Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040522\
Data File : VL038820.D
Acq On : 5 Apr 2022 21:51
Operator : SY/AP
Sample : VL0405ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 06 06:25:35 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1383444	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3772442	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3266928	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2513586	10.14	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.40%			
Target Compounds						Qvalue
20) Methylene Chloride	4.35	84	2965	0.059	ppbv #	47
39) 1,2-Dichloropropane	7.17	63	932854	7.107	ppbv #	27

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

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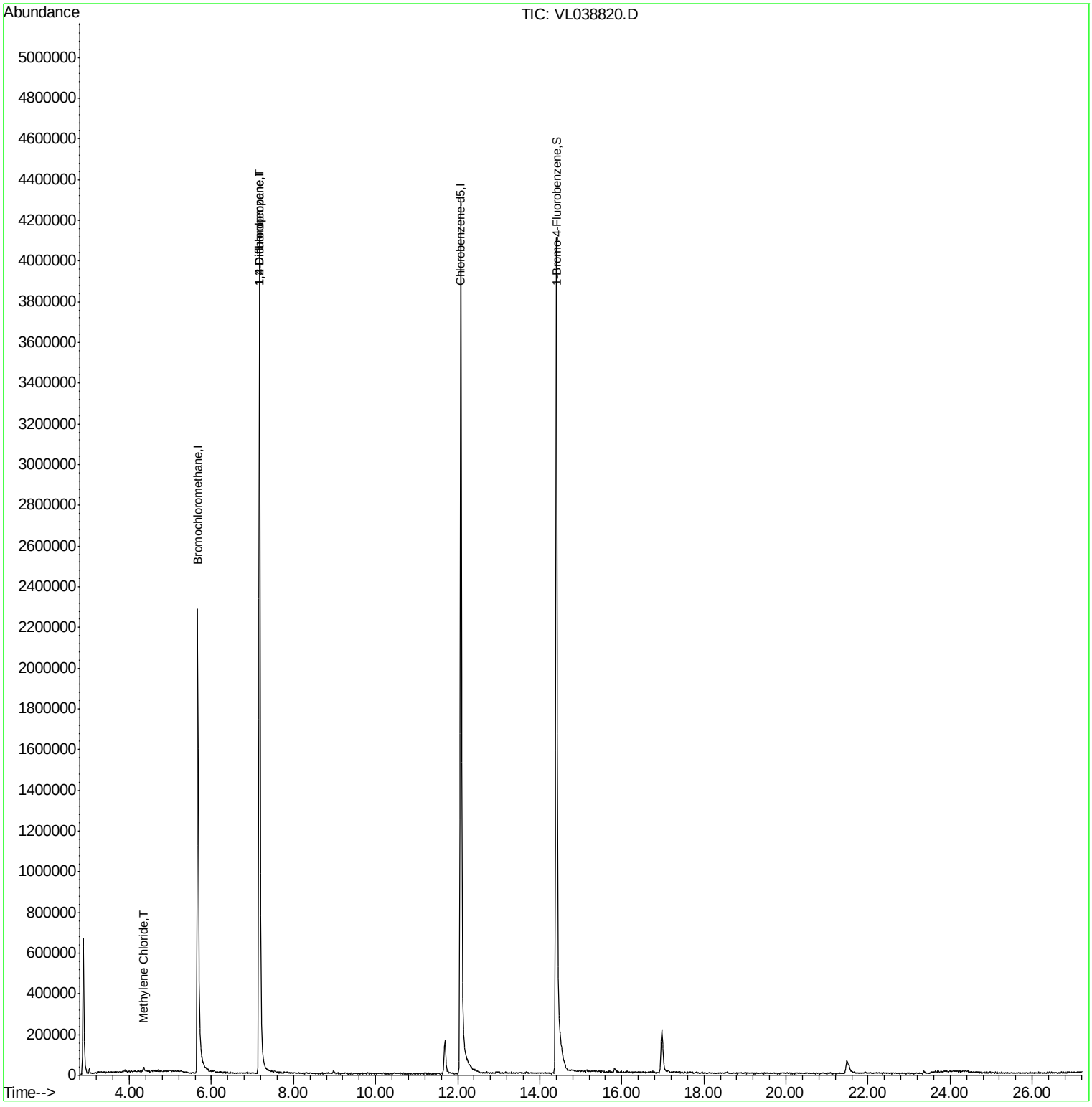
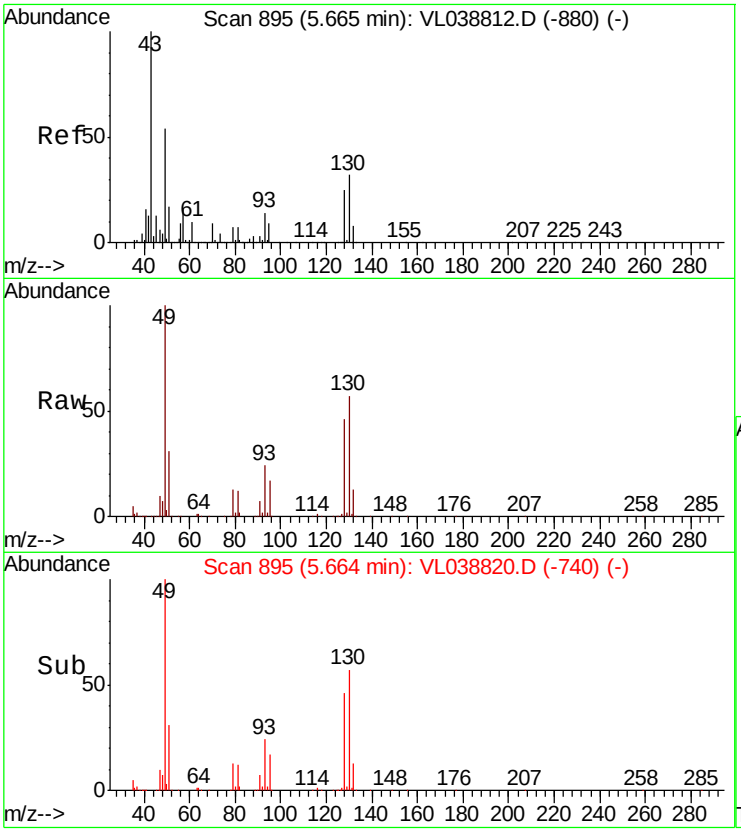


