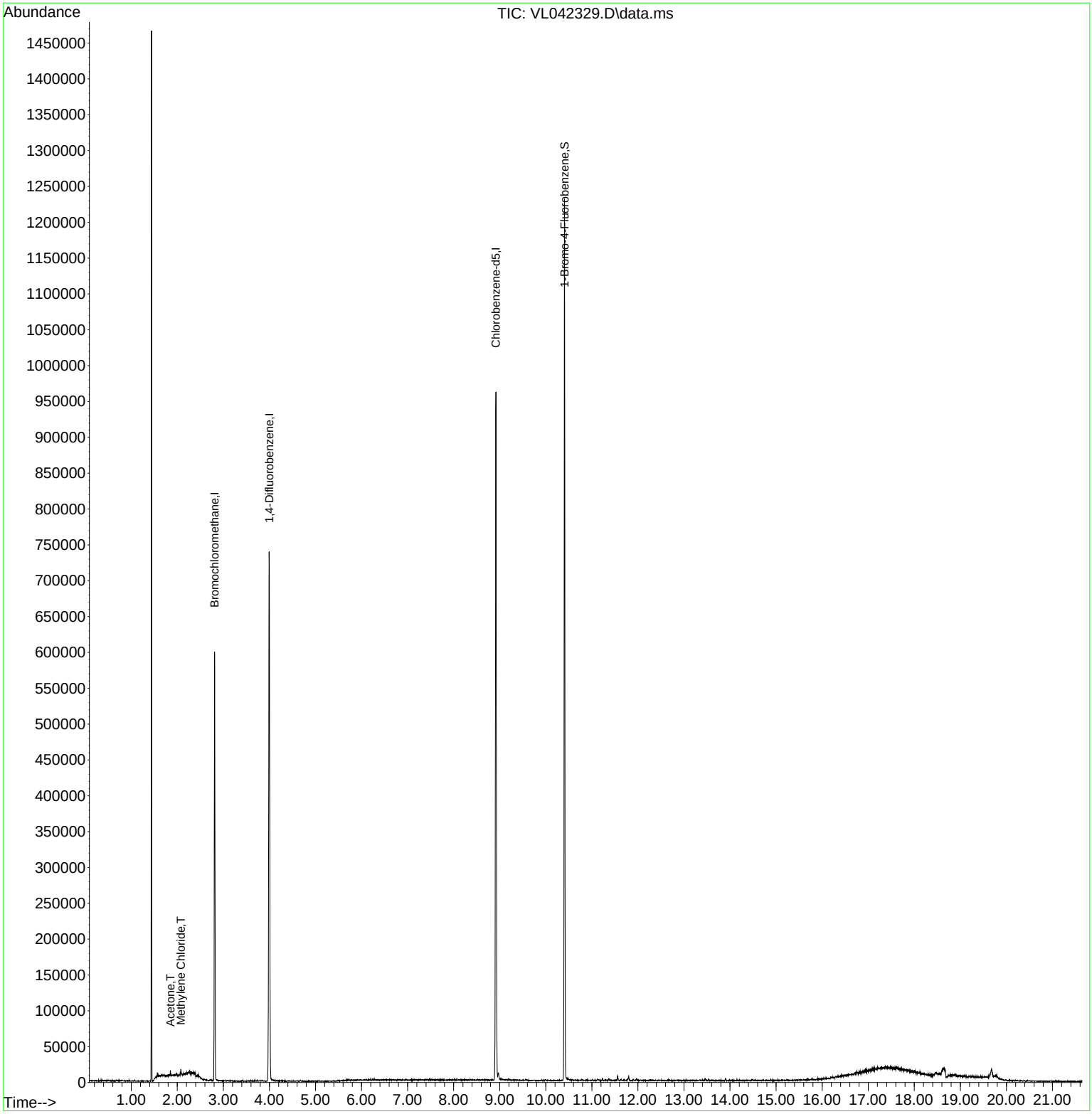
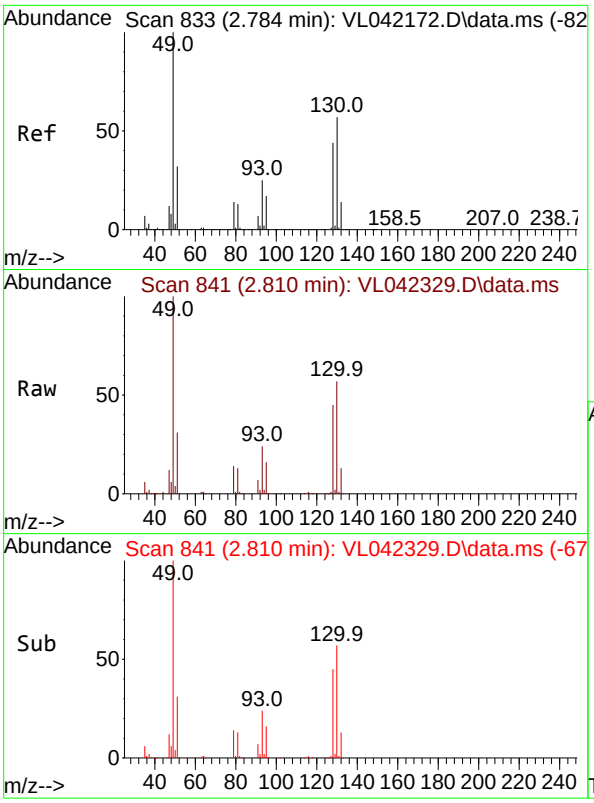


