Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101221\
Data File : VL037836.D
Acq On : 12 Oct 2021 19:15
Operator : SY/AP
Sample : M4079-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P48

Quant Time: Oct 14 01:05:58 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	1347567	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3768244	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3278579	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2166449	9.45	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	43191	0.201	ppbv		96
3) Chlorodifluoromethane	2.99	51	90236	0.349	ppbv		97
4) Chloromethane	3.14	50	31279	0.330	ppbv	#	86
9) Propene	3.01	41	136807	1.436	ppbv		89
11) Trichlorofluoromethane	3.95	101	37702	0.196	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	3508	0.024	ppbv	#	1
13) Ethanol	3.61	45	392093	50.324	ppbv		84
15) Acetone	3.84	43	2773971	22.931	ppbv		99
16) 1,3-Butadiene	3.30	39	339625	3.859	ppbv	#	17
17) tert-Butyl alcohol	4.30	59	16761	0.135	ppbv	#	41
19) Isopropyl Alcohol	3.98	45	14409	0.191	ppbv	#	96
20) Methylene Chloride	4.34	84	1297485	21.228	ppbv		97
23) Vinyl Acetate	5.06	43	84910	0.468	ppbv	#	61
25) Ethyl Acetate	5.68	43	609209	1.795	ppbv	#	78
26) Hexane	5.68	57	854491	5.112	ppbv	#	45
27) Carbon Disulfide	4.55	76	11643	0.079	ppbv	#	26
30) Cyclohexane	7.12	84	4128	0.029	ppbv	#	1
32) 1,1,1-Trichloroethane	6.50	97	13691	0.060	ppbv	#	45
34) 2-Butanone	5.24	43	387743	2.549	ppbv		96
35) Carbon Tetrachloride	7.01	117	5078	0.024	ppbv	#	73
36) Benzene	6.88	78	18589	0.058	ppbv		94
39) 1,2-Dichloropropane	7.17	63	875319	7.230	ppbv	#	28
41) Tetrahydrofuran	6.31	42	5977	0.080	ppbv	#	44
44) 2,2,4-Trimethylpentane	7.86	57	16385	0.030	ppbv	#	1
51) 2-Hexanone	10.13	43	4184	0.047	ppbv	#	29
52) Tetrachloroethene	11.22	164	7148608	57.087	ppbv		97
53) Toluene	9.80	91	50355	0.141	ppbv	#	46
58) Ethyl Benzene	12.71	91	67944	0.154	ppbv	#	85
59) m/p-Xylene	12.96	91	51682	0.137	ppbv	#	1
60) o-Xylene	13.67	91	27333	0.075	ppbv	#	1

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

Quantitation Report (Not Reviewed)

