Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101221\
Data File : VL037833.D
Acq On : 12 Oct 2021 17:15
Operator : SY/AP
Sample : M4079-04DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P47DL

Quant Time: Oct 14 01:05:20 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	1374448	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3900658	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3394684	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2344235	9.87	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.70%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.00	51	6681	0.025	ppbv	93
9) Propene	3.02	41	12232	0.126	ppbv #	16
13) Ethanol	3.62	45	11560	1.455	ppbv	97
15) Acetone	3.86	43	124870	1.012	ppbv #	79
16) 1,3-Butadiene	3.32	39	2467	0.027	ppbv #	11
17) tert-Butyl alcohol	4.32	59	4708	0.037	ppbv	98
20) Methylene Chloride	4.34	84	69402	1.113	ppbv	92
23) Vinyl Acetate	5.07	43	5893	0.032	ppbv #	77
25) Ethyl Acetate	5.69	43	27861	0.080	ppbv #	82
26) Hexane	5.68	57	47873	0.281	ppbv #	49
29) Chloroform	5.75	83	25957	0.107	ppbv	90
39) 1,2-Dichloropropane	7.17	63	913205	7.287	ppbv #	29
52) Tetrachloroethene	11.21	164	230427	1.778	ppbv	98
59) m/p-Xylene	12.99	91	9836	0.025	ppbv #	30
60) o-Xylene	13.68	91	18496	0.049	ppbv	77
74) 1,2,4-Trimethylbenzene	16.75	105	9805	0.024	ppbv #	77

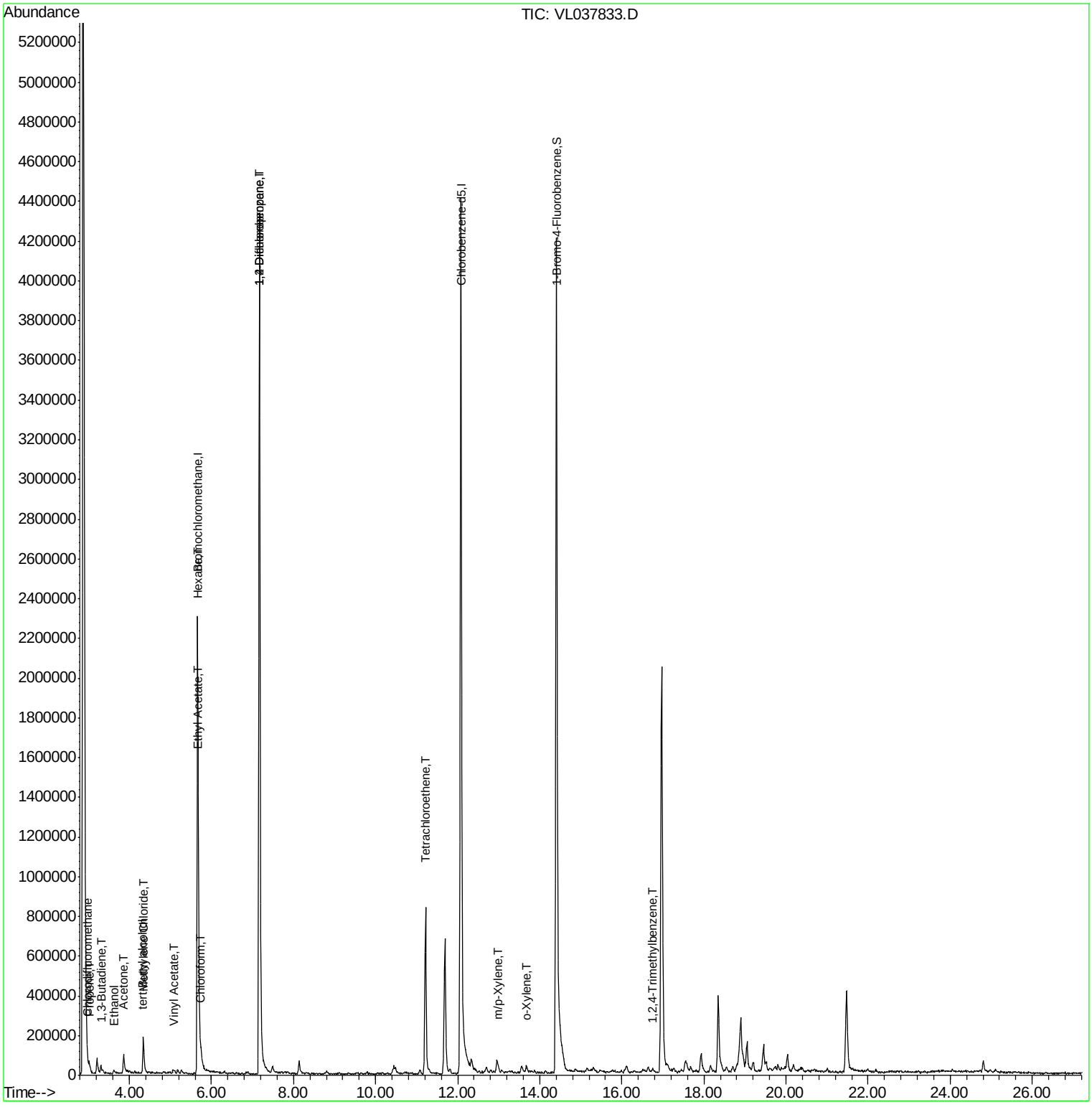
(#) = qualifier out of range (m) = manual integration (+) = signals summed

