Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101221\
Data File : VL037850.D
Acq On : 13 Oct 2021 10:39
Operator : SY/AP
Sample : QC101221 CAN 1065
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC101221 CAN 1065

Quant Time: Oct 14 01:08:36 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1225836	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3532083	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2909383	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1993603	9.80	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	13273	0.068	ppbv	90
3) Chlorodifluoromethane	2.99	51	21972	0.093	ppbv #	84
4) Chloromethane	3.14	50	5746	0.067	ppbv #	87
9) Propene	3.36	41	4788	0.055	ppbv	90
11) Trichlorofluoromethane	3.95	101	3888	0.022	ppbv #	81
13) Ethanol	3.61	45	20048	2.829	ppbv #	27
15) Acetone	3.85	43	74885	0.681	ppbv #	82
20) Methylene Chloride	4.34	84	304087	5.469	ppbv	97
25) Ethyl Acetate	5.68	43	104554	0.339	ppbv #	79
26) Hexane	5.68	57	152624	1.004	ppbv #	44
34) 2-Butanone	5.26	43	5175	0.036	ppbv #	61
36) Benzene	6.88	78	6333	0.021	ppbv #	79
39) 1,2-Dichloropropane	7.23	63	12585	0.111	ppbv #	23

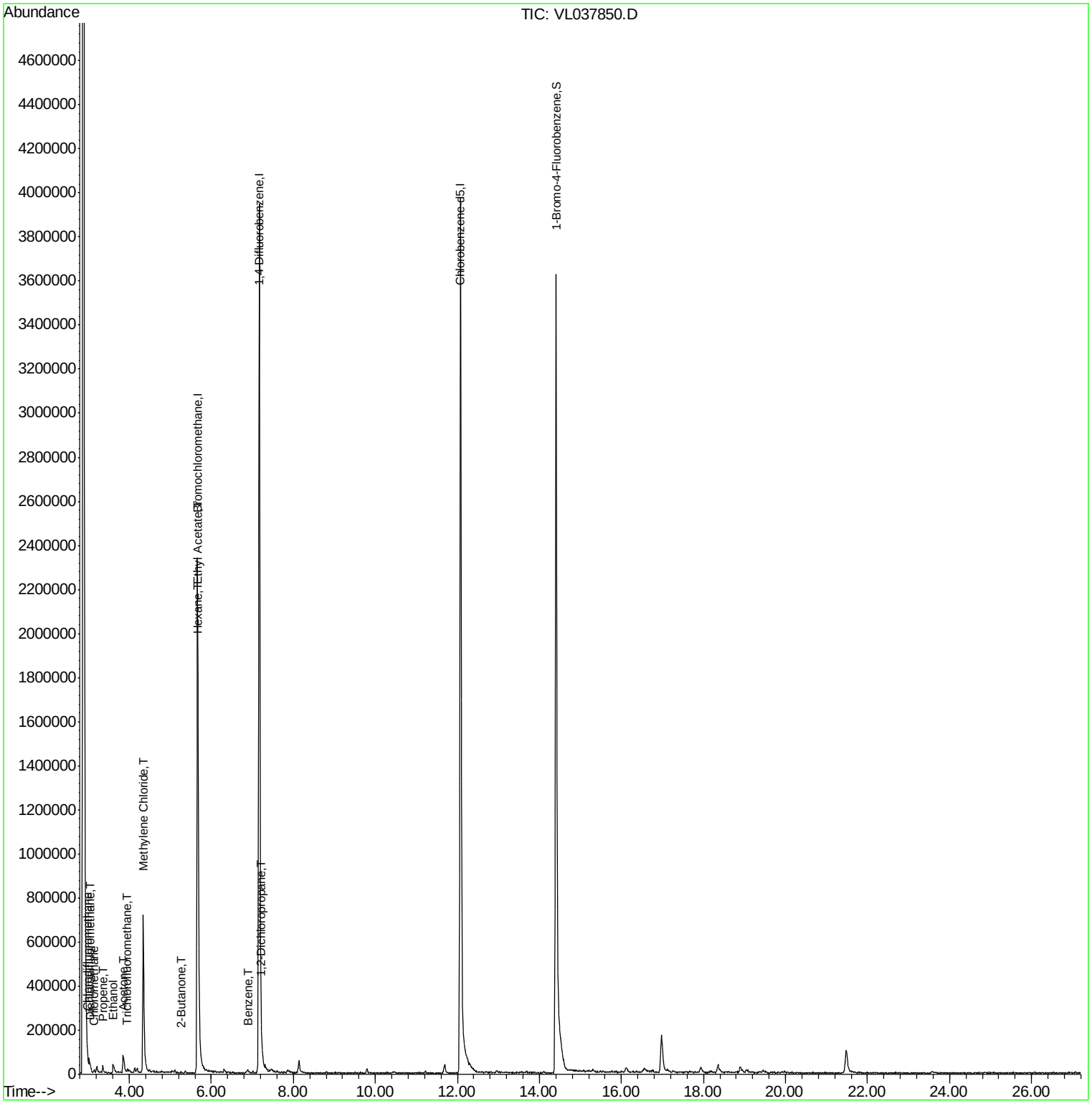
(#) = qualifier out of range (m) = manual integration (+) = signals summed

