Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038984.D
Acq On : 5 May 2022 22:34
Operator : SY/AP
Sample : QC042522 CAN 10283
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC042522 CAN 10283

Quant Time: May 06 07:30:19 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 07:41:27 2022
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1013033	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2315810	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1920704	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1582036	10.40	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.00%			
Target Compounds						Qvalue
13) Ethanol	3.61	45	166	0.039	ppbv	64
20) Methylene Chloride	4.34	84	4297	0.119	ppbv #	79
39) 1,2-Dichloropropane	7.17	63	678978	8.805	ppbv #	26

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

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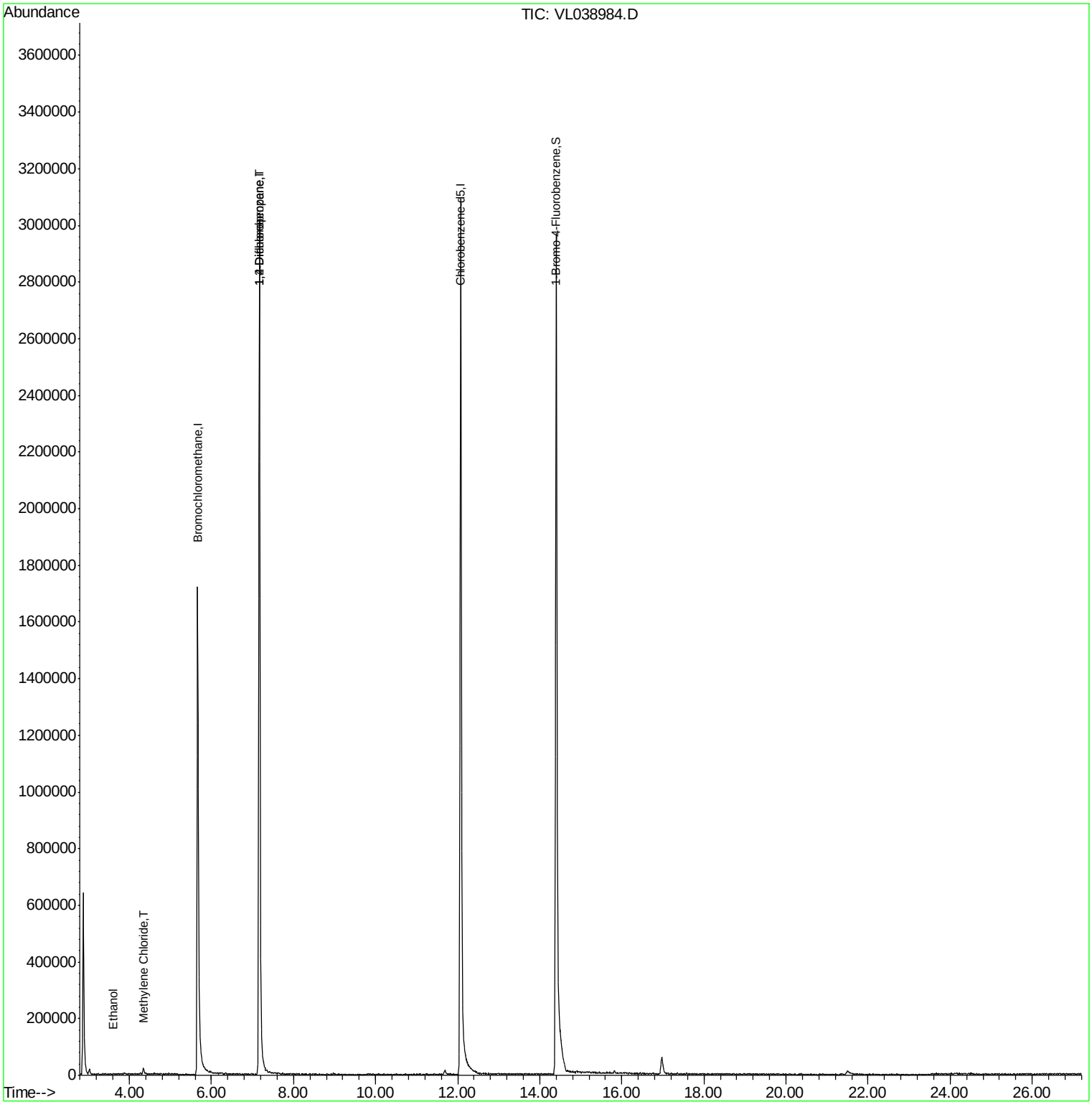
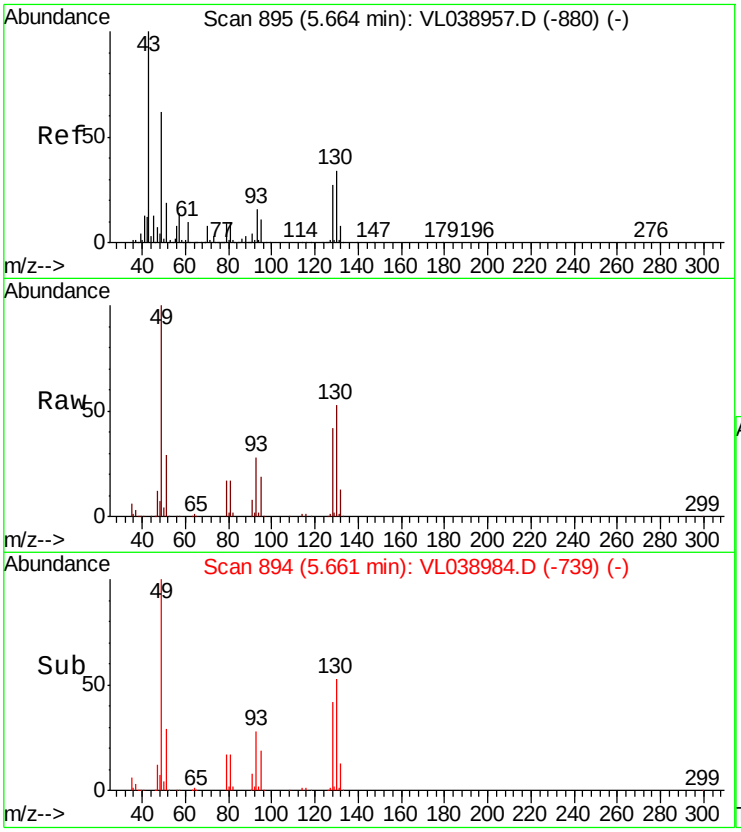