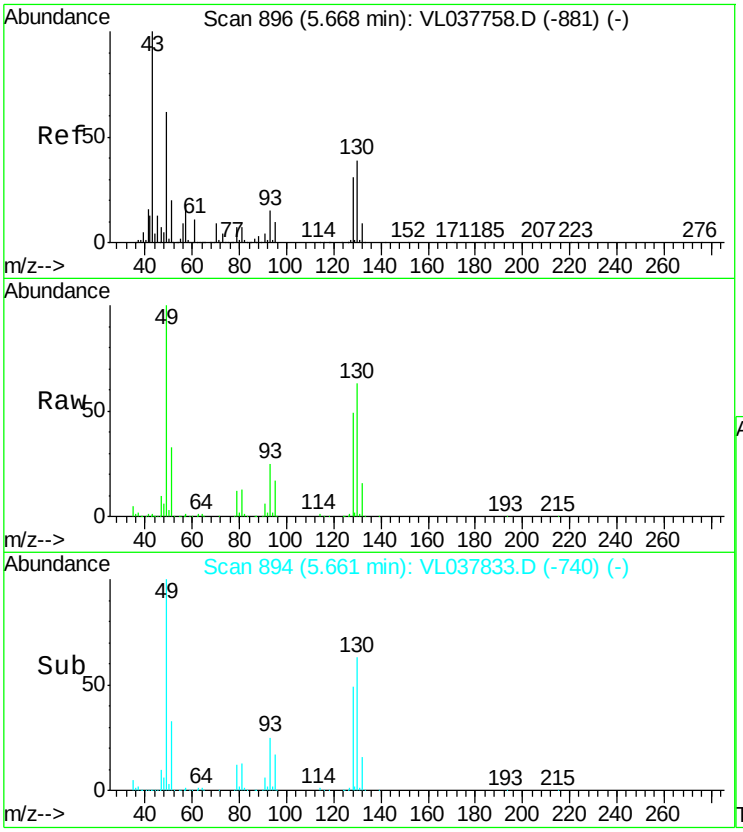
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101221\
Data File : VL037833.D
Acq On : 12 Oct 2021 17:15
Operator : SY/AP
Sample : M4079-04DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P47DL

Quant Time: Oct 14 01:05:20 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