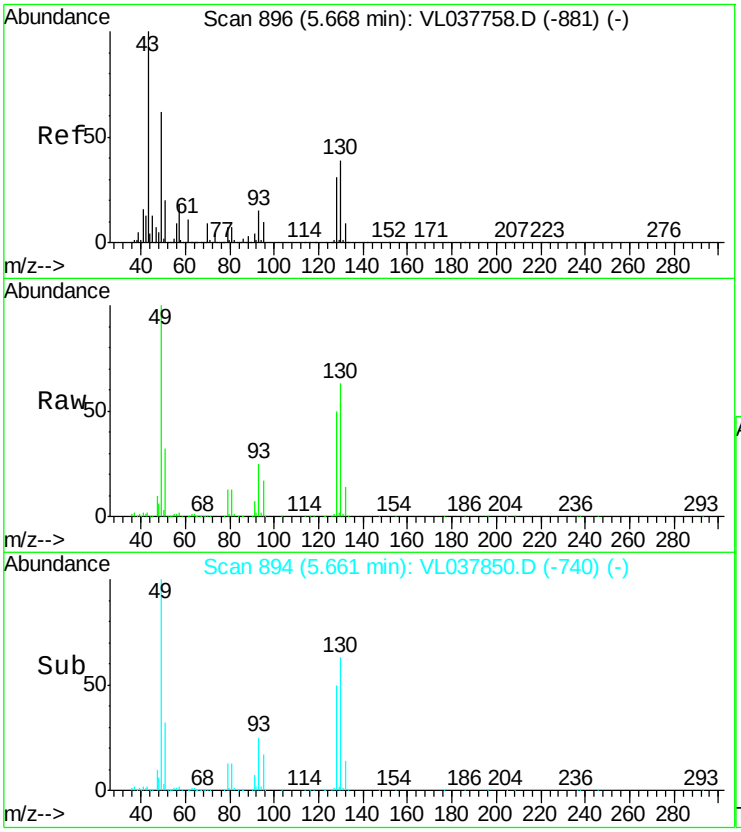
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101221\
Data File : VL037850.D
Acq On : 13 Oct 2021 10:39
Operator : SY/AP
Sample : QC101221 CAN 1065
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC101221 CAN 1065

Quant Time: Oct 14 01:08:36 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration



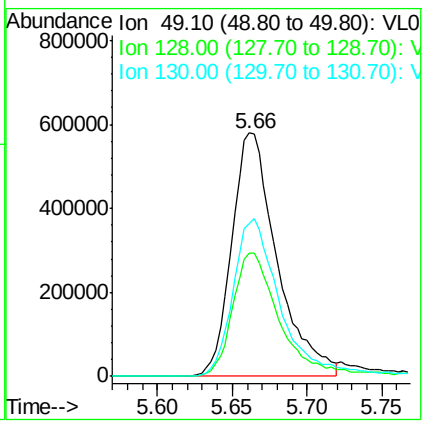


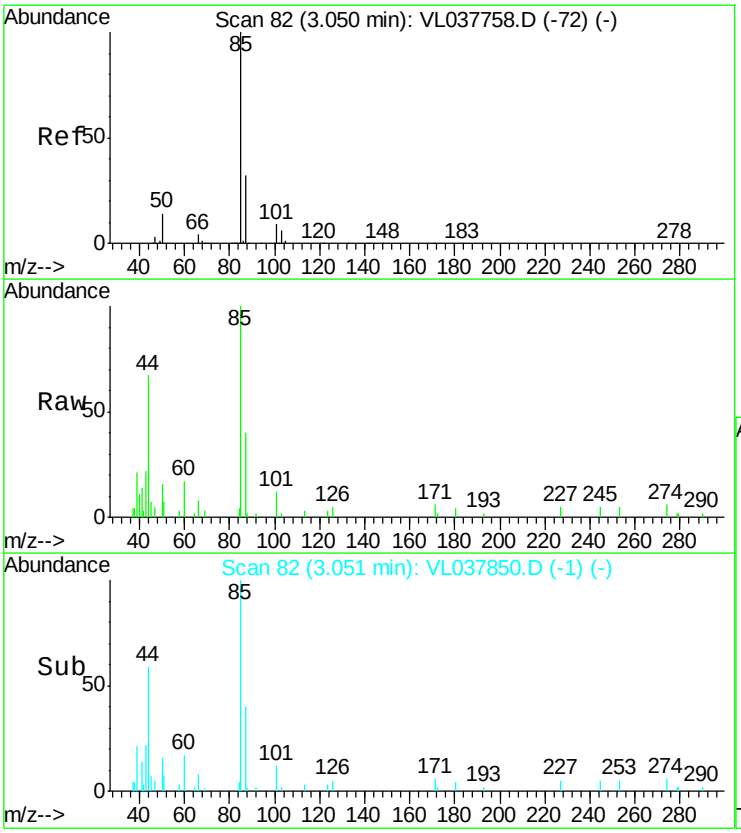
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 13 Oct 2021 10:39

