Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050621\
Data File : VL036897.D
Acq On : 6 May 2021 11:07
Operator : SY/AP
Sample : VL0506ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0506ABL01

Quant Time: May 07 08:09:59 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1415529	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3222016	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2861230	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2243785	9.77	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.70%			
Target Compounds						Qvalue
20) Methylene Chloride	4.34	84	2791	0.044	ppbv #	47
39) 1,2-Dichloropropane	7.17	63	870146	8.001	ppbv #	24

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

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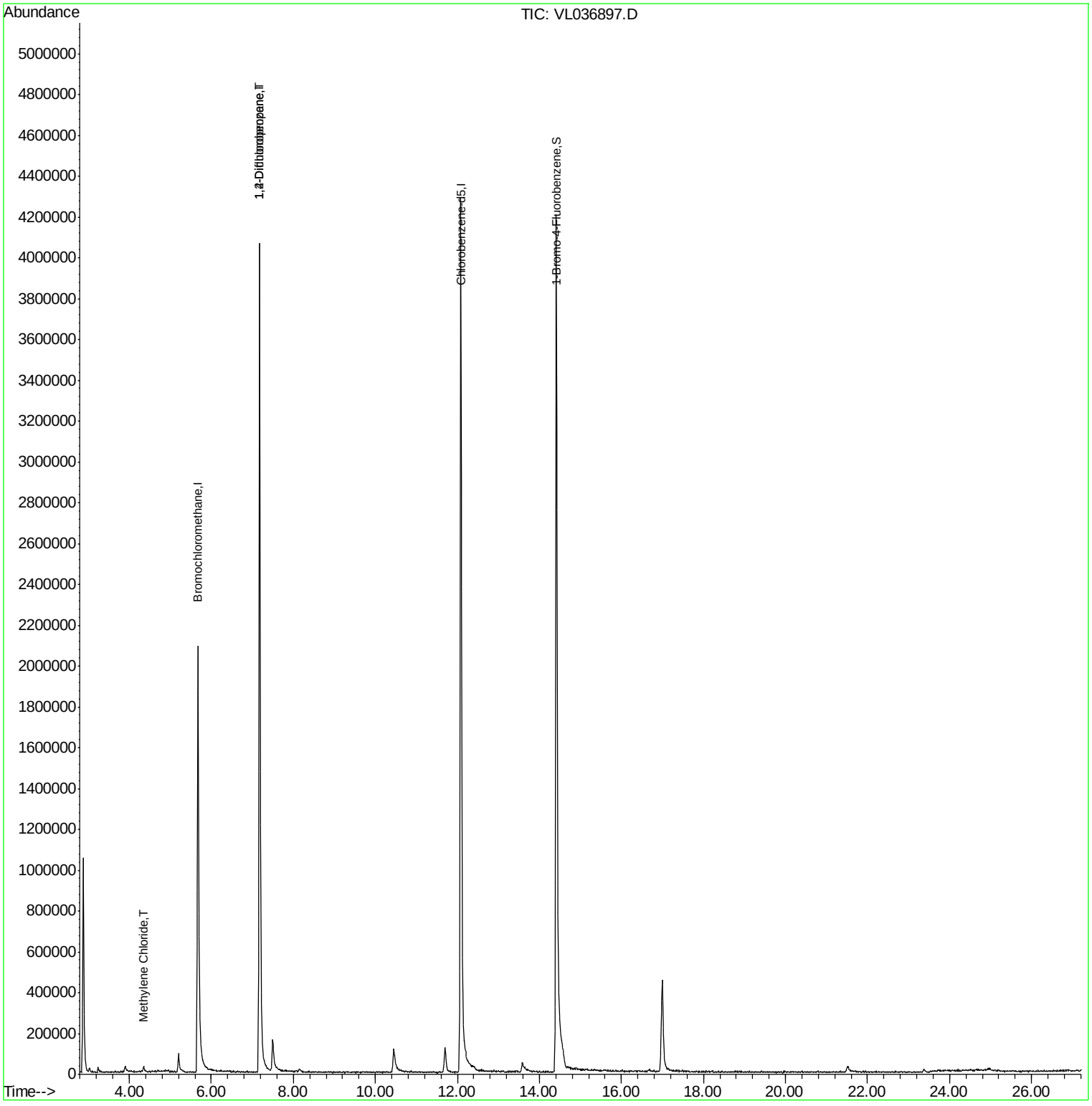
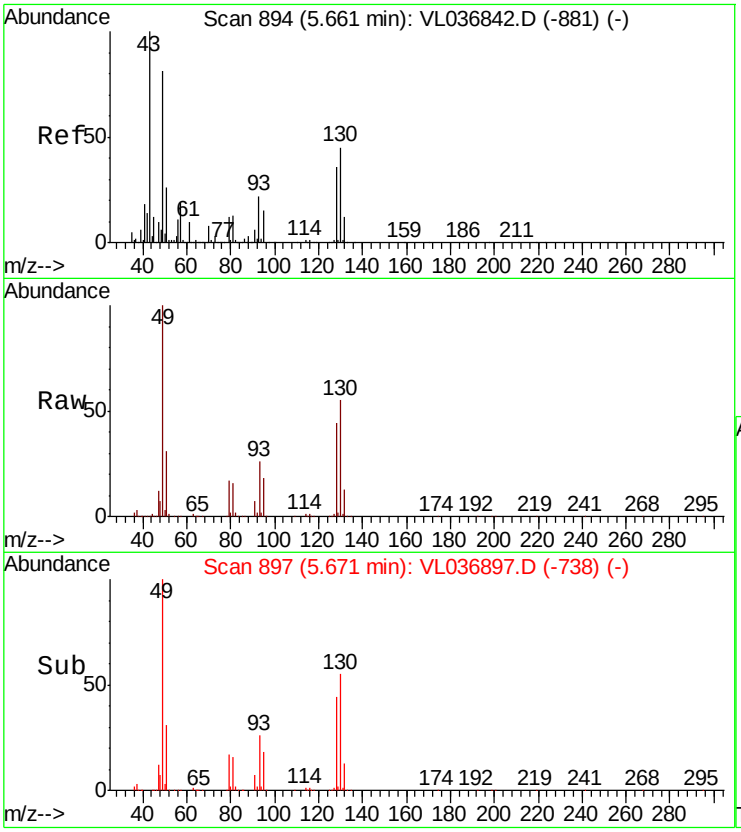