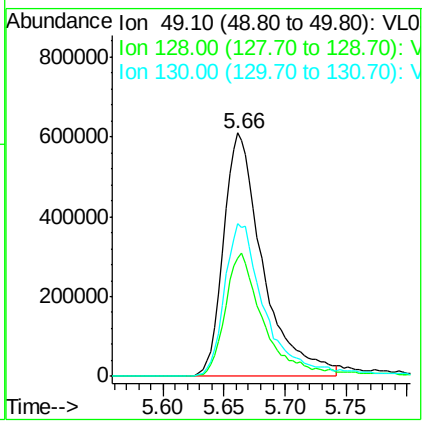


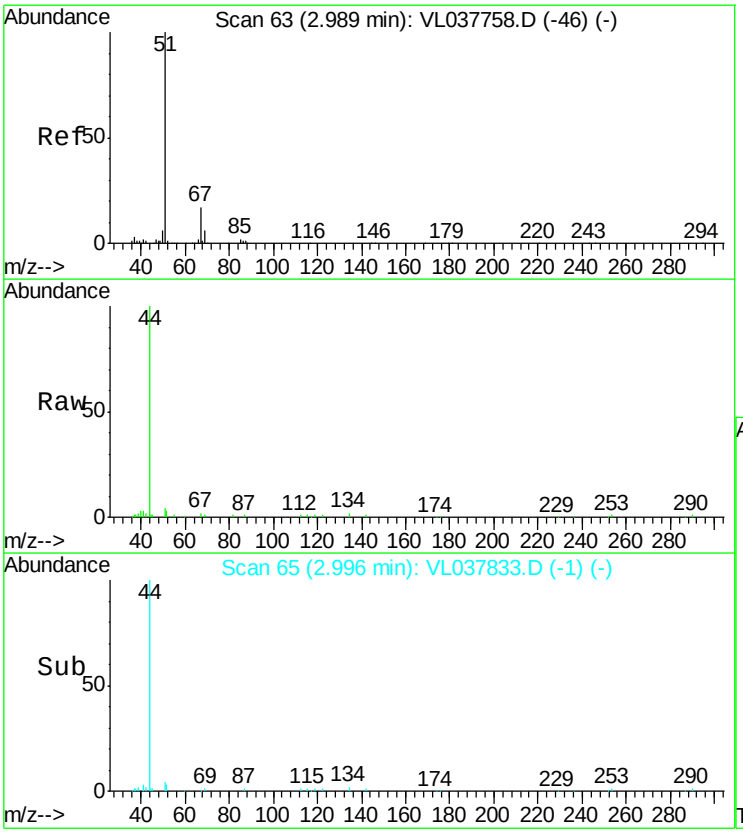
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 12 Oct 2021 17:15

Instrument :
MSVOA_L
ClientSampleId :
C0P47DL

Tgt Ion: 49 Resp: 1374448

Ion	Ratio	Lower	Upper
49	100		
128	51.5	27.1	81.3
130	67.0	33.2	99.6

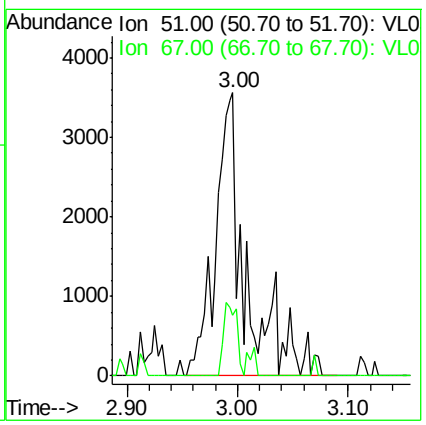


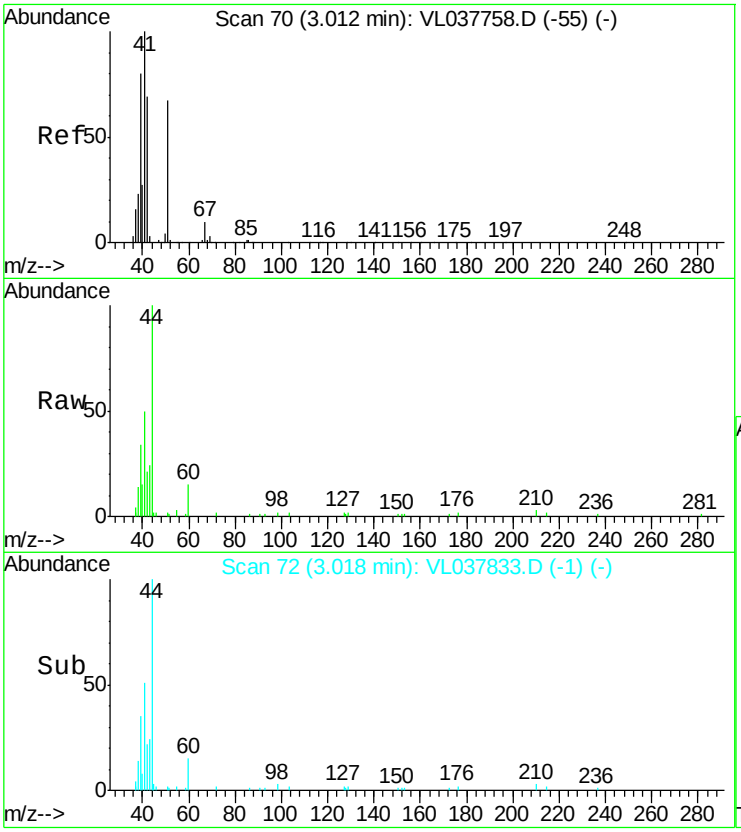


#3
Chlorodifluoromethane
Concen: 0.025 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.01 min
Lab File: VL037833.D
Acq: 12 Oct 2021 17:15