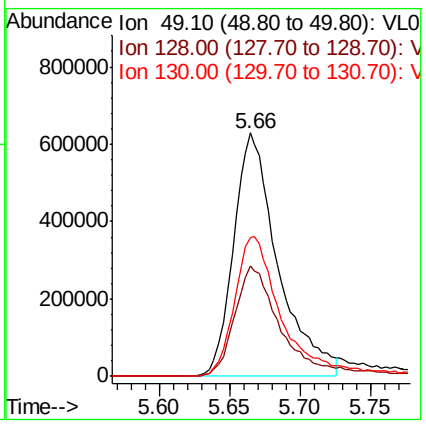


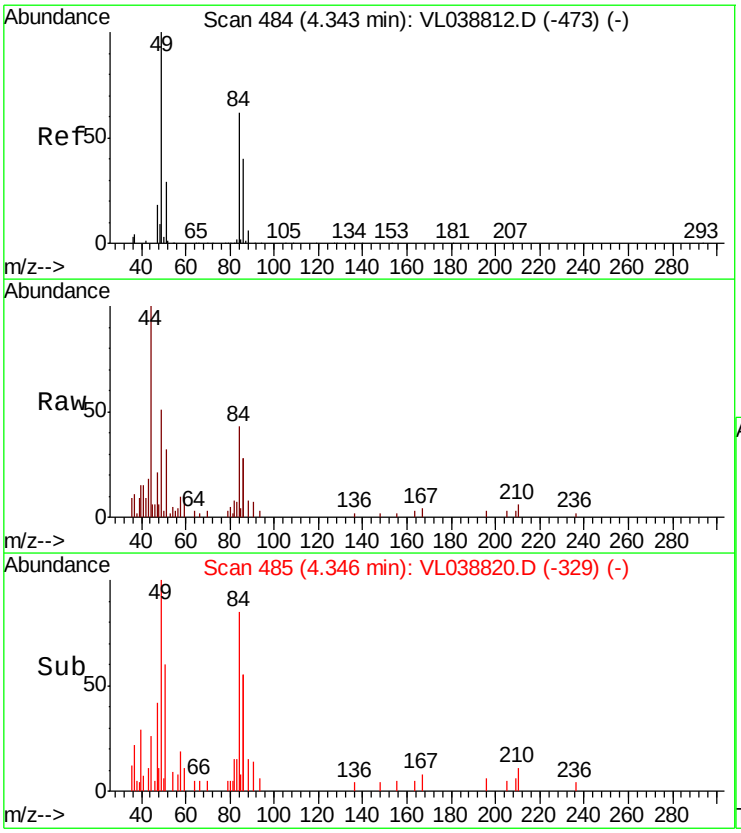
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 Apr 2022 21:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1383444