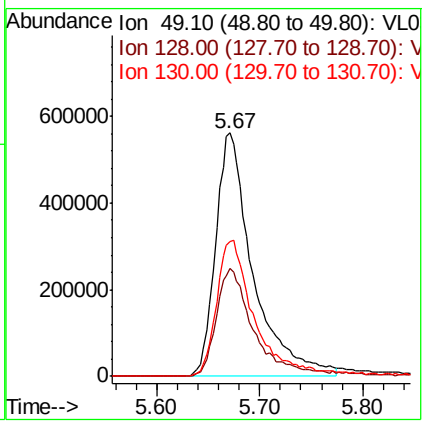


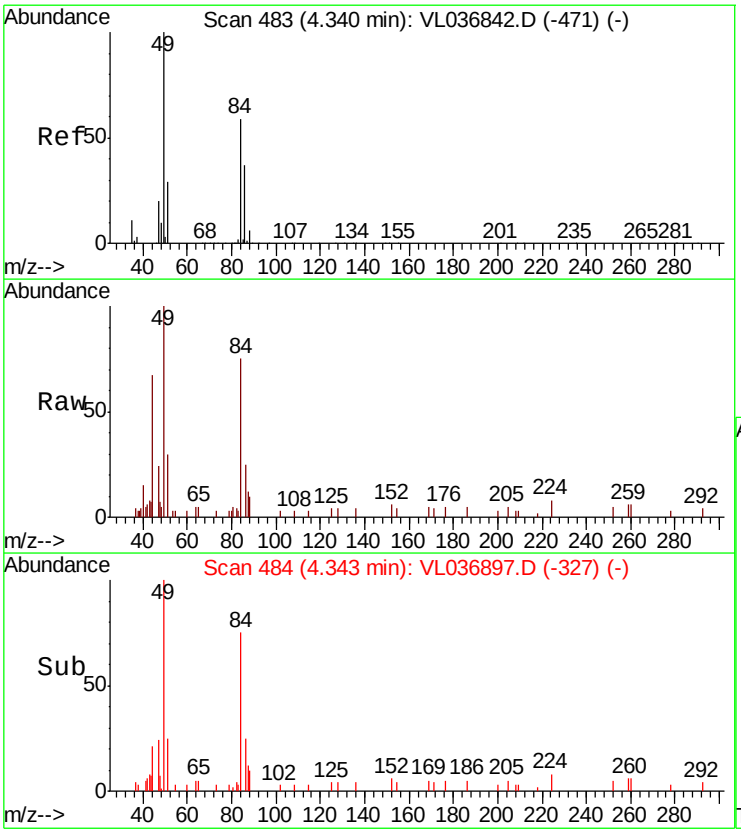
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 6 May 2021 11:07