Tgt Ion: 51 Resp: 6681

Ion	Ratio	Lower	Upper
51	100		
67	13.9	13.5	20.3



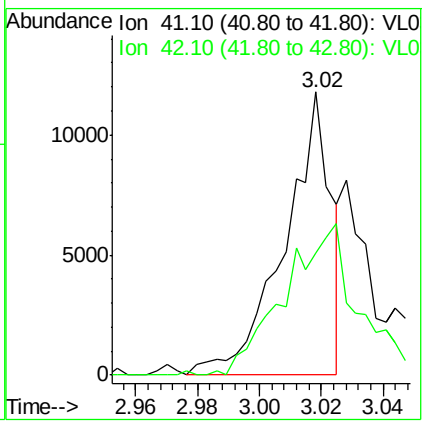


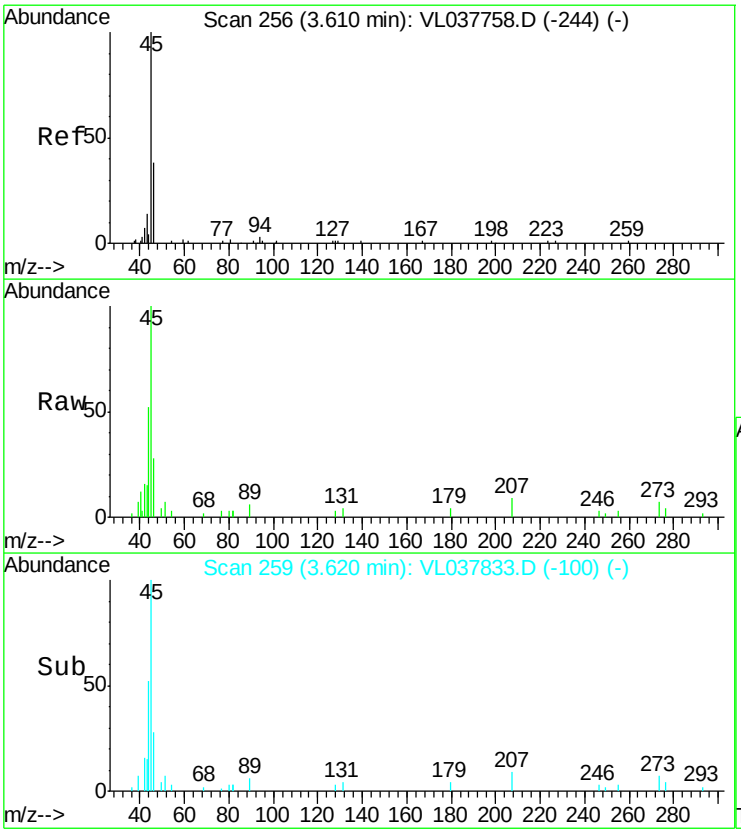
#9
Propene
Concen: 0.126 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 12 Oct 2021 17:15