Instrument :
MSVOA_L
ClientSampleId :
QC101221 CAN 1065

Tgt Ion: 49 Resp: 1225836

Ion	Ratio	Lower	Upper
49	100		
128	54.4	27.1	81.3
130	68.6	33.2	99.6

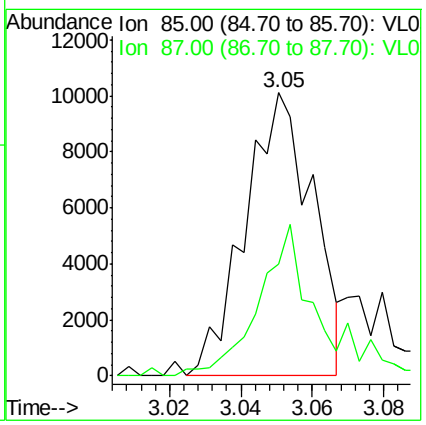


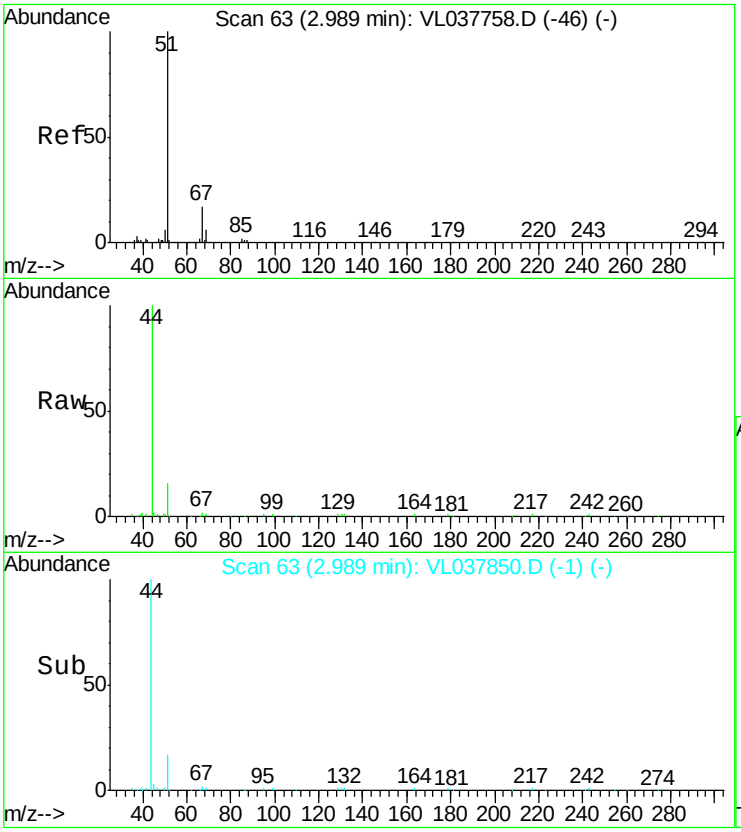


#2
Dichlorodifluoromethane
Concen: 0.068 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.00 min
Lab File: VL037850.D
Acq: 13 Oct 2021 10:39

Tgt Ion: 85 Resp: 13273

Ion	Ratio	Lower	Upper
85	100		
87	37.4	25.7	38.5



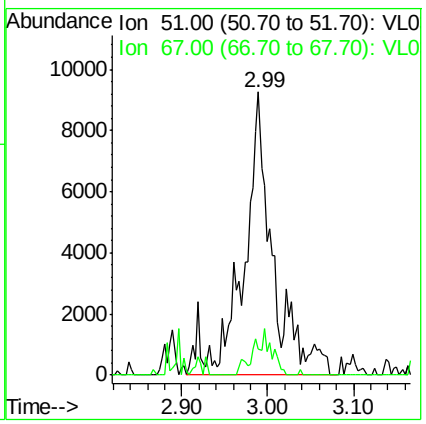


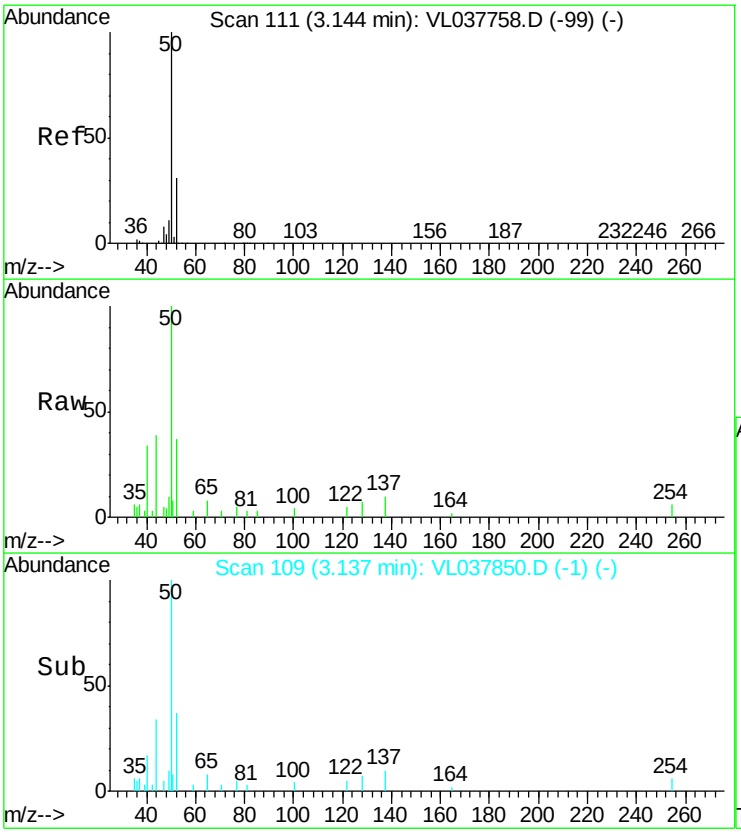
#3
Chlorodifluoromethane
Concen: 0.093 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 13 Oct 2021 10:39

