Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041922\
Data File : VL038953.D
Acq On : 20 Apr 2022 8:25
Operator : SY/AP
Sample : QC041922 CAN 10598
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041922 CAN 10598

Quant Time: Apr 20 10:23:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.642	49	1062389	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.147	114	2836013	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.053	117	2512564	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.381	95	1979388	10.386	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.900%			
Target Compounds						Qvalue
13) Ethanol	3.594	45	797	0.191	ppbv	# 100
20) Methylene Chloride	4.333	84	2638	0.069	ppbv	# 45
39) 1,2-Dichloropropane	7.189	63	23020	0.233	ppbv	# 24

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

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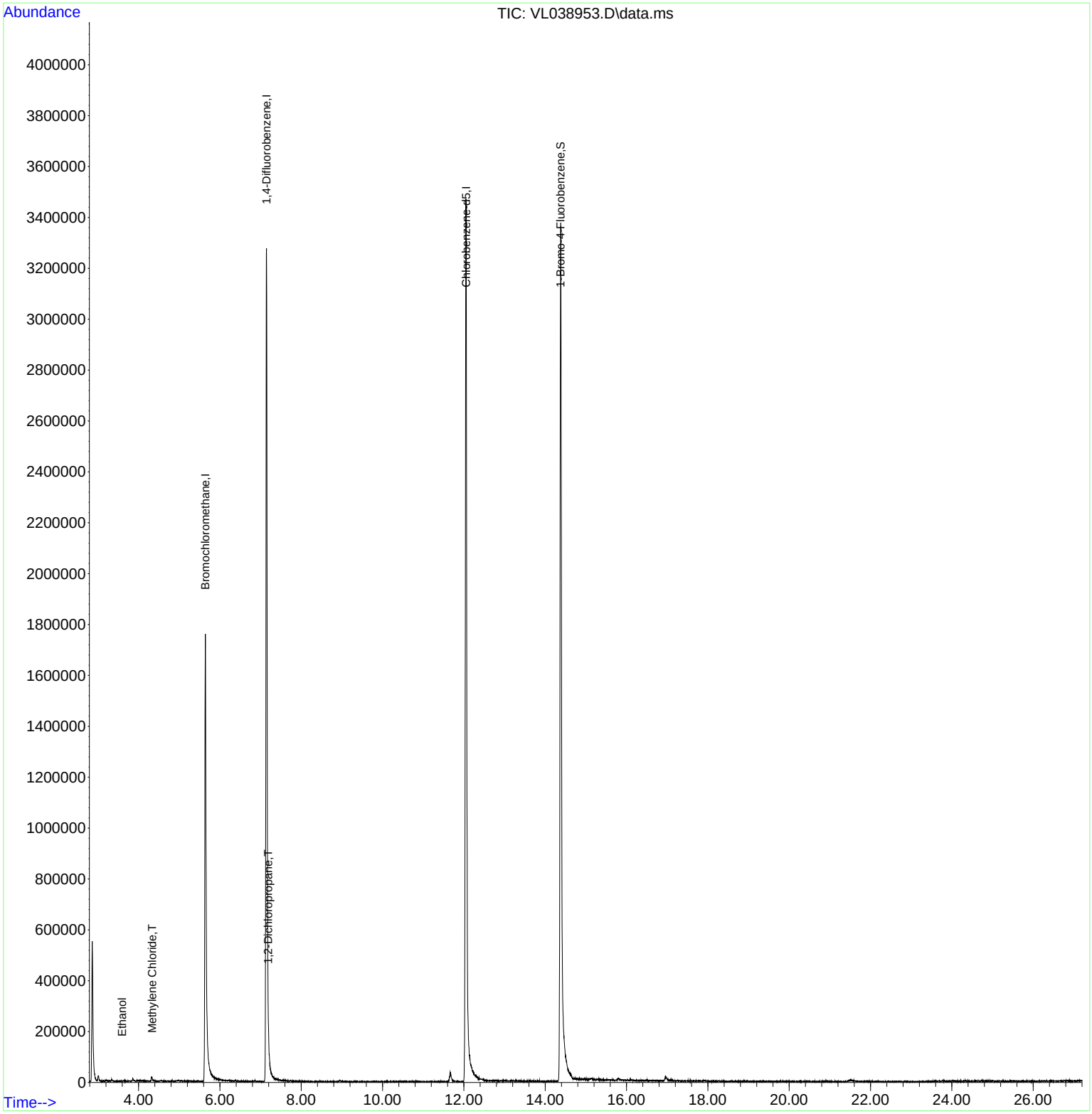
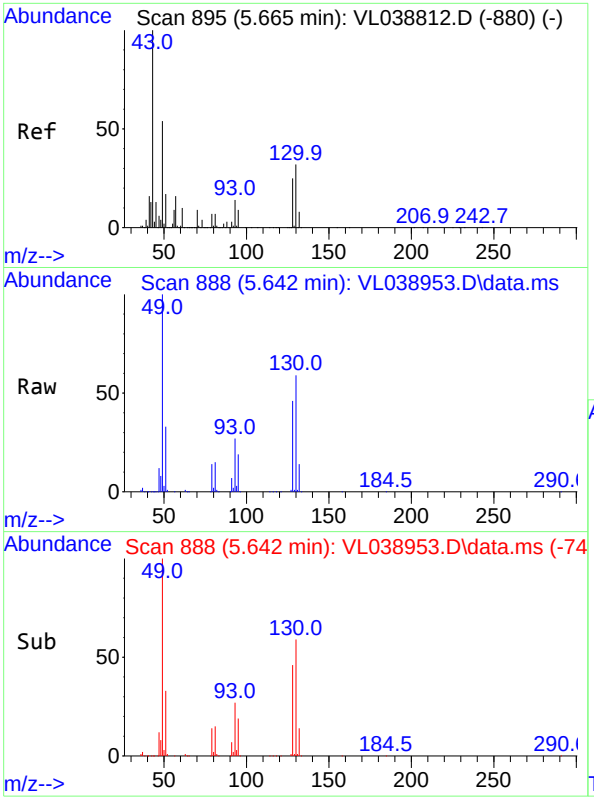