Ion	Ratio	Lower	Upper
49	100		
128	50.4	24.1	72.3
130	64.4	30.9	92.8

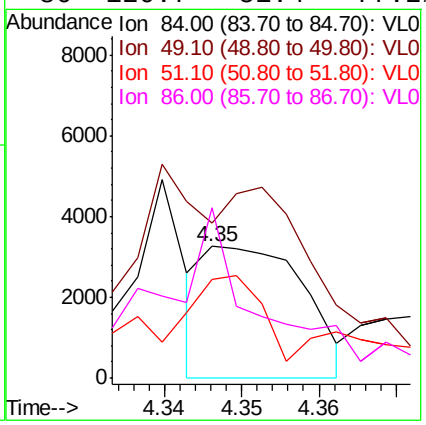


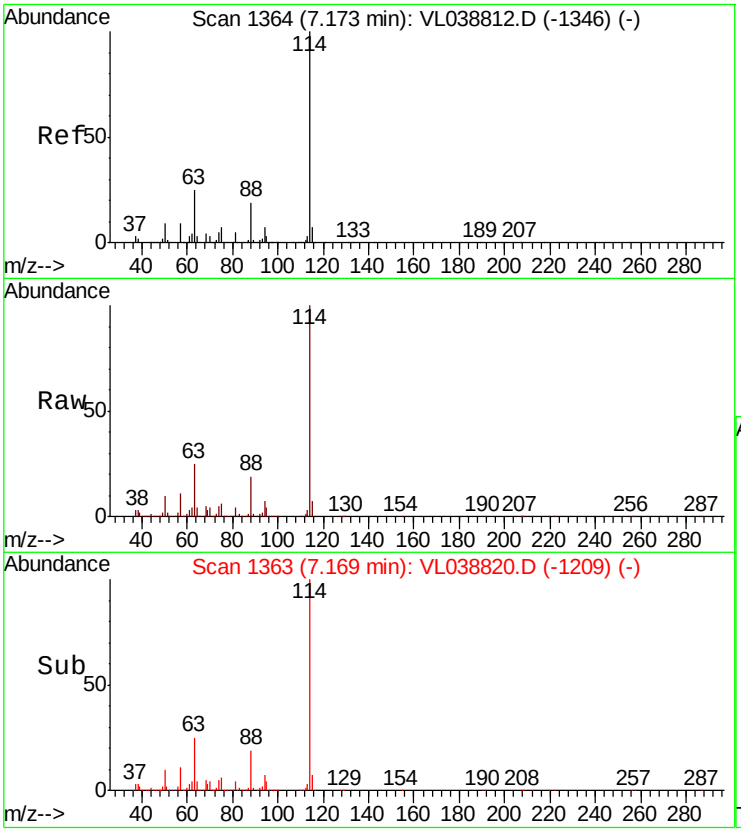


#20
Methylene Chloride
Concen: 0.059 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL038820.D
Acq: 5 Apr 2022 21:51

Tgt Ion: 84 Resp: 2965

Ion	Ratio	Lower	Upper
84	100		
49	83.9	129.4	194.0#
51	53.8	37.4	56.2
86	120.7	51.4	77.2#