Instrument :
MSVOA_L
ClientSampleId :
QC101221 CAN 1065

Tgt Ion: 51 Resp: 21972

Ion	Ratio	Lower	Upper
51	100		
67	9.9	13.5	20.3#

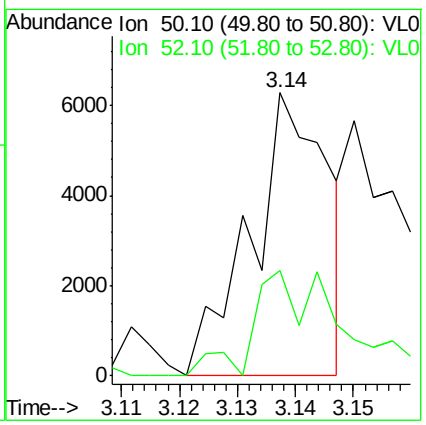


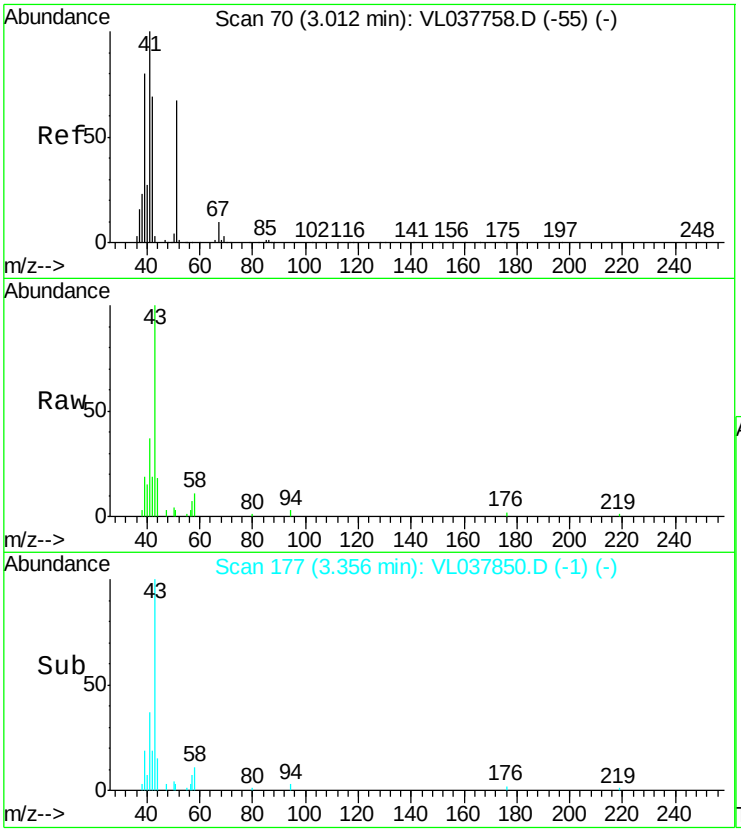


#4
Chloromethane
Concen: 0.067 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.01 min
Lab File: VL037850.D
Acq: 13 Oct 2021 10:39