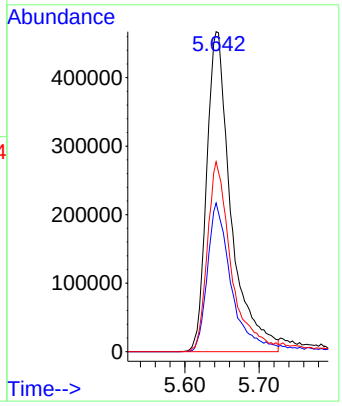


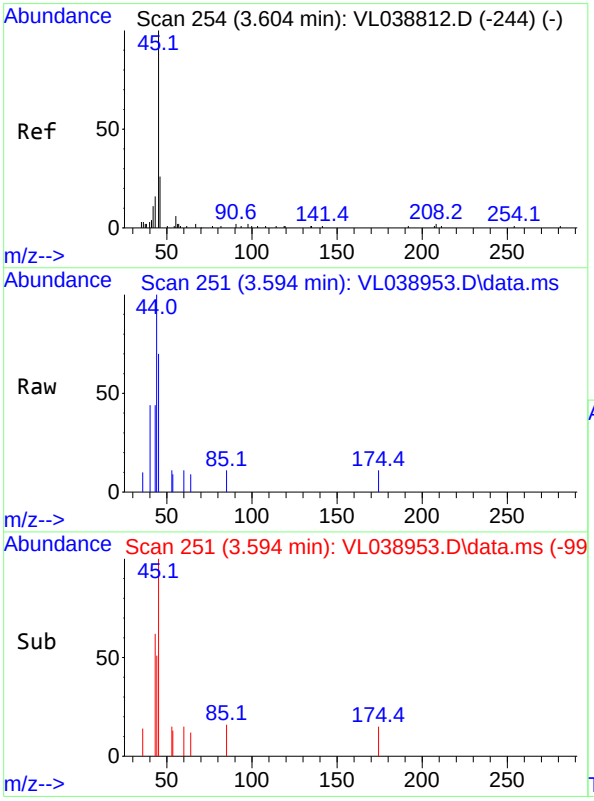
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.642 min Scan# 8
Delta R.T. -0.023 min
Lab File: VL038953.D
Acq: 20 Apr 2022 8:25