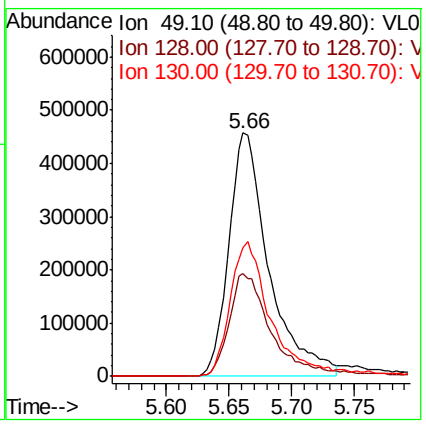


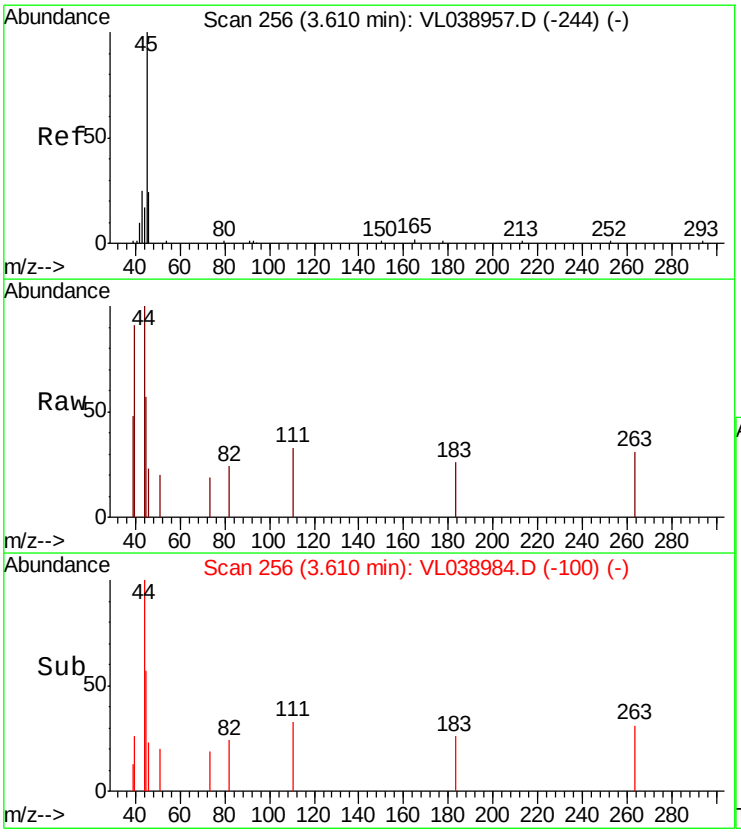
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 May 2022 22:34