Tgt Ion: 50 Resp: 5746

Ion	Ratio	Lower	Upper
50	100		
52	37.4	24.4	36.6#



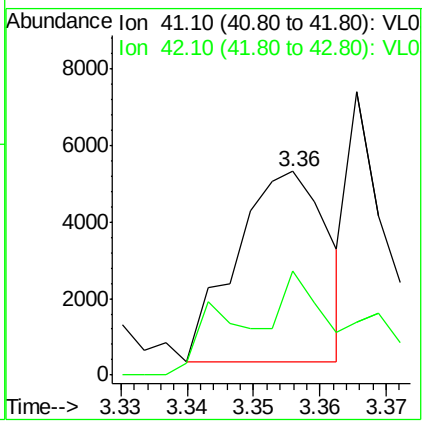


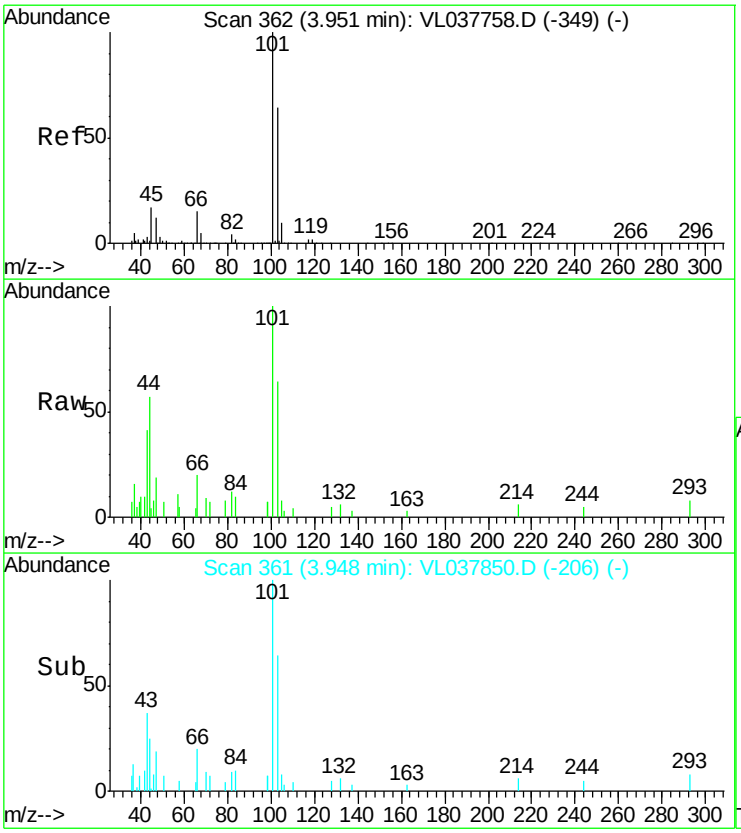
#9
Propene
Concen: 0.055 ppbv
RT: 3.36
Delta R.T
Lab File:
Acq: 13 Oct 2021 10:39

Instrument :
MSVOA_L
ClientSampleId :
QC101221 CAN 1065

Tgt Ion: 41 Resp: 4788

Ion	Ratio	Lower	Upper
41	100		
42	75.8	54.2	81.2

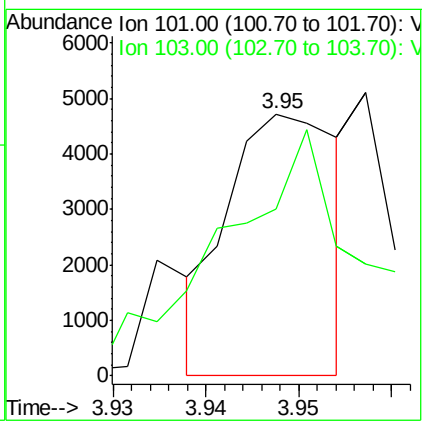


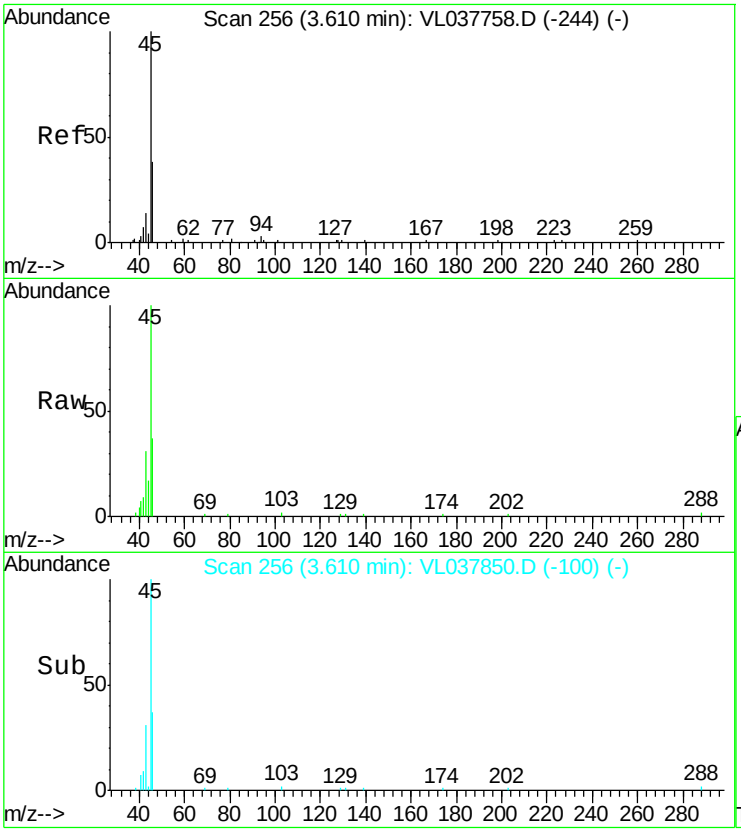


#11
Trichlorofluoromethane
Concen: 0.022 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.00 min
Lab File: VL037850.D
Acq: 13 Oct 2021 10:39