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABL01

Tgt Ion: 49 Resp: 1415529

Ion	Ratio	Lower	Upper
49	100		
128	45.7	24.4	73.2
130	58.8	30.3	90.8

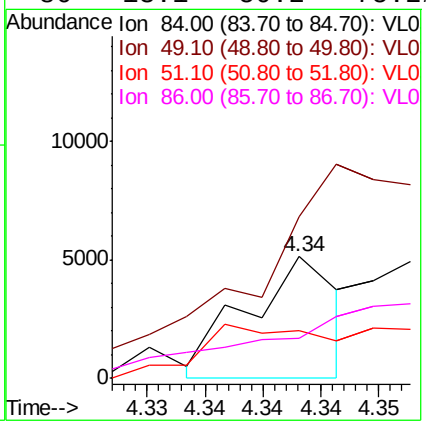


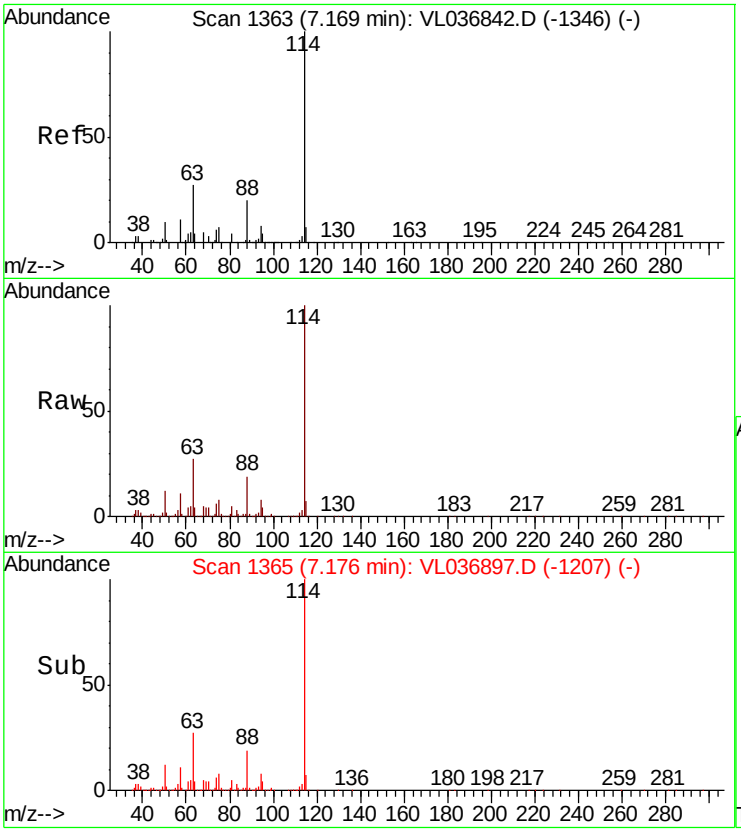


#20
Methylene Chloride
Concen: 0.044 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL036897.D
Acq: 6 May 2021 11:07

Tgt Ion: 84 Resp: 2791

Ion	Ratio	Lower	Upper
84	100		
49	90.8	135.4	203.0#
51	32.3	39.3	58.9#
86	13.1	50.2	75.2#