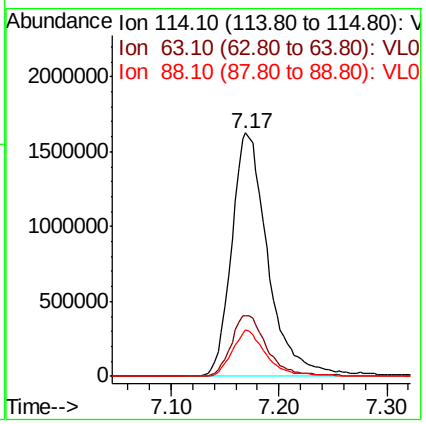


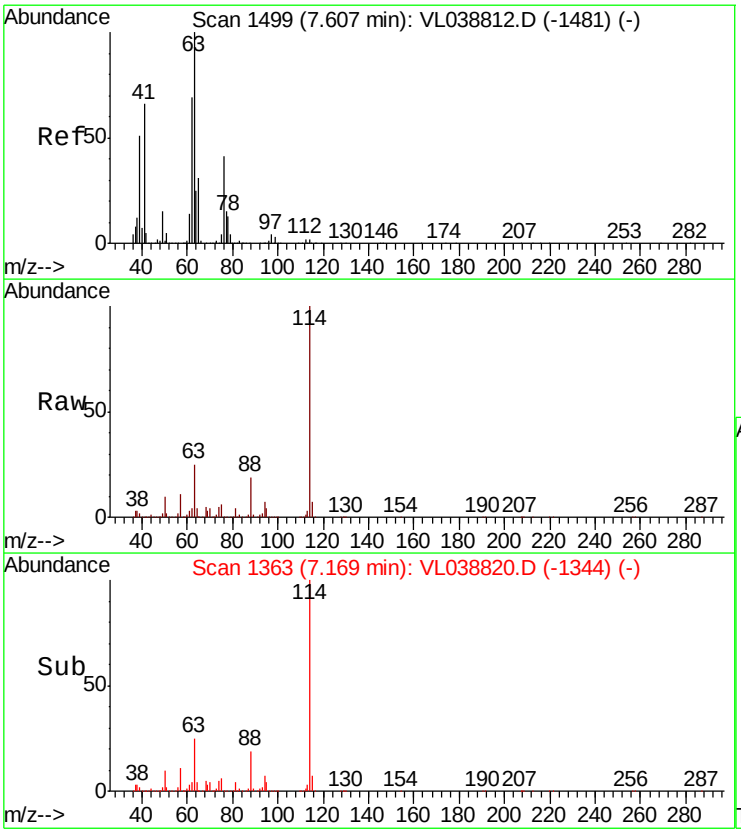
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 Apr 2022 21:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3772442