Tgt Ion:101 Resp: 3888

Ion	Ratio	Lower	Upper
101	100		
103	49.8	51.5	77.3#



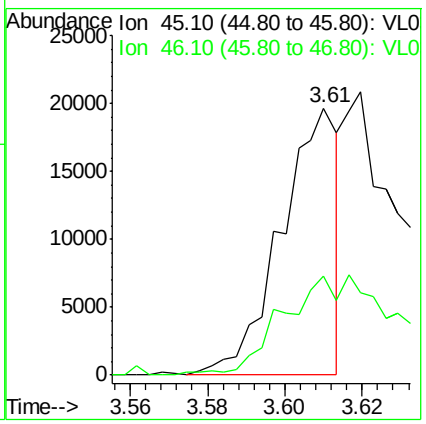


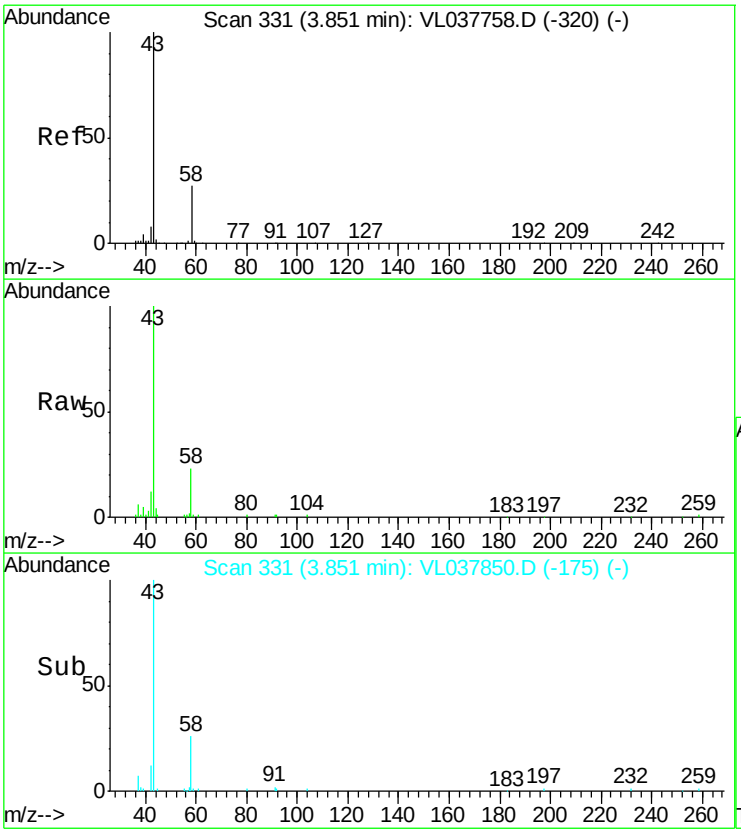
#13
Ethanol
Concen: 2.829 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 13 Oct 2021 10:39

Instrument :
MSVOA_L
ClientSampleId :
QC101221 CAN 1065

Tgt Ion: 45 Resp: 20048

Ion	Ratio	Lower	Upper
45	100		
46	0.0	20.2	81.0#

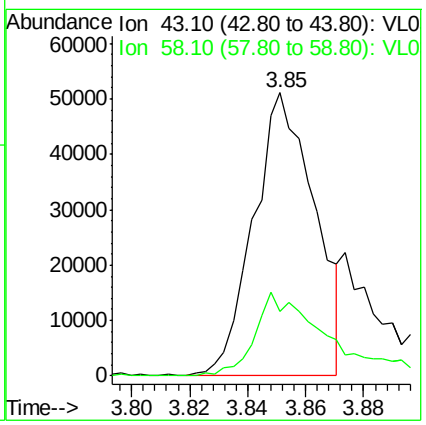


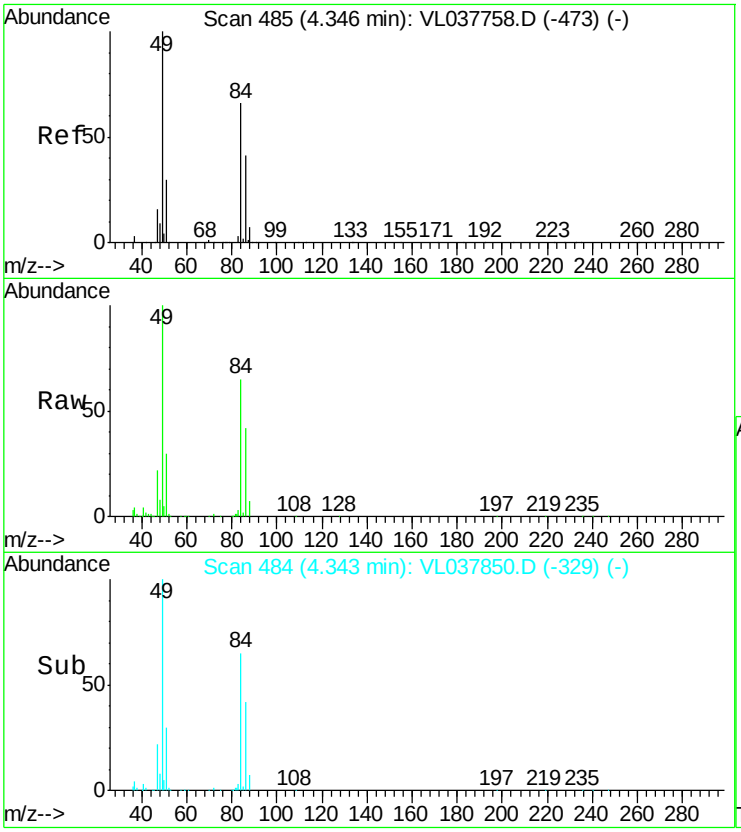


#15
Acetone
Concen: 0.681 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL037850.D
Acq: 13 Oct 2021 10:39