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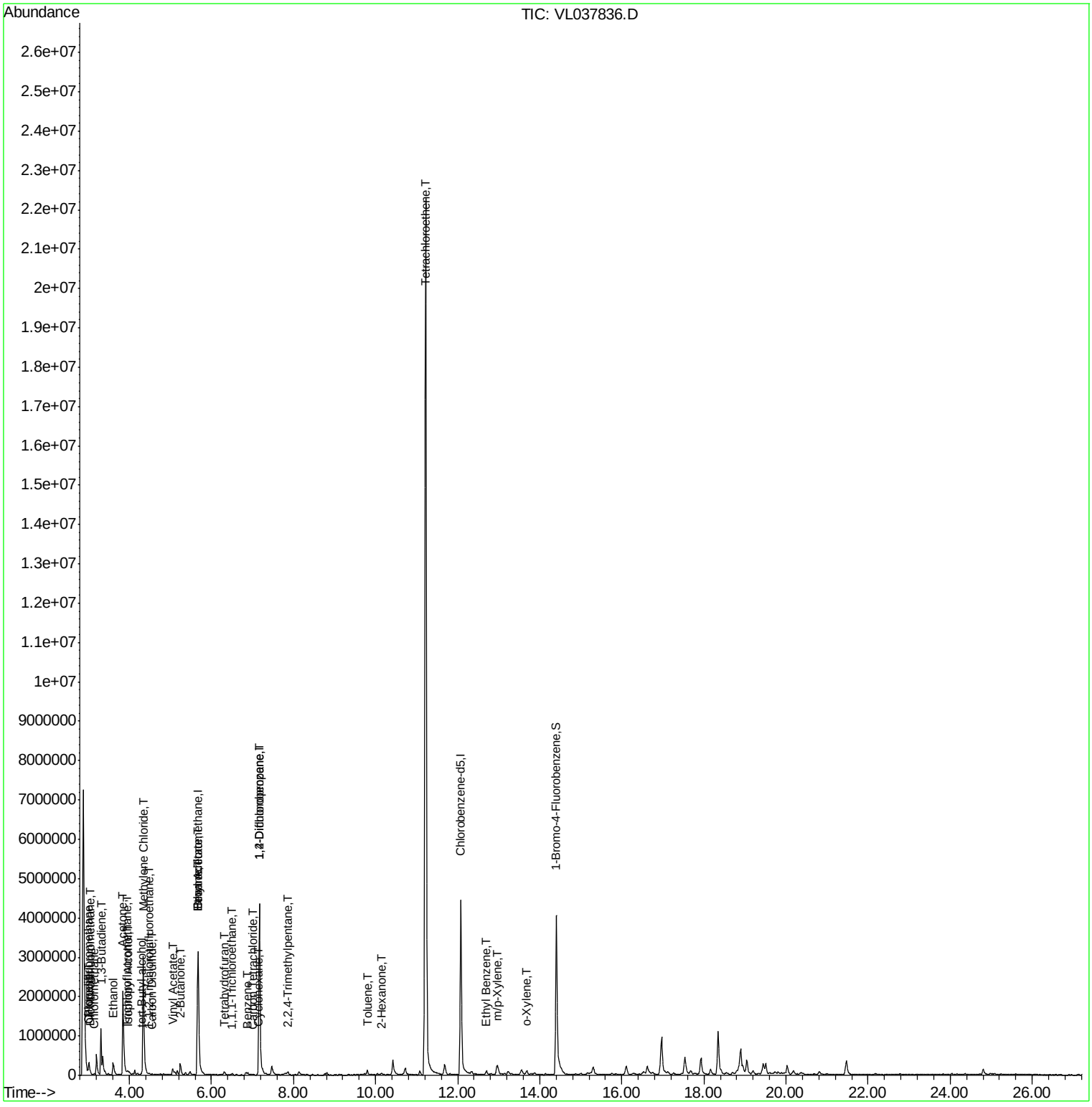
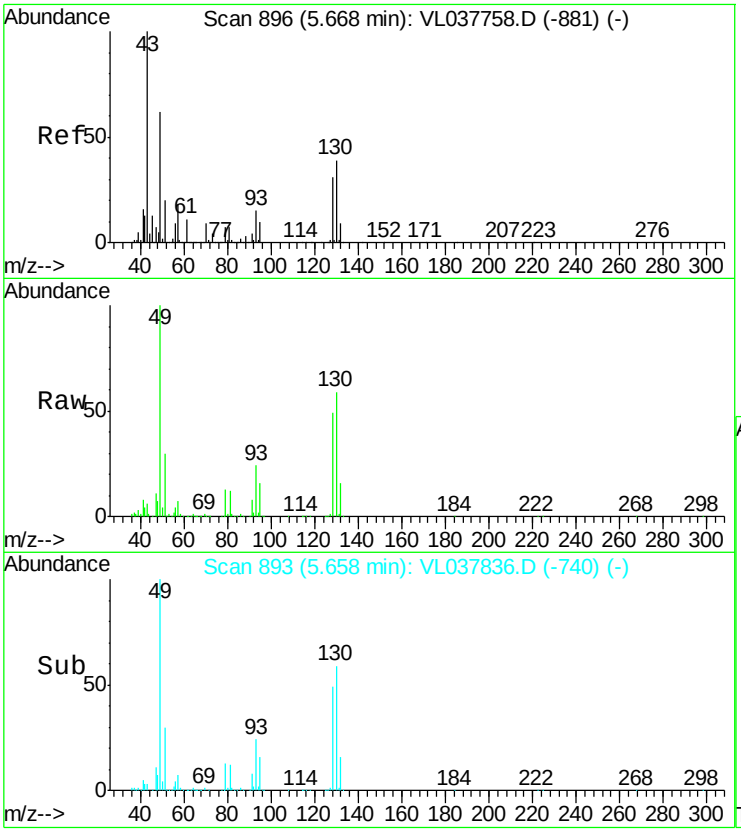
Instrument :
MSVOA_L
ClientSampleId :
C0P48

Quant Time: Oct 14 01:05:58 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