Instrument :
MSVOA_L
ClientSampleId :
C0P47DL

Tgt Ion: 41 Resp: 12232

Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.2	81.2#

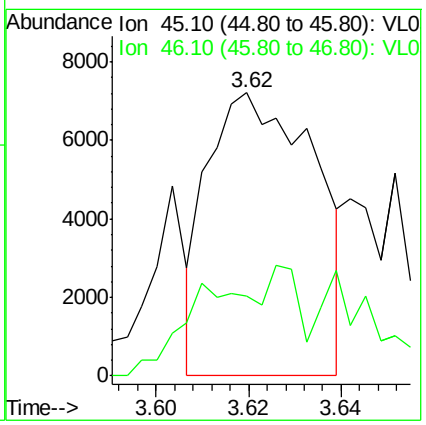


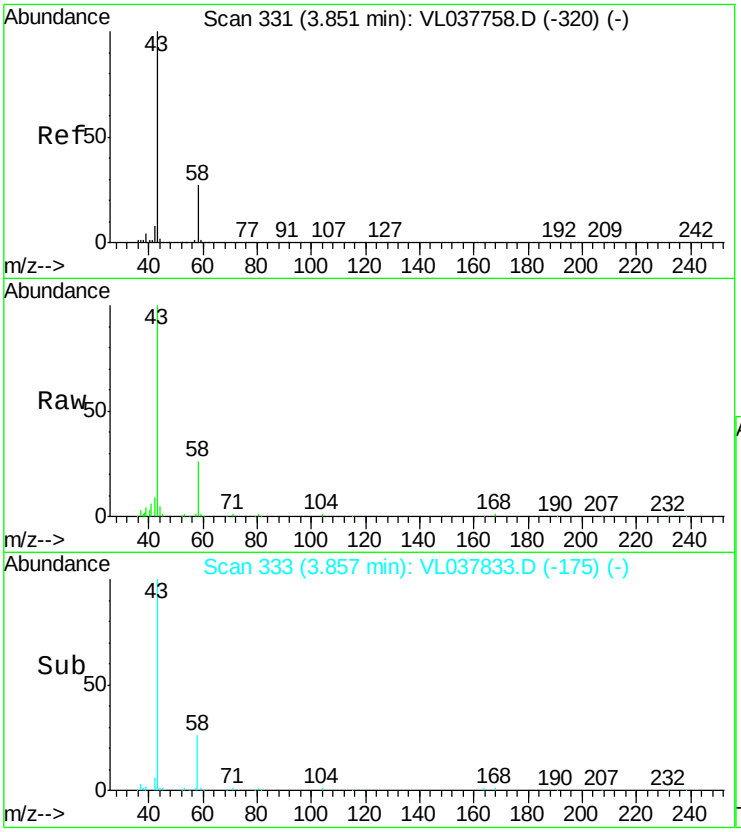


#13
Ethanol
Concen: 1.455 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.01 min
Lab File: VL037833.D
Acq: 12 Oct 2021 17:15

Tgt Ion: 45 Resp: 11560

Ion	Ratio	Lower	Upper
45	100		
46	53.0	20.2	81.0



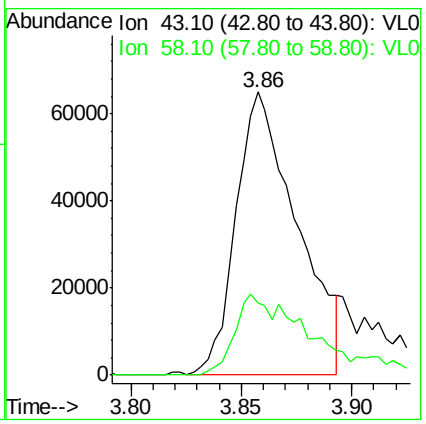


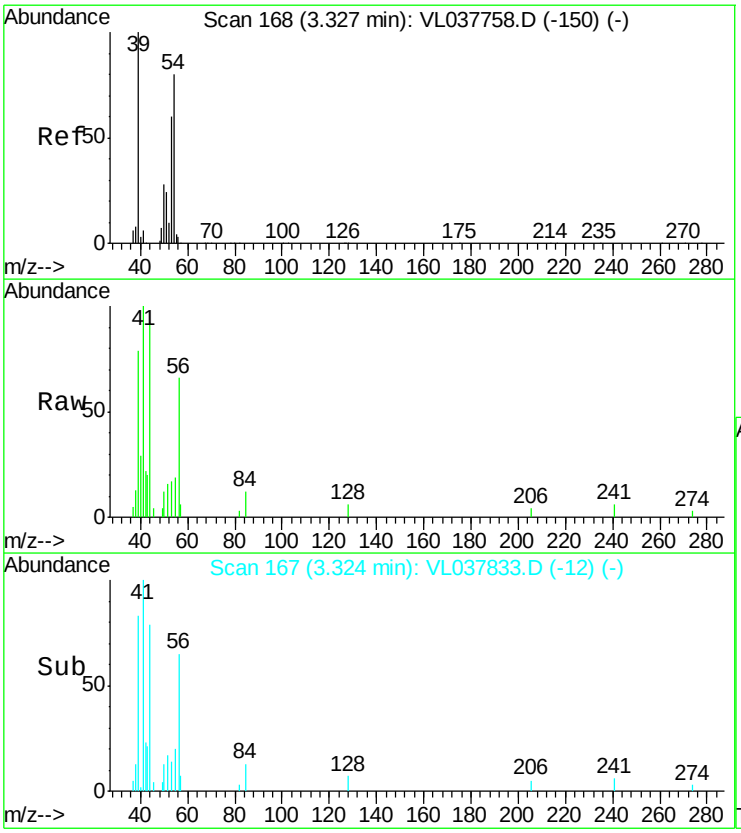
#15
Acetone
Concen: 1.012 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 12 Oct 2021 17:13