Tgt Ion: 43 Resp: 74885

Ion	Ratio	Lower	Upper
43	100		
58	38.2	23.0	34.6#



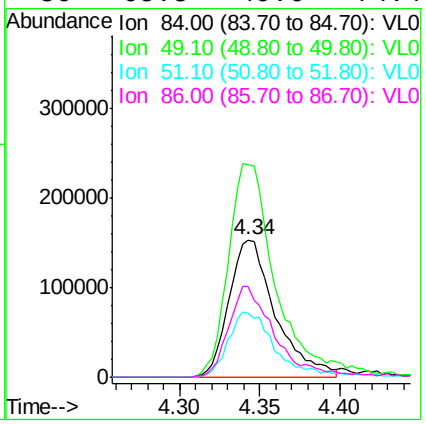


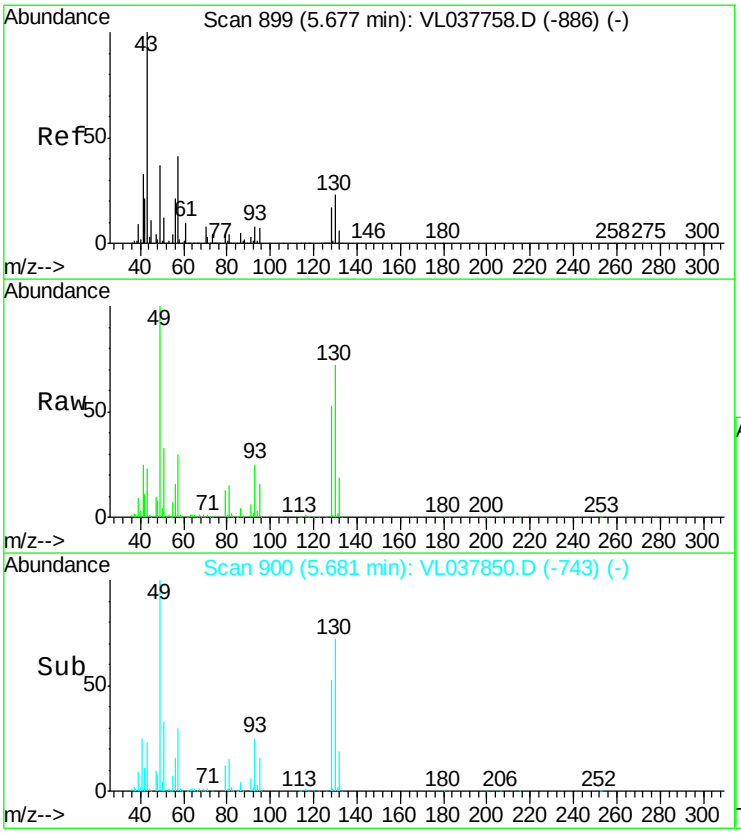
#20
Methylene Chloride
Concen: 5.469 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 13 Oct 2021 10:39

Instrument :
MSVOA_L
ClientSampleId :
QC101221 CAN 1065

Tgt Ion: 84 Resp: 304087

Ion	Ratio	Lower	Upper
84	100		
49	154.7	120.7	181.1
51	47.0	36.2	54.4
86	65.8	49.6	74.4