Ion	Ratio	Lower	Upper
114	100		
63	25.2	19.8	29.8
88	18.1	14.2	21.4

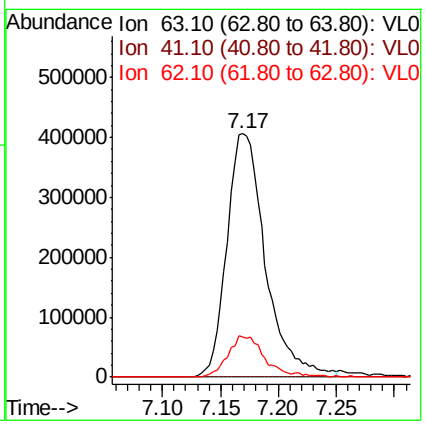


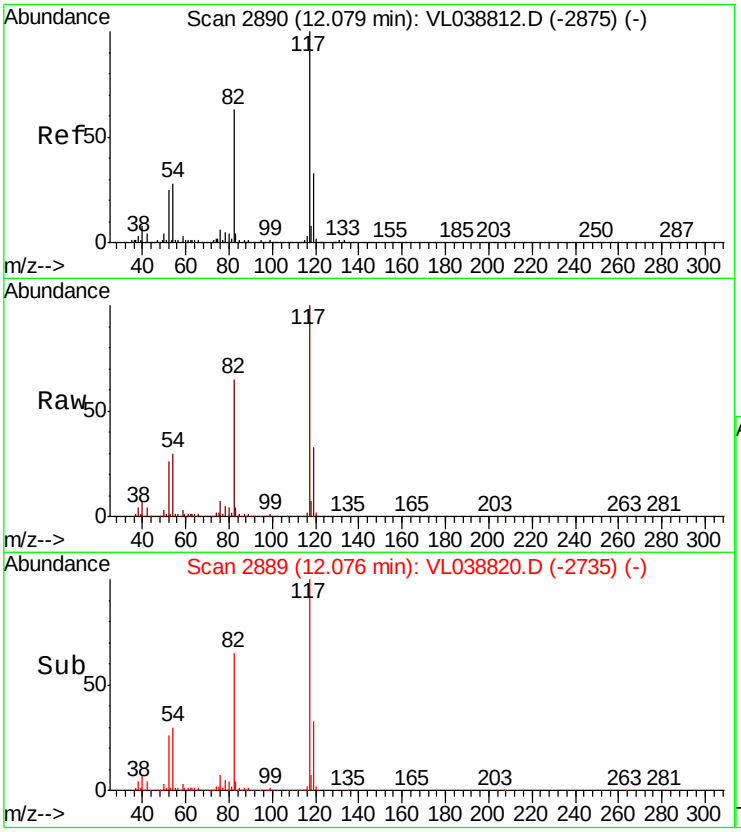


#39
1,2-Dichloropropane
Concen: 7.107 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.44 min
Lab File: VL038820.D
Acq: 5 Apr 2022 21:51

Tgt Ion: 63 Resp: 932854

Ion	Ratio	Lower	Upper
63	100		
41	0.1	53.0	79.6#
62	16.7	55.0	82.4#



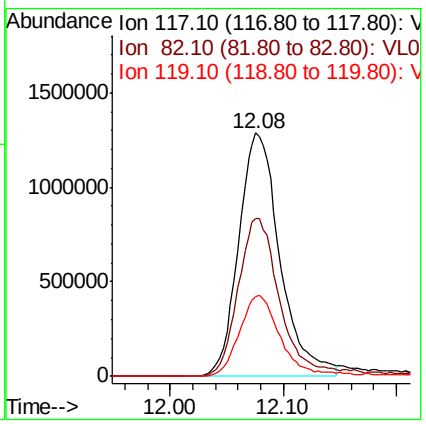


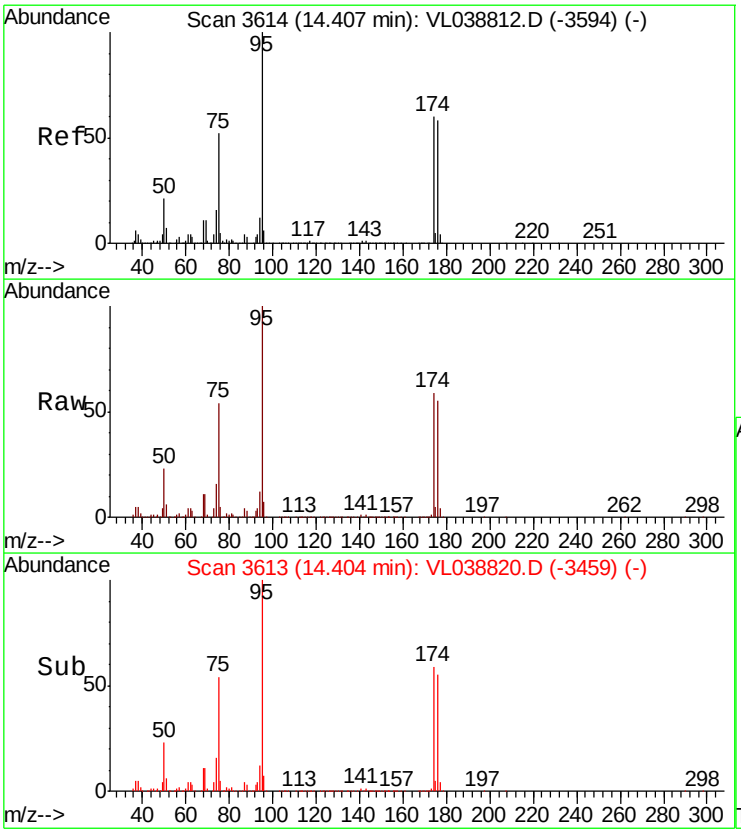
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 5 Apr 2022 21:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3266928

Ion	Ratio	Lower	Upper
117	100		
82	68.9	53.0	79.6
119	34.2	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.143 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.00 min
Lab File: VL038820.D
Acq: 5 Apr 2022 21:51

Tgt Ion: 95 Resp: 2513586

Ion	Ratio	Lower	Upper
95	100		
174	65.4	52.0	78.0
175	4.7	4.0	6.0