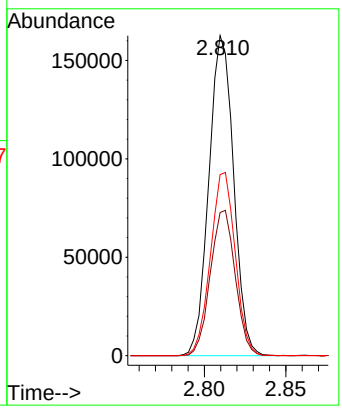


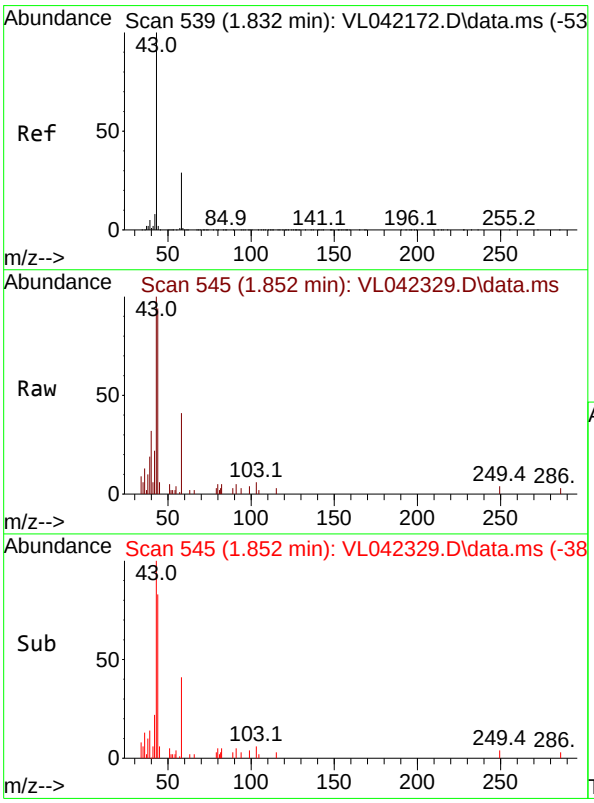
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.810 min Scan# 84
Delta R.T. 0.026 min
Lab File: VL042329.D
Acq: 15 Apr 2025 13:26