Instrument :
MSVOA_L
ClientSampleId :
QC041922 CAN 10598

Tgt Ion: 49 Resp: 1062389

Ion	Ratio	Lower	Upper
49	100		
128	47.9	24.1	72.3
130	62.3	30.9	92.8

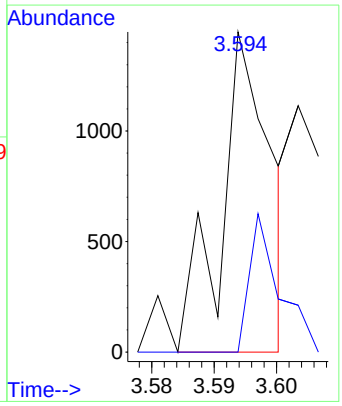


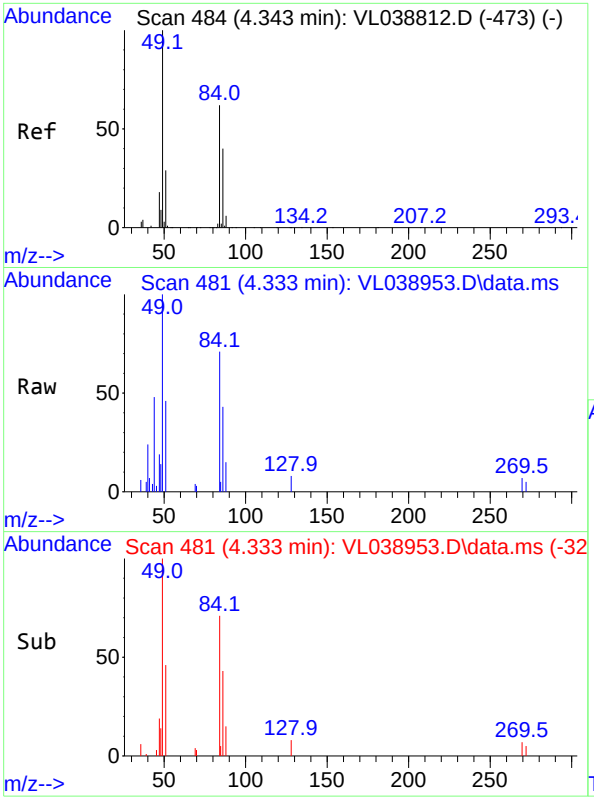


#13
Ethanol
Concen: 0.191 ppbv
RT: 3.594 min Scan# 251
Delta R.T. -0.010 min
Lab File: VL038953.D
Acq: 20 Apr 2022 8:25

Tgt Ion: 45 Resp: 797

Ion	Ratio	Lower	Upper
45	100		
46	52.1	0.0	0.0#



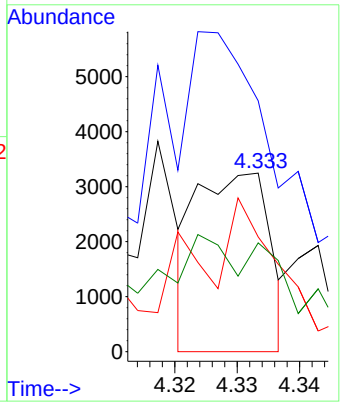


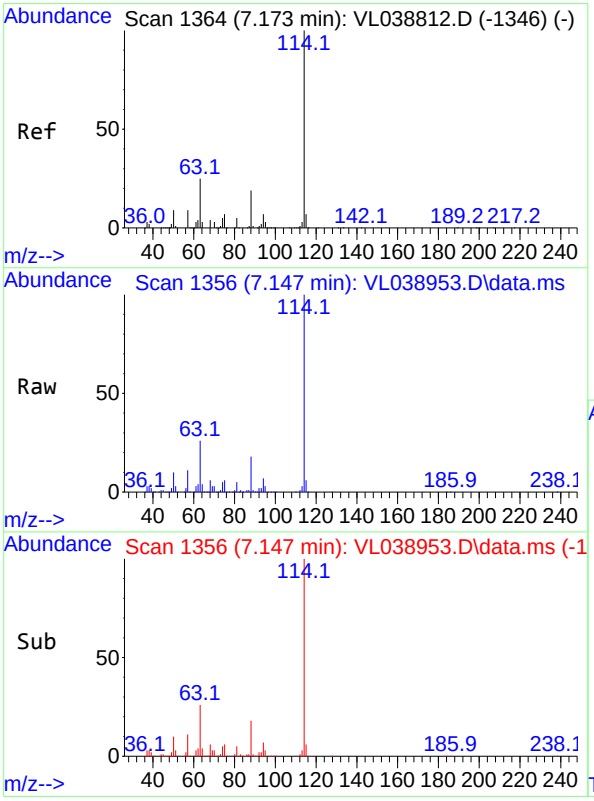
#20
Methylene Chloride
Concen: 0.069 ppbv
RT: 4.333 min Scan# 4
Delta R.T. -0.010 min
Lab File: VL038953.D
Acq: 20 Apr 2022 8:25