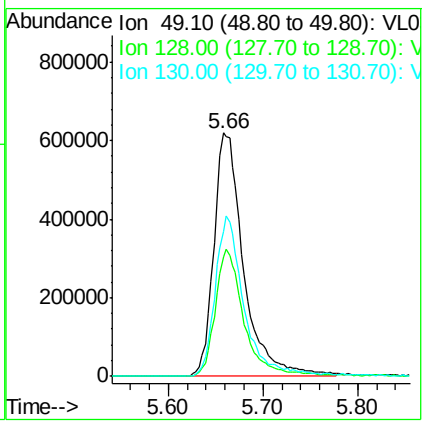


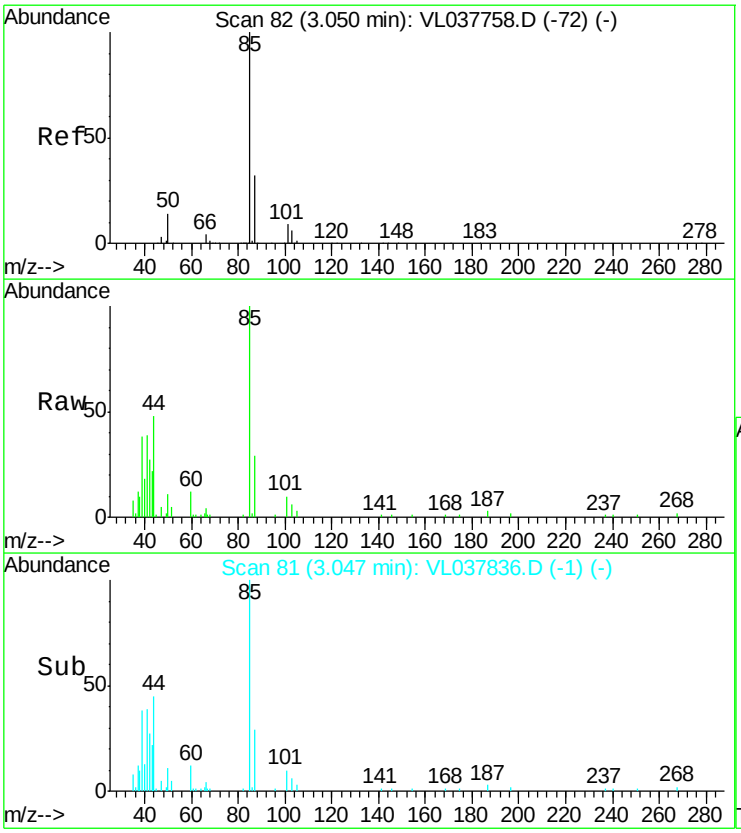
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 12 Oct 2021 19:15

Instrument :
MSVOA_L
ClientSampleId :
C0P48

Tgt Ion: 49 Resp: 1347567

Ion	Ratio	Lower	Upper
49	100		
128	51.2	27.1	81.3
130	65.0	33.2	99.6

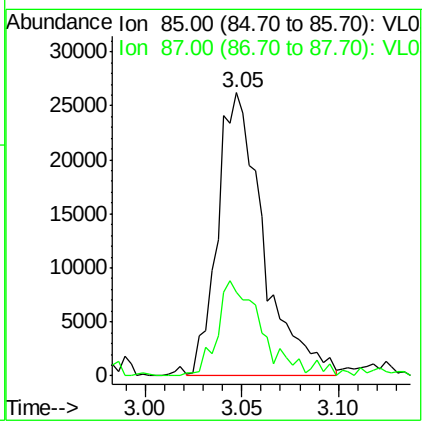


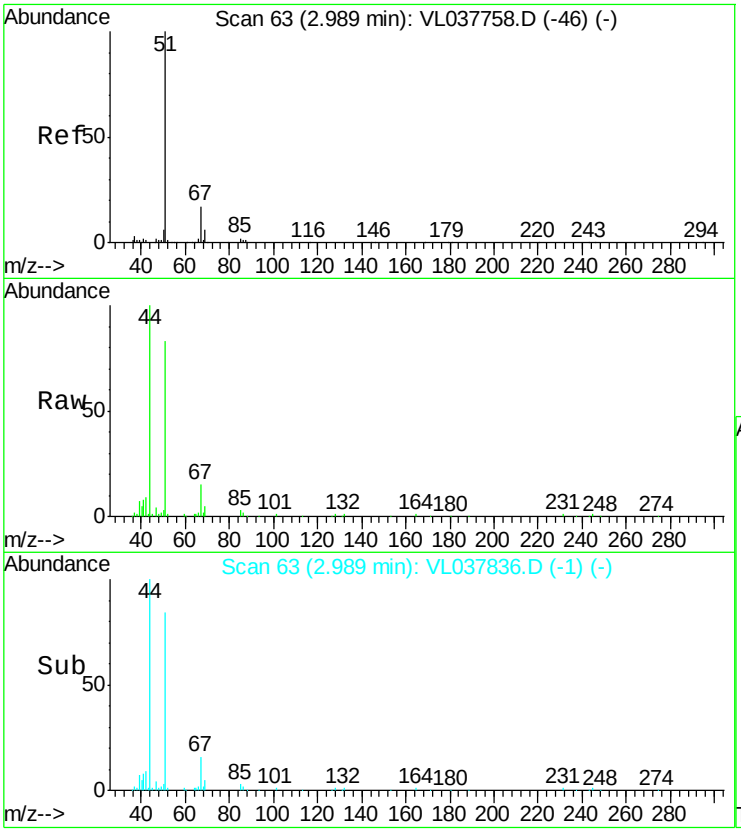


#2
Dichlorodifluoromethane
Concen: 0.201 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL037836.D
Acq: 12 Oct 2021 19:15