Instrument :
MSVOA_L
ClientSampleId :
QC041425 CAN 10401

Tgt Ion: 49 Resp: 171639

Ion	Ratio	Lower	Upper
49	100		
128	45.7	22.9	68.5
130	57.4	28.8	86.4

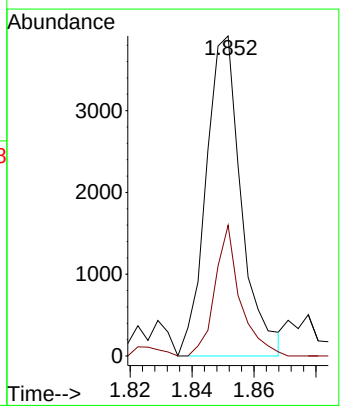


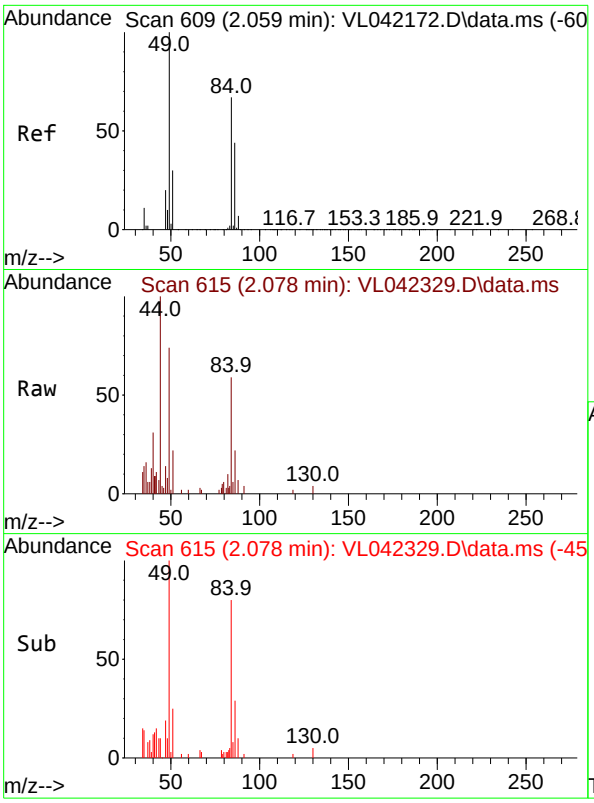


#15
Acetone
Concen: 0.129 ppbv
RT: 1.852 min Scan# 545
Delta R.T. 0.019 min
Lab File: VL042329.D
Acq: 15 Apr 2025 13:26

Tgt Ion: 43 Resp: 3095

Ion	Ratio	Lower	Upper
43	100		
58	32.0	23.2	34.8



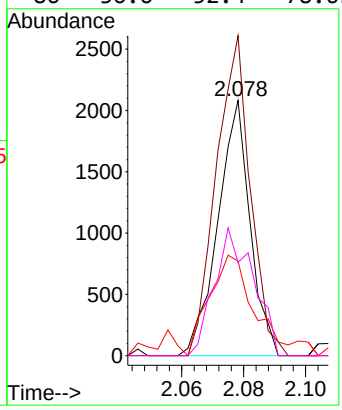


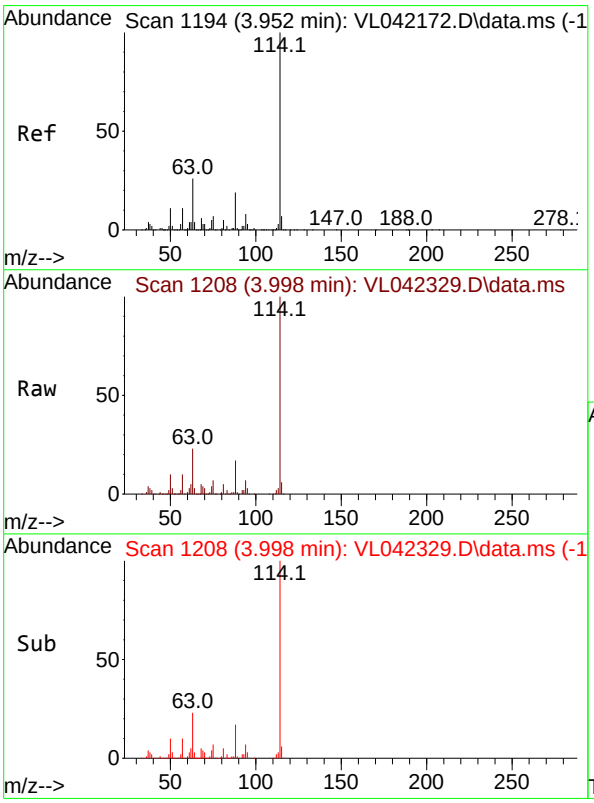
#20
Methylene Chloride
Concen: 0.169 ppbv
RT: 2.078 min Scan# 6
Delta R.T. 0.019 min
Lab File: VL042329.D
Acq: 15 Apr 2025 13:26

Instrument :
MSVOA_L
ClientSampleId :
QC041425 CAN 10401

Tgt Ion: 84 Resp: 1508

Ion	Ratio	Lower	Upper
84	100		
49	122.4	120.2	180.4
51	33.1	37.4	56.0#
86	36.6	52.4	78.6#