Instrument :
MSVOA_L
ClientSampleId :
QC042522 CAN 10283

Tgt Ion: 49 Resp: 1013033

Ion	Ratio	Lower	Upper
49	100		
128	46.0	23.3	69.8
130	58.3	29.8	89.3

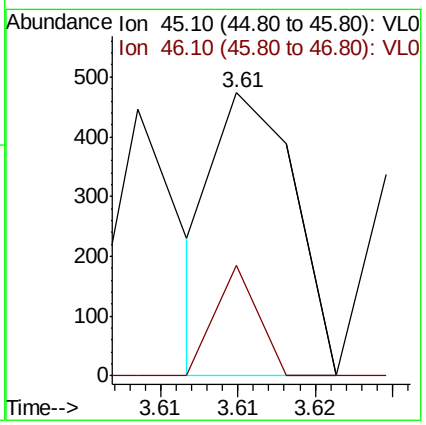


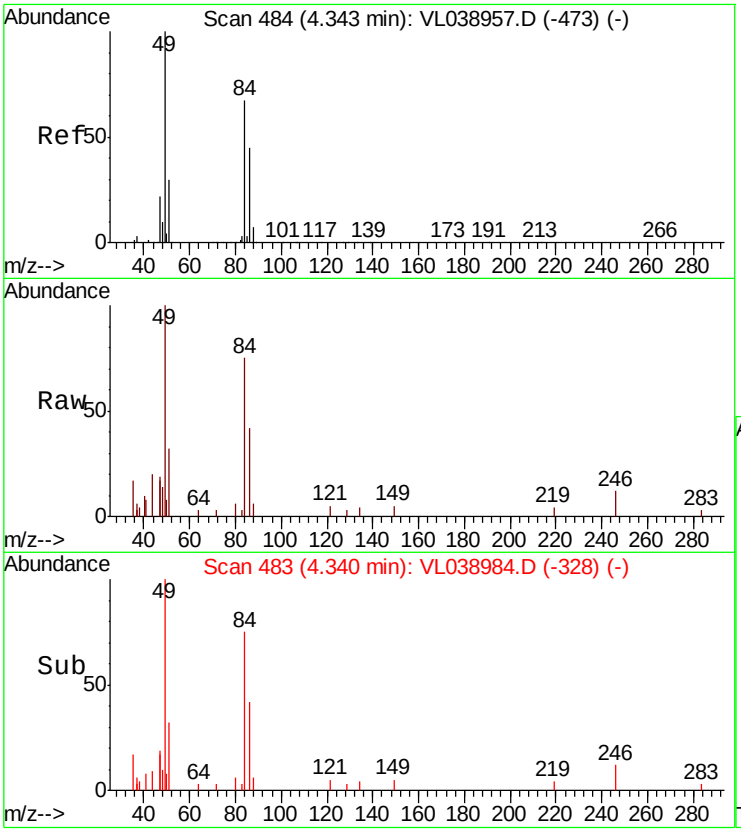


#13
Ethanol
Concen: 0.039 ppbv
RT: 3.61 min Scan# 256
Delta R.T. 0.00 min
Lab File: VL038984.D
Acq: 5 May 2022 22:34