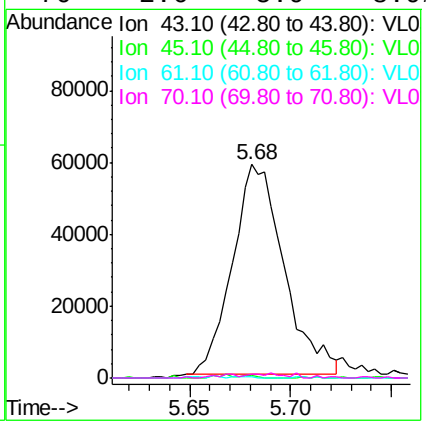


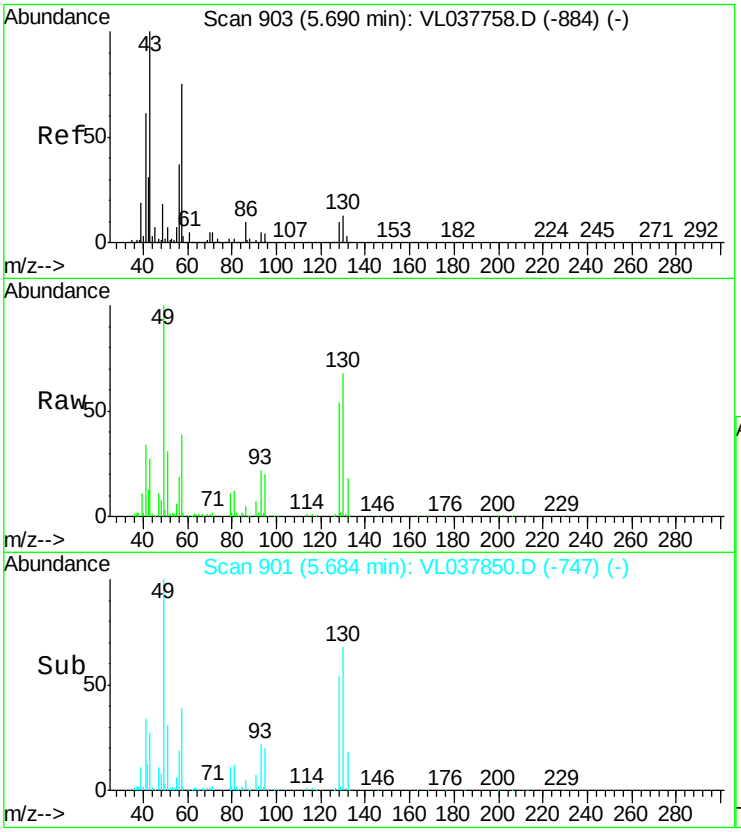


#25
Ethyl Acetate
Concen: 0.339 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL037850.D
Acq: 13 Oct 2021 10:39

Tgt Ion: 43 Resp: 104554

Ion	Ratio	Lower	Upper
43	100		
45	1.0	8.1	12.1#
61	0.7	7.5	11.3#
70	2.6	5.9	8.9#



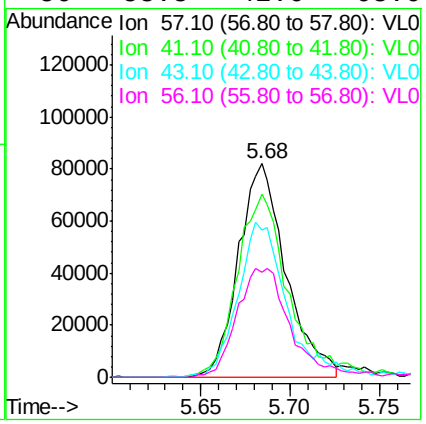


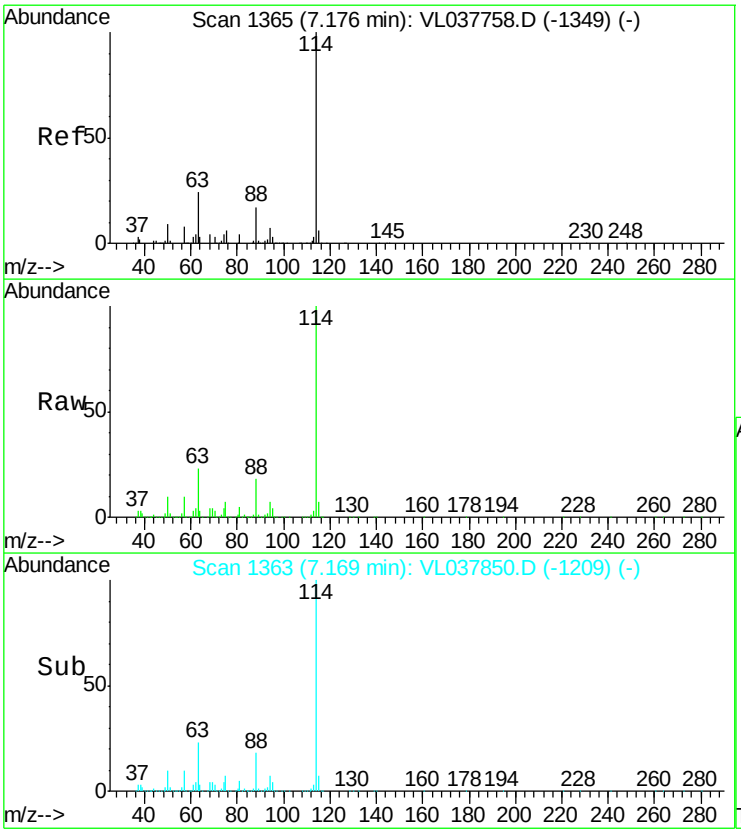
#26
Hexane
Concen: 1.004 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 13 Oct 2021 10:39

Instrument :
MSVOA_L
ClientSampleId :
QC101221 CAN 1065

Tgt Ion: 57 Resp: 152624

Ion	Ratio	Lower	Upper
57	100		
41	95.4	69.6	104.4
43	76.5	171.4	257.0#
56	58.8	42.0	63.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL037850.D
Acq: 13 Oct 2021 10:39

Tgt Ion:114 Resp: 3532083

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.2
88	17.7	14.4	21.6