Instrument :
MSVOA_L
ClientSampleId :
C0P47DL

Tgt Ion: 43 Resp: 124870

Ion	Ratio	Lower	Upper
43	100		
58	40.2	23.0	34.6#

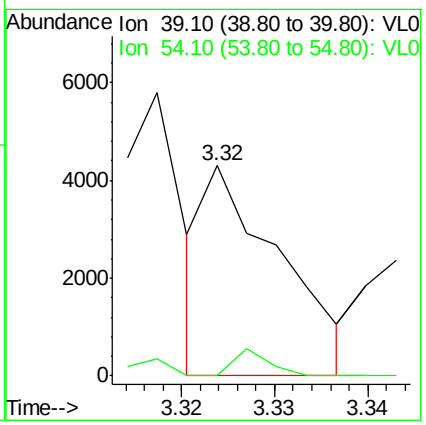


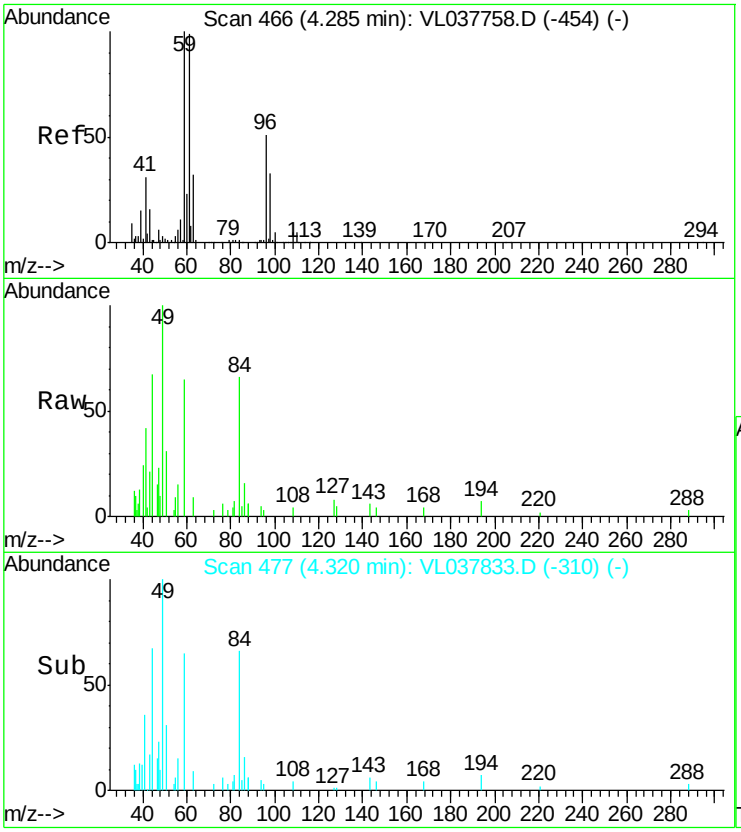


#16
1,3-Butadiene
Concen: 0.027 ppbv
RT: 3.32 min Scan# 167
Delta R.T. -0.00 min
Lab File: VL037833.D
Acq: 12 Oct 2021 17:15