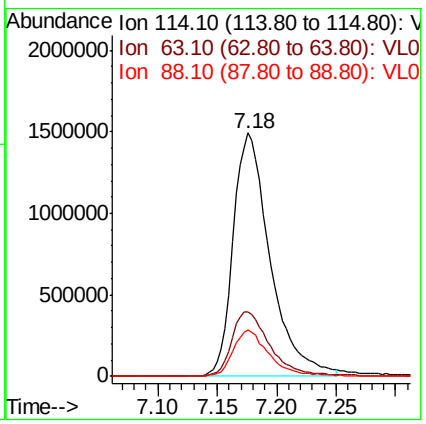


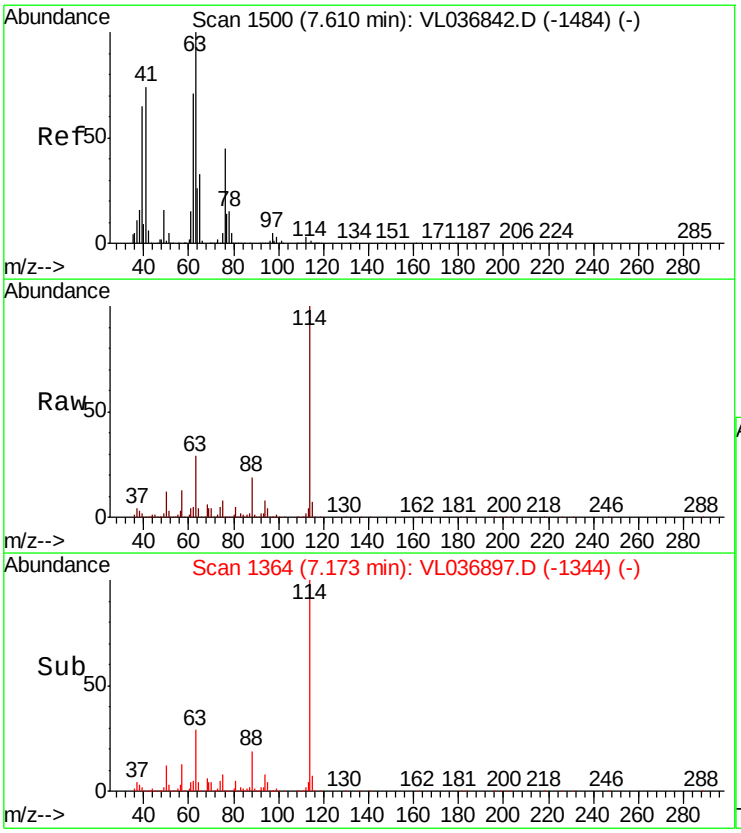
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 6 May 2021 11:07