Instrument :
MSVOA_L
ClientSampleId :
QC041922 CAN 10598

Tgt Ion: 84 Resp: 2638

Ion	Ratio	Lower	Upper
84	100		
49	72.7	129.4	194.0#
51	22.6	37.4	56.2#
86	33.4	51.4	77.2#

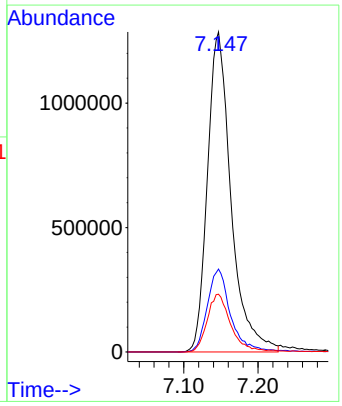


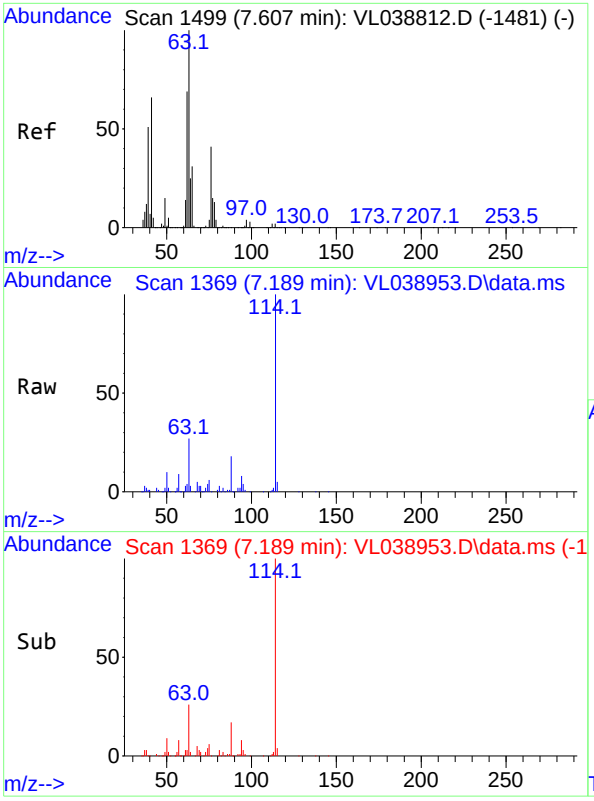


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.147 min Scan# 1356
Delta R.T. -0.026 min
Lab File: VL038953.D
Acq: 20 Apr 2022 8:25