Tgt Ion: 45 Resp: 166

Ion	Ratio	Lower	Upper
45	100		
46	21.7	18.0	72.2



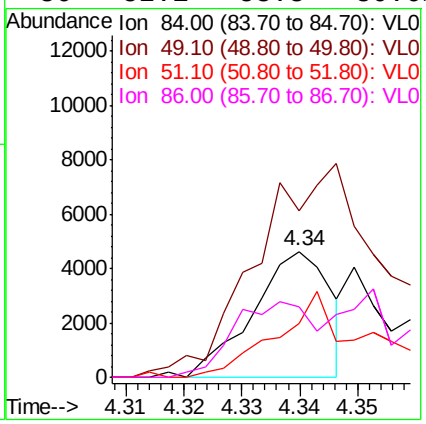


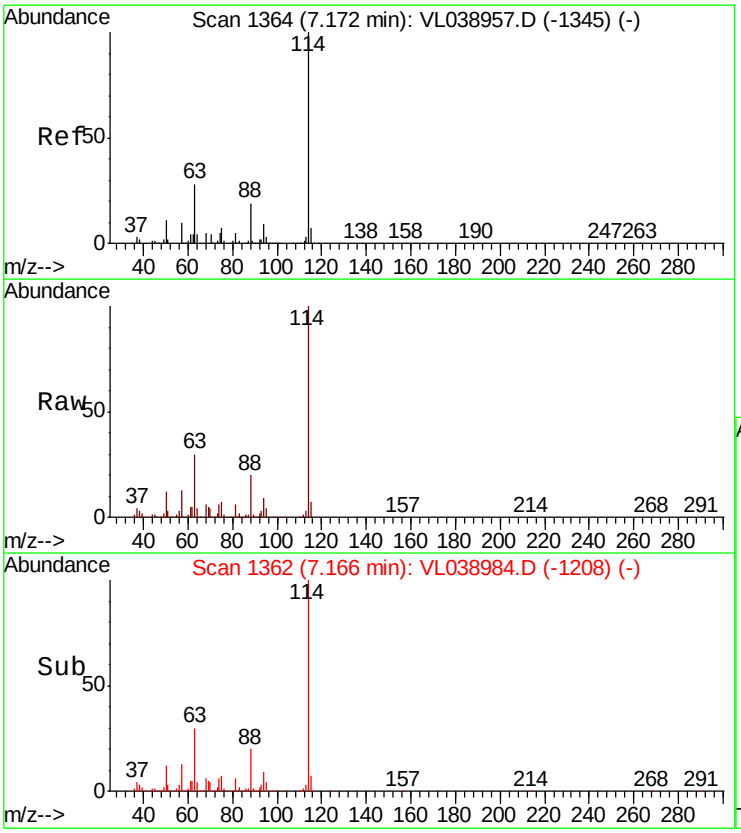
#20
Methylene Chloride
Concen: 0.119 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 5 May 2022 22:34

Instrument :
MSVOA_L
ClientSampleId :
QC042522 CAN 10283

Tgt Ion: 84 Resp: 4297

Ion	Ratio	Lower	Upper
84	100		
49	115.6	119.9	179.9#
51	42.3	35.7	53.5
86	52.1	53.8	80.6#