Tgt Ion: 39 Resp: 2467

Ion	Ratio	Lower	Upper
39	100		
54	0.0	61.7	92.5#



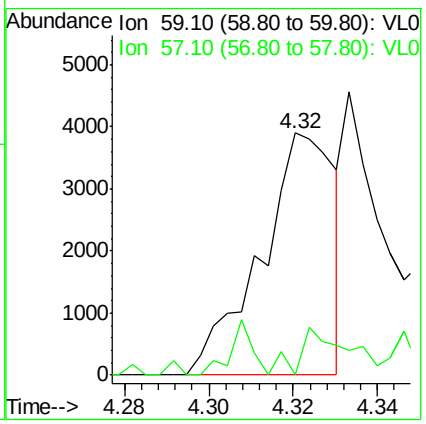


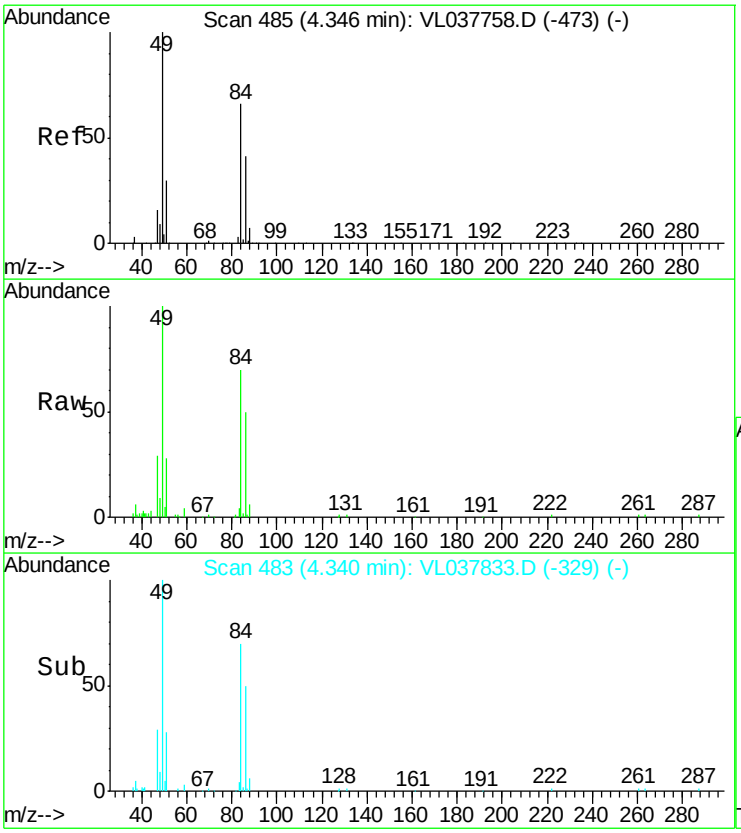
#17
tert-Butyl alcohol
Concen: 0.037 ppbv
RT: 4.32
Delta R.T
Lab File:
Acq: 12 Oct 2021 17:13