Tgt Ion: 85 Resp: 43191

Ion	Ratio	Lower	Upper
85	100		
87	29.7	25.7	38.5



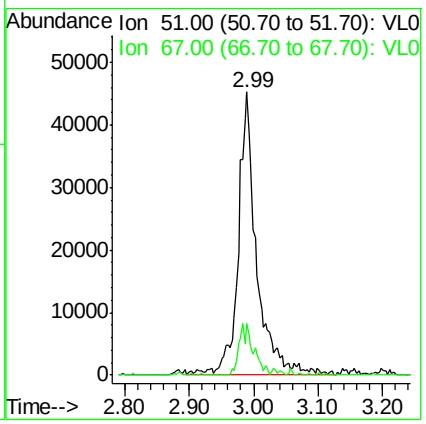


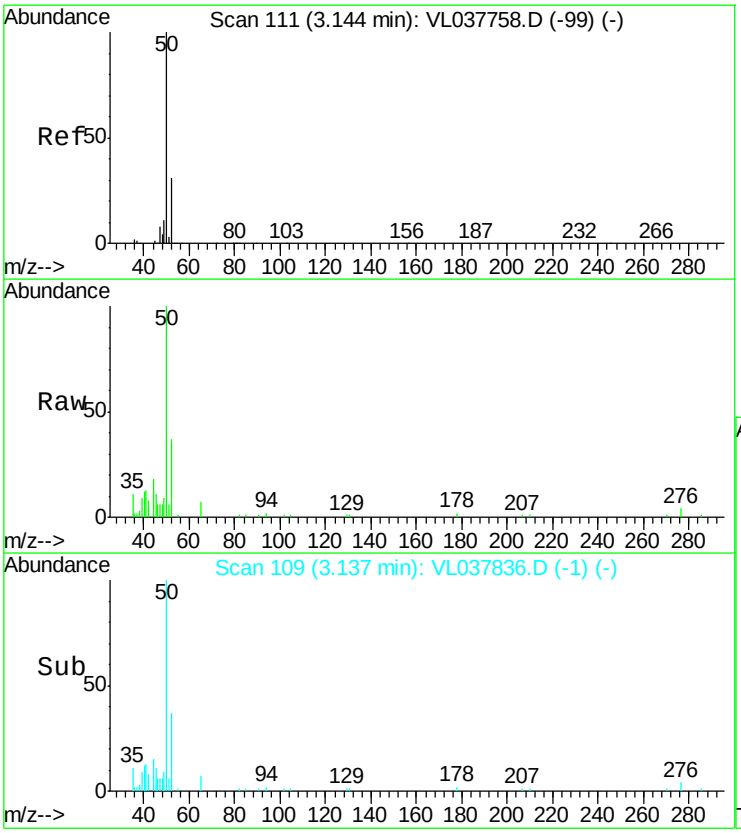
#3
Chlorodifluoromethane
Concen: 0.349 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 12 Oct 2021 19:15