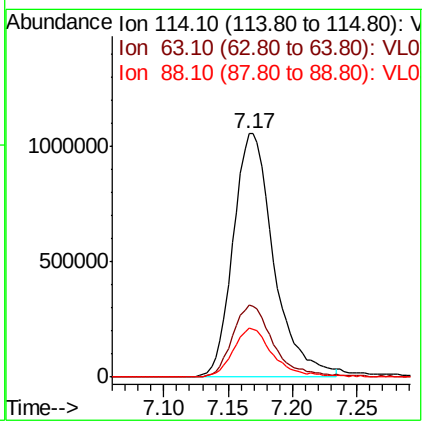


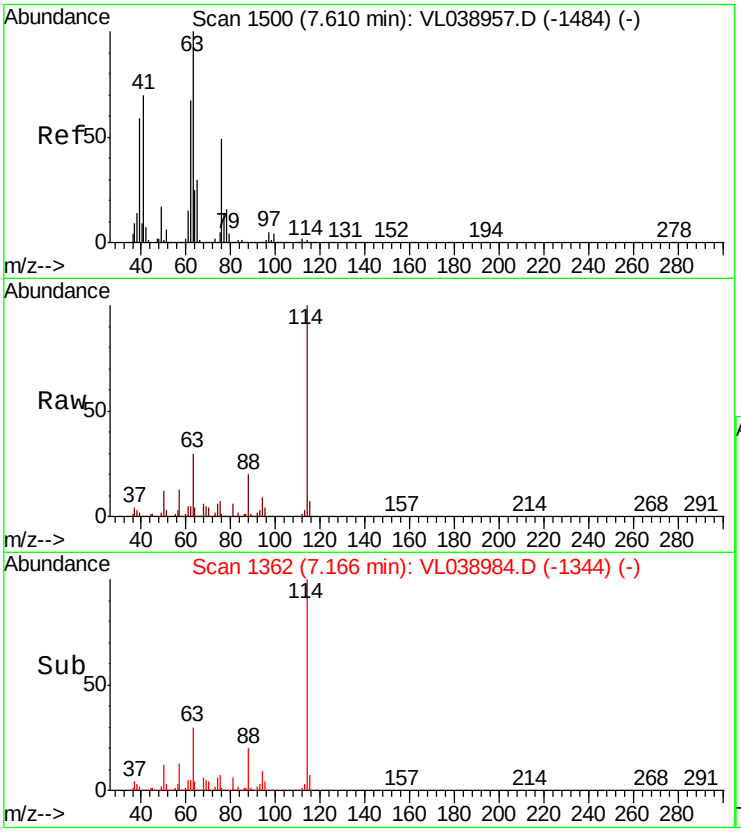


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL038984.D
Acq: 5 May 2022 22:34

Tgt Ion:114 Resp: 2315810

Ion	Ratio	Lower	Upper
114	100		
63	30.5	22.6	33.8
88	20.1	15.4	23.0



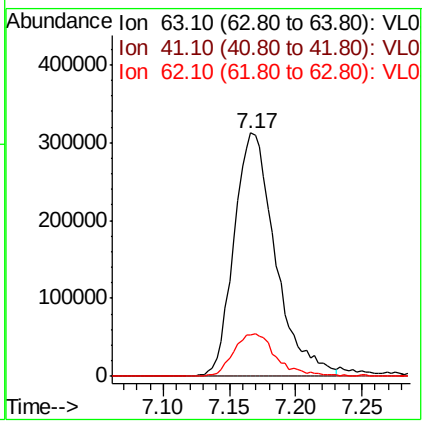


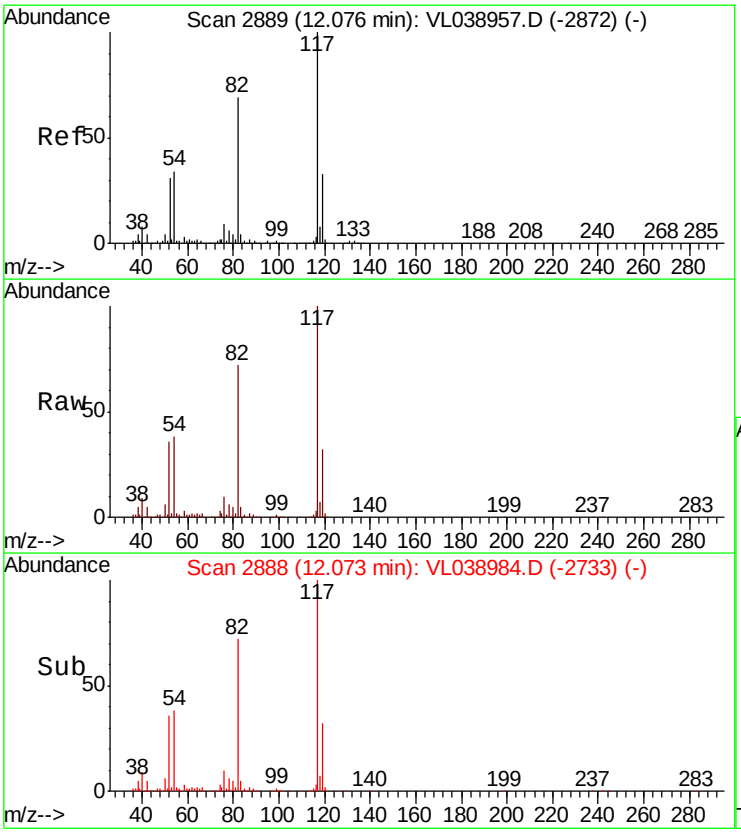
#39
1,2-Dichloropropane
Concen: 8.805 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 May 2022 22:34