Instrument :
MSVOA_L
ClientSampleId :
C0P47DL

Tgt Ion: 59 Resp: 4708

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.6	13.0

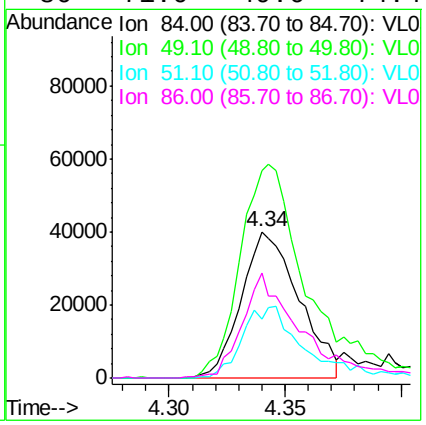


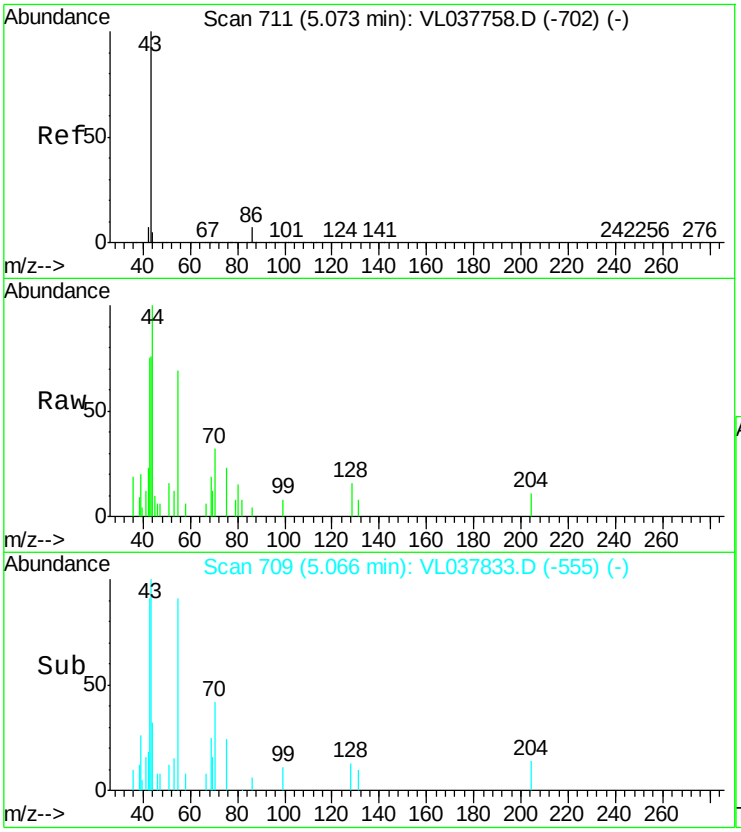


#20
Methylene Chloride
Concen: 1.113 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037833.D
Acq: 12 Oct 2021 17:15

Tgt Ion: 84 Resp: 69402

Ion	Ratio	Lower	Upper
84	100		
49	142.3	120.7	181.1
51	40.4	36.2	54.4
86	71.0	49.6	74.4



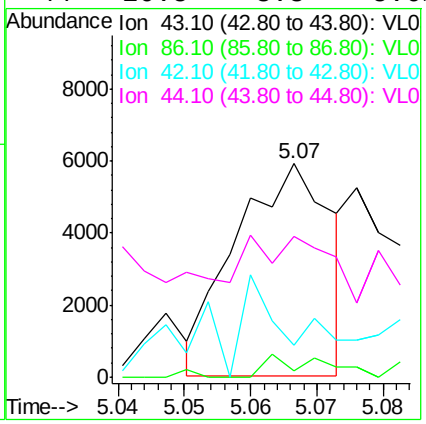


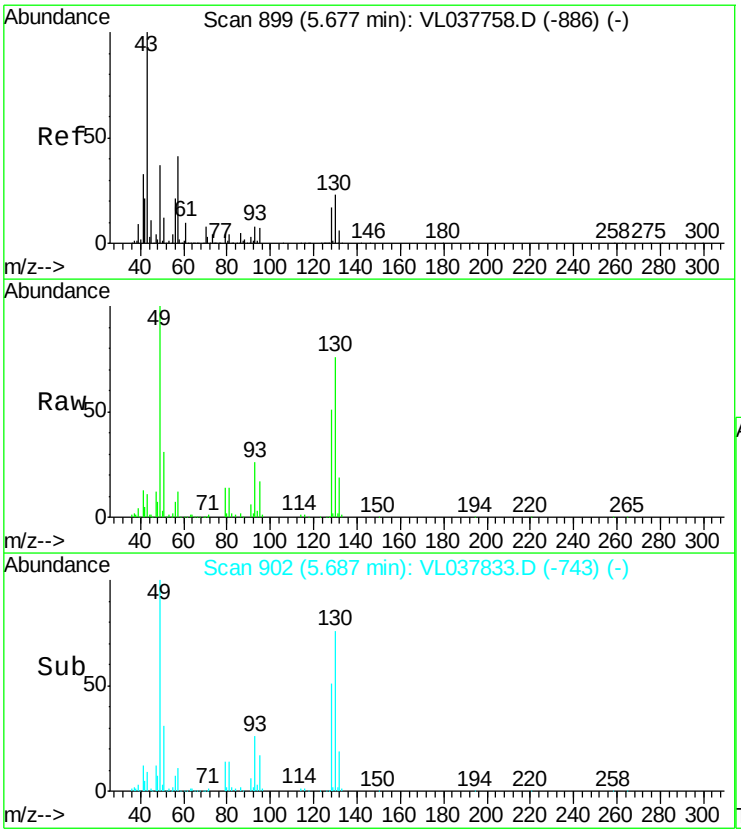
#23
Vinyl Acetate
Concen: 0.032 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 12 Oct 2021 17:15

Instrument :
MSVOA_L
ClientSampleId :
C0P47DL

Tgt Ion: 43 Resp: 5893

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.4#
42	4.4	7.4	11.0#
44	20.5	3.8	5.6#





#25
Ethyl Acetate
Concen: 0.080 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL037833.D
Acq: 12 Oct 2021 17:15

Tgt Ion: 43 Resp: 27861

Ion	Ratio	Lower	Upper
43	100		
45	6.9	8.1	12.1#
61	0.0	7.5	11.3#
70	0.0	5.9	8.9#