Instrument :
MSVOA_L
ClientSampleId :
C0P48

Tgt Ion: 51 Resp: 90236

Ion	Ratio	Lower	Upper
51	100		
67	15.8	13.5	20.3

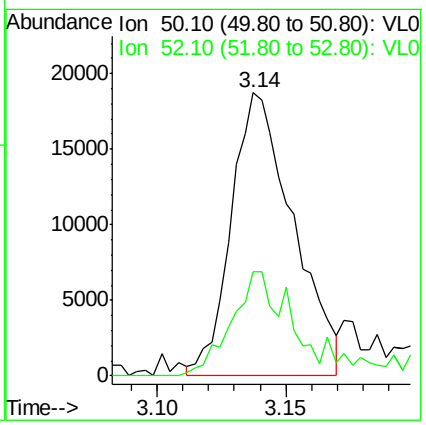


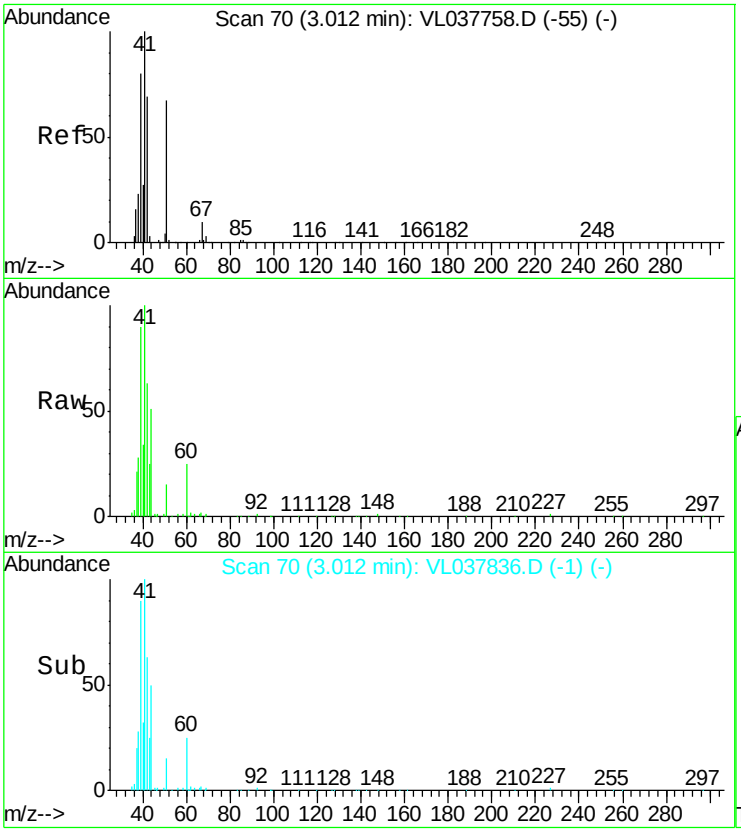


#4
Chloromethane
Concen: 0.330 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.01 min
Lab File: VL037836.D
Acq: 12 Oct 2021 19:15

Tgt Ion: 50 Resp: 31279

Ion	Ratio	Lower	Upper
50	100		
52	38.3	24.4	36.6#



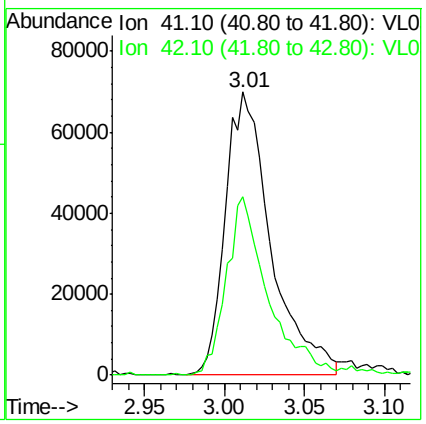


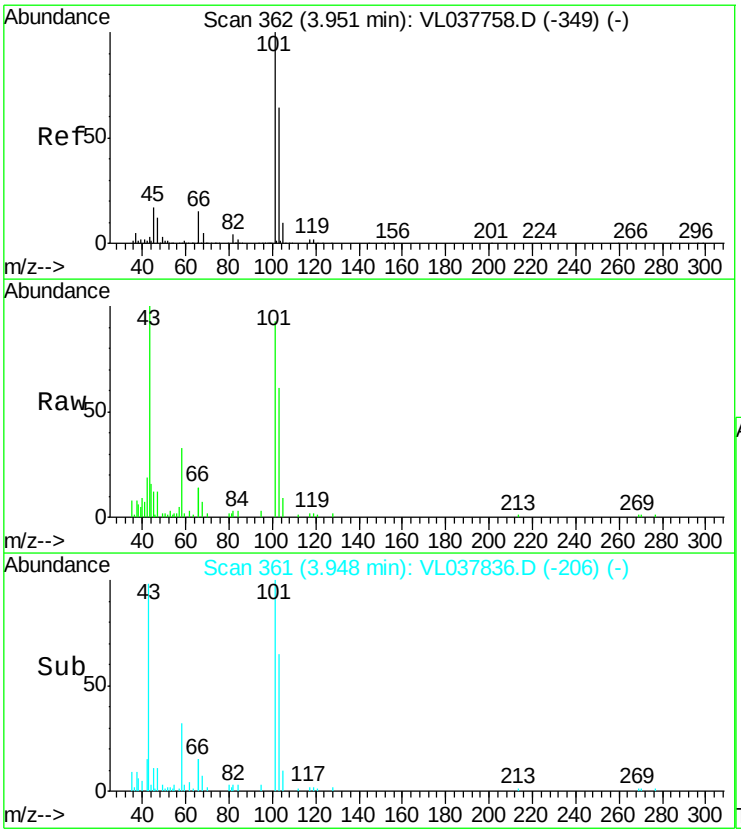
#9
Propene
Concen: 1.436 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 12 Oct 2021 19:15