Tgt Ion:114 Resp: 2836013

Ion	Ratio	Lower	Upper
114	100		
63	26.0	19.8	29.8
88	18.4	14.2	21.4



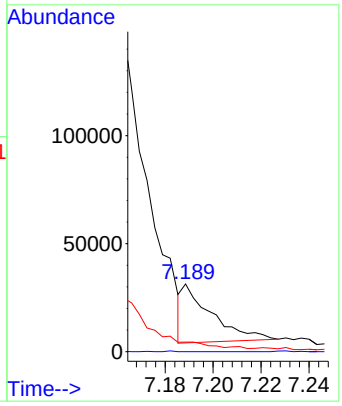


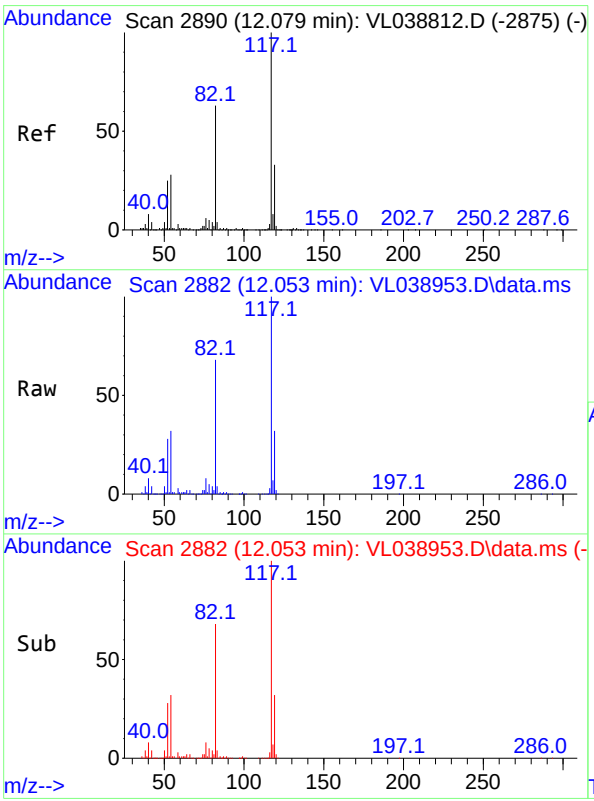
#39
1,2-Dichloropropane
Concen: 0.233 ppbv
RT: 7.189 min Scan# 1
Delta R.T. -0.418 min
Lab File: VL038953.D
Acq: 20 Apr 2022 8:25

Instrument :
MSVOA_L
ClientSampleId :
QC041922 CAN 10598

Tgt Ion: 63 Resp: 23020

Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.0	79.6#
62	12.1	55.0	82.4#

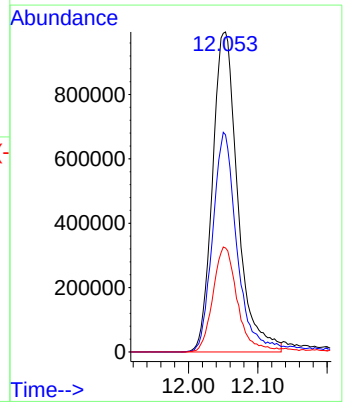


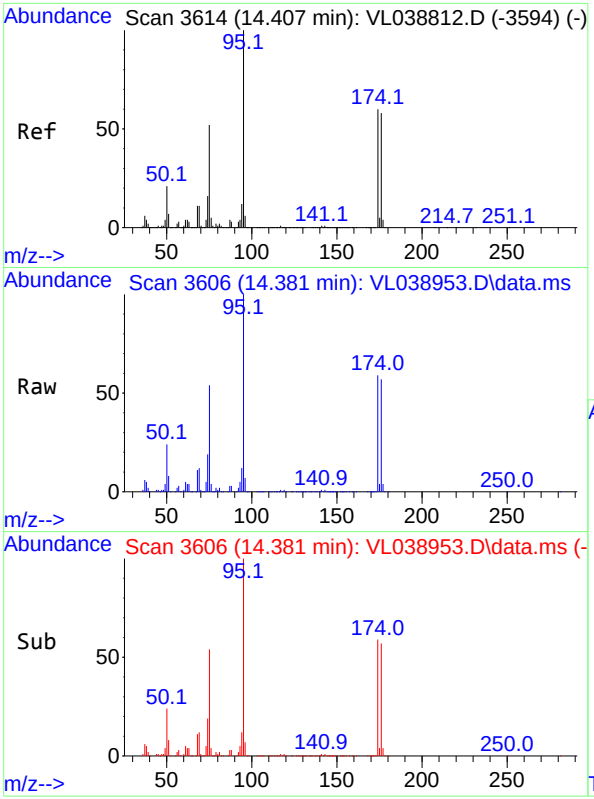


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.053 min Scan# 2882
Delta R.T. -0.026 min
Lab File: VL038953.D
Acq: 20 Apr 2022 8:25

Tgt Ion:117 Resp: 2512564

Ion	Ratio	Lower	Upper
117	100		
82	69.4	53.0	79.6
119	33.3	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.386 ppbv
RT: 14.381 min Scan# 3
Delta R.T. -0.026 min
Lab File: VL038953.D
Acq: 20 Apr 2022 8:25

Instrument :
MSVOA_L
ClientSampleId :
QC041922 CAN 10598

Tgt Ion: 95 Resp: 1979388

Ion	Ratio	Lower	Upper
95	100		
174	63.1	52.0	78.0
175	4.9	4.0	6.0