Instrument :
MSVOA_L
ClientSampleId :
QC042522 CAN 10283

Tgt Ion: 63 Resp: 678978

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.9	83.9#
62	16.8	53.8	80.6#

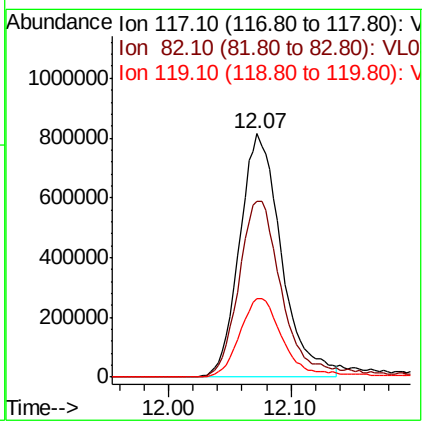


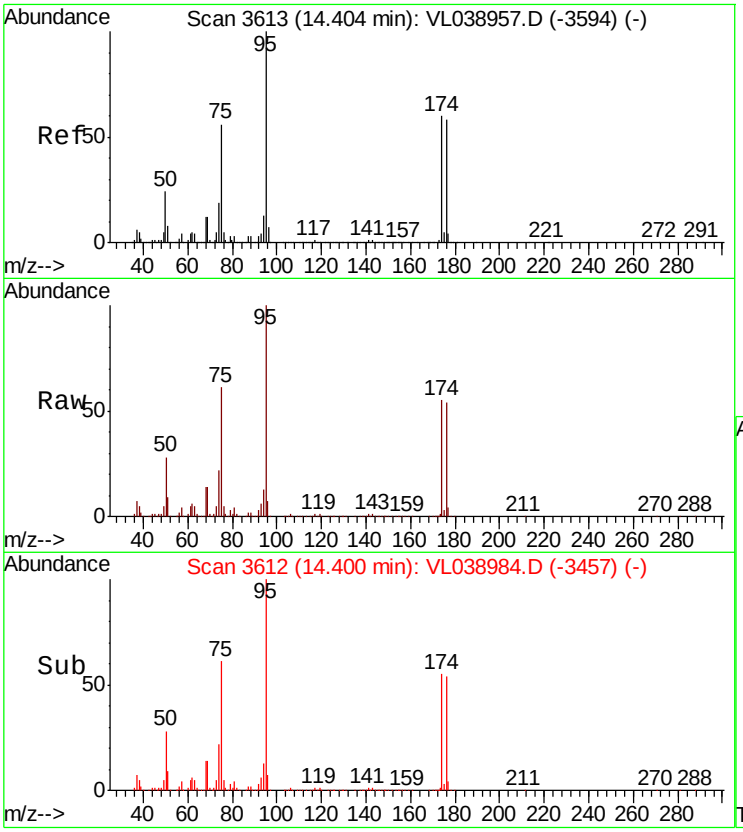


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL038984.D
Acq: 5 May 2022 22:34

Tgt Ion:117 Resp: 1920704

Ion	Ratio	Lower	Upper
117	100		
82	76.1	57.0	85.6
119	34.4	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.401 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 5 May 2022 22:34

Instrument :
MSVOA_L
ClientSampleId :
QC042522 CAN 10283

Tgt Ion: 95 Resp: 1582036

Ion	Ratio	Lower	Upper
95	100		
174	63.2	50.8	76.2
175	4.6	3.8	5.6