Instrument :
MSVOA_L
ClientSampleId :
C0P48

Tgt Ion: 41 Resp: 136807

Ion	Ratio	Lower	Upper
41	100		
42	59.0	54.2	81.2

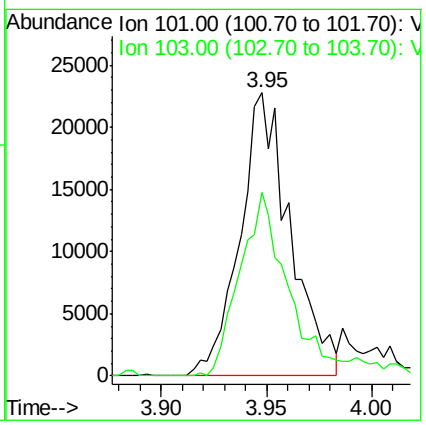


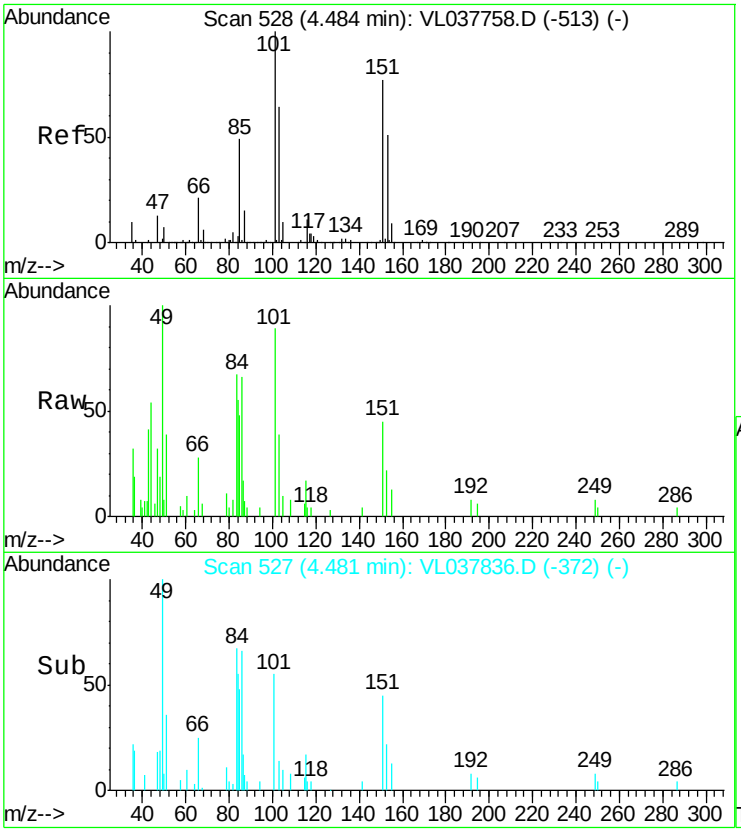


#11
Trichlorofluoromethane
Concen: 0.196 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.00 min
Lab File: VL037836.D
Acq: 12 Oct 2021 19:15

Tgt Ion:101 Resp: 37702

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.5	77.3



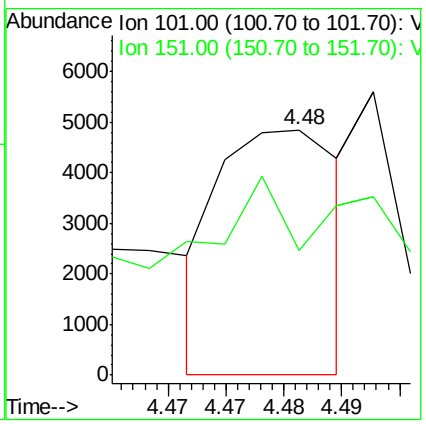


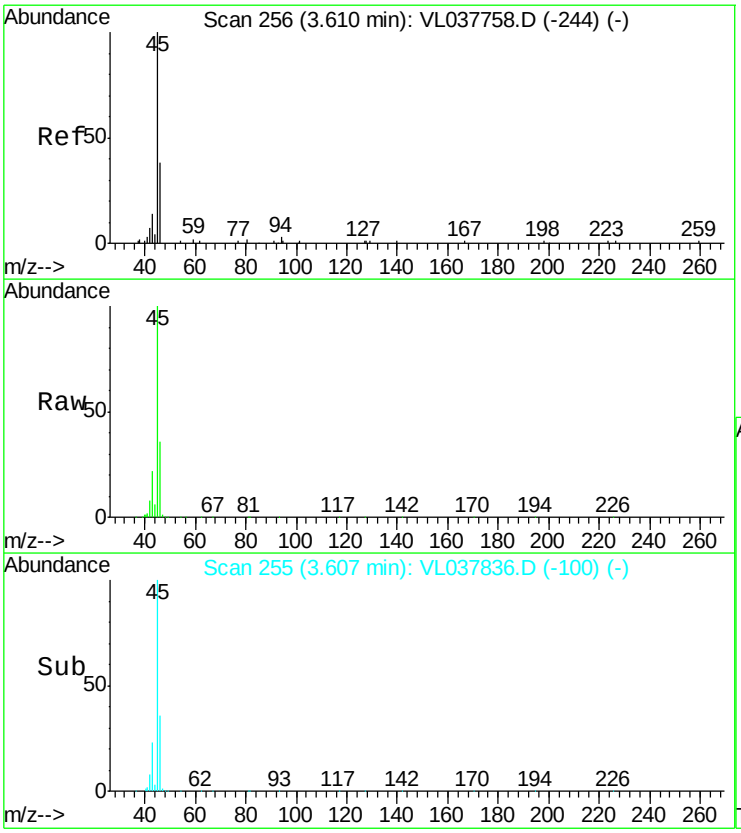
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.024 ppbv
RT: 4.48
Delta R.T
Lab File:
Acq: 12 Oct 2021 19:15