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABL01

Tgt Ion:114 Resp: 3222016

Ion	Ratio	Lower	Upper
114	100		
63	27.6	21.9	32.9
88	19.0	15.1	22.7

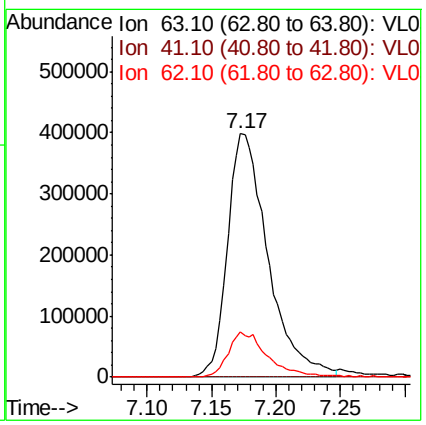


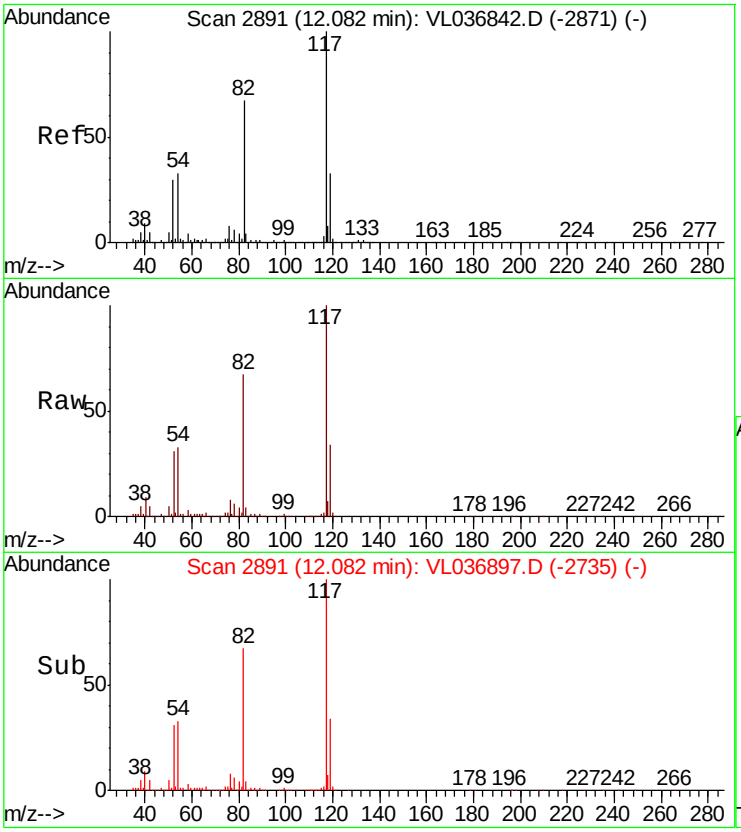


#39
1,2-Dichloropropane
Concen: 8.001 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.44 min
Lab File: VL036897.D
Acq: 6 May 2021 11:07

Tgt Ion: 63 Resp: 870146

Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.1	88.7#
62	18.3	56.9	85.3#



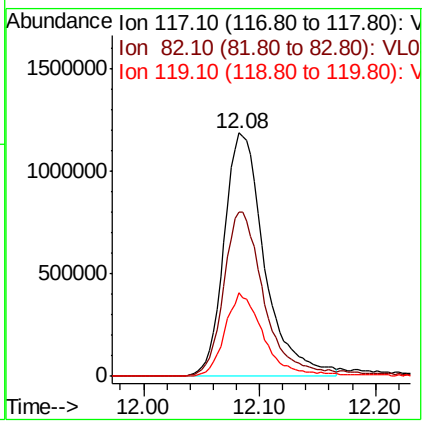


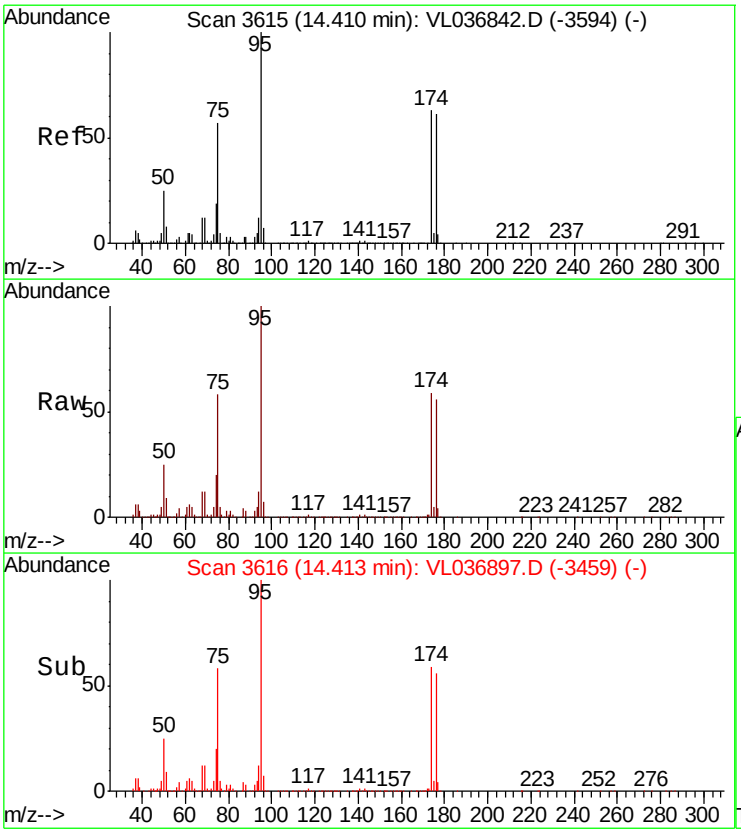
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 6 May 2021 11:07

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABL01

Tgt Ion:117 Resp: 2861230

Ion	Ratio	Lower	Upper
117	100		
82	69.9	53.5	80.3
119	34.0	25.6	38.4





#68
1-Bromo-4-Fluorobenzene
Concen: 9.769 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.00 min
Lab File: VL036897.D
Acq: 6 May 2021 11:07

Tgt Ion: 95 Resp: 2243785

Ion	Ratio	Lower	Upper
95	100		
174	67.6	52.2	78.2
175	4.7	4.0	6.0