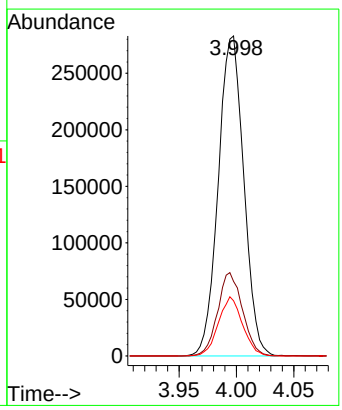


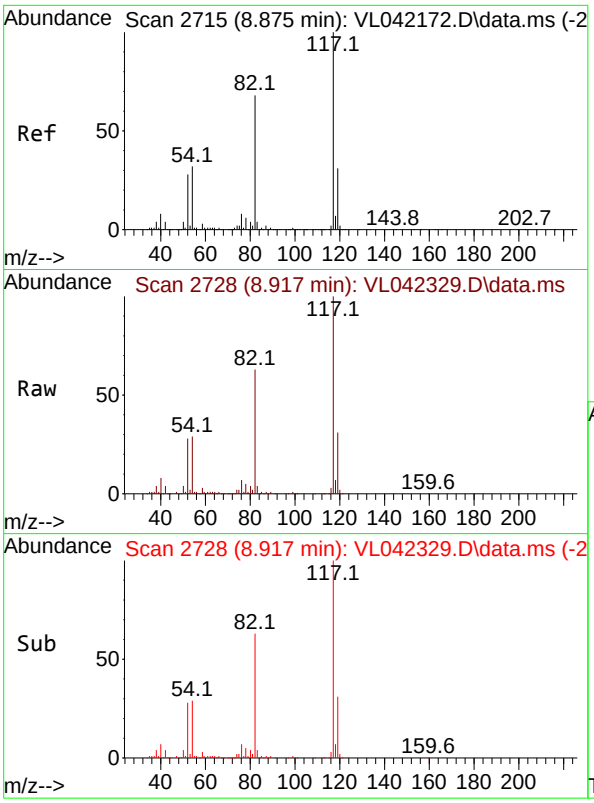


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.998 min Scan# 1208
Delta R.T. 0.045 min
Lab File: VL042329.D
Acq: 15 Apr 2025 13:26

Tgt Ion:114 Resp: 437142

Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.7	31.1
88	17.5	15.0	22.4



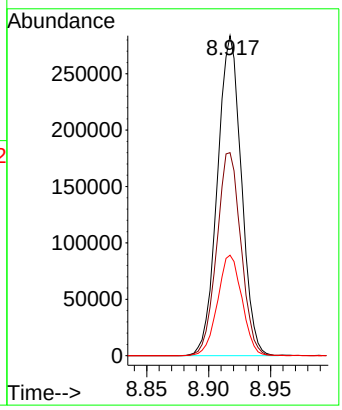


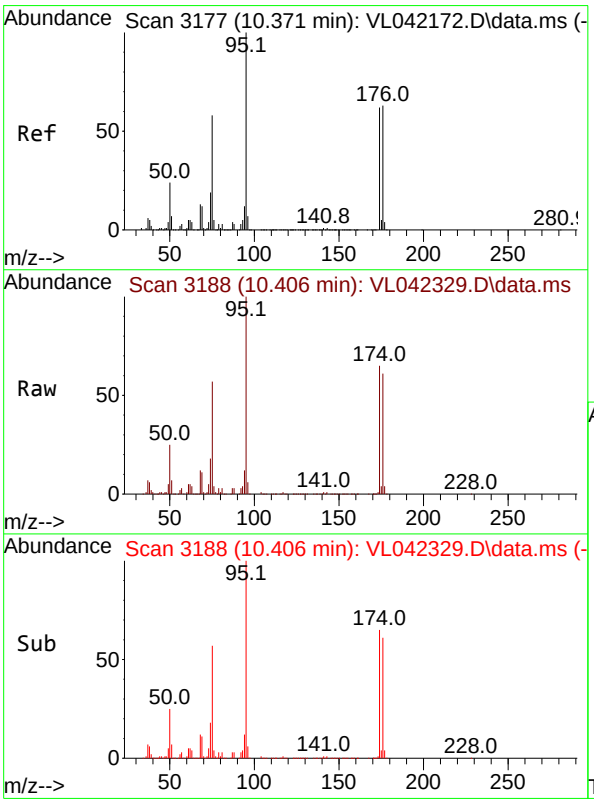
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.917 min Scan# 2
Delta R.T. 0.042 min
Lab File: VL042329.D
Acq: 15 Apr 2025 13:26

Instrument :
MSVOA_L
ClientSampleId :
QC041425 CAN 10401

Tgt Ion:117 Resp: 382759

Ion	Ratio	Lower	Upper
117	100		
82	64.2	55.8	83.6
119	32.0	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.240 ppbv
RT: 10.406 min Scan# 3188
Delta R.T. 0.035 min
Lab File: VL042329.D
Acq: 15 Apr 2025 13:26

Tgt Ion: 95 Resp: 290432

Ion	Ratio	Lower	Upper
95	100		
174	64.4	50.6	76.0
175	4.7	3.8	5.6