Instrument :
MSVOA_L
ClientSampleId :
C0P48

Tgt Ion:101 Resp: 3508

Ion	Ratio	Lower	Upper
101	100		
151	217.3	62.9	94.3#

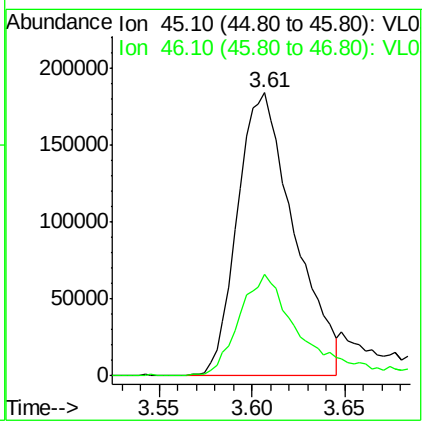


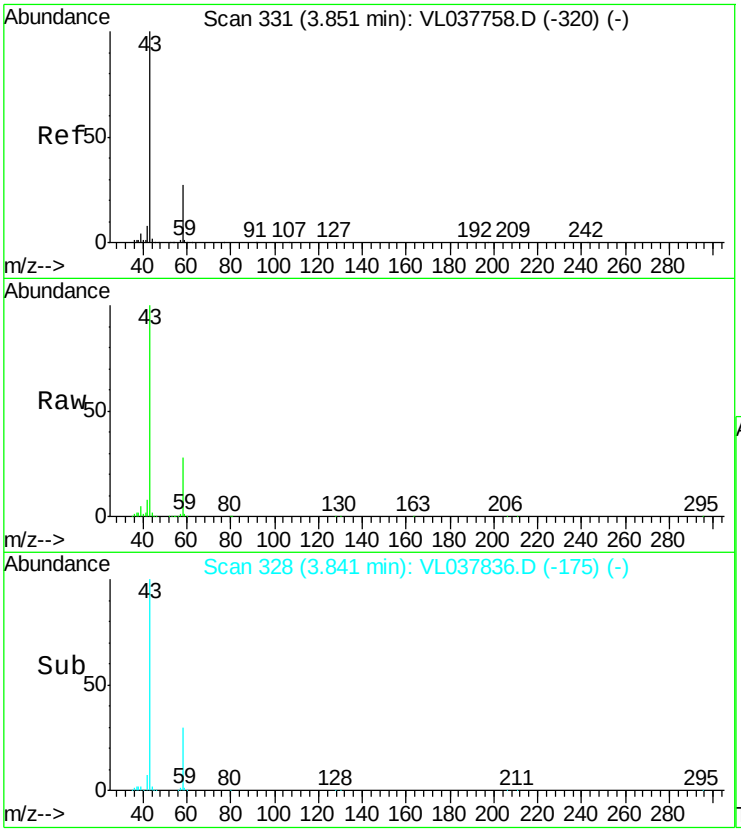


#13
Ethanol
Concen: 50.324 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL037836.D
Acq: 12 Oct 2021 19:15

Tgt Ion: 45 Resp: 392093

Ion	Ratio	Lower	Upper
45	100		
46	39.7	20.2	81.0



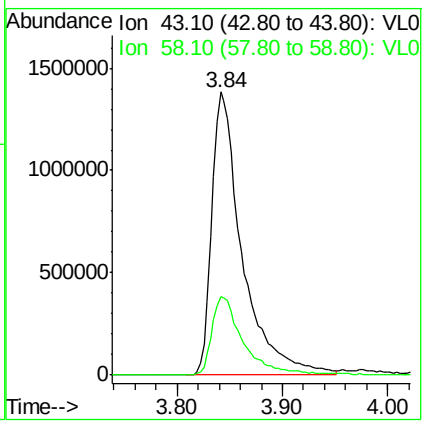


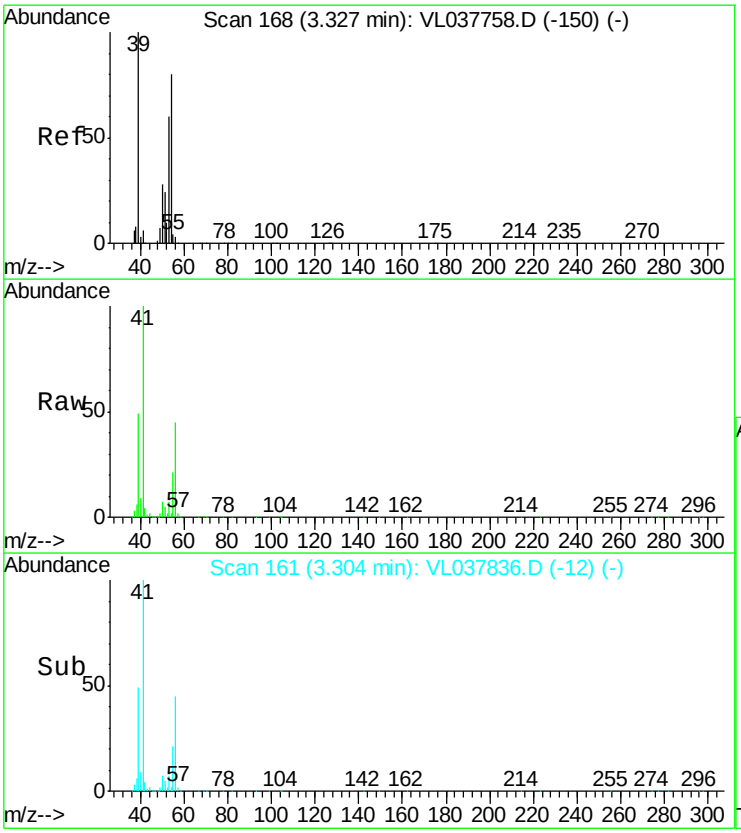
#15
Acetone
Concen: 22.931 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 12 Oct 2021 19:15

Instrument :
MSVOA_L
ClientSampleId :
C0P48

Tgt Ion: 43 Resp: 2773971

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.0	34.6

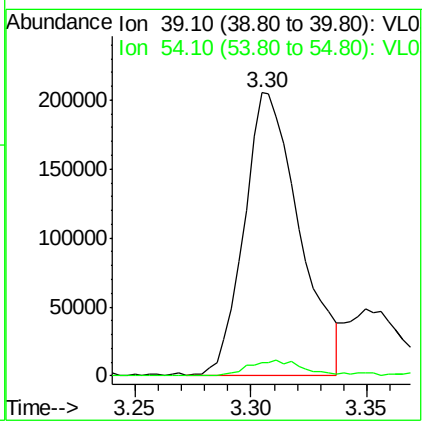


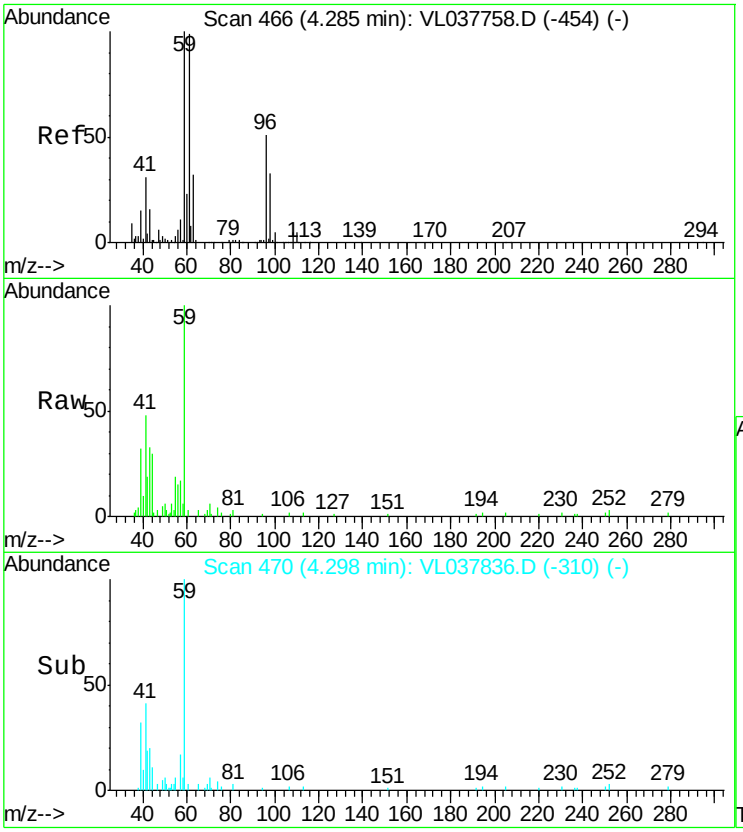


#16
1,3-Butadiene
Concen: 3.859 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.02 min
Lab File: VL037836.D
Acq: 12 Oct 2021 19:15

Tgt Ion: 39 Resp: 339625

Ion	Ratio	Lower	Upper
39	100		
54	5.6	61.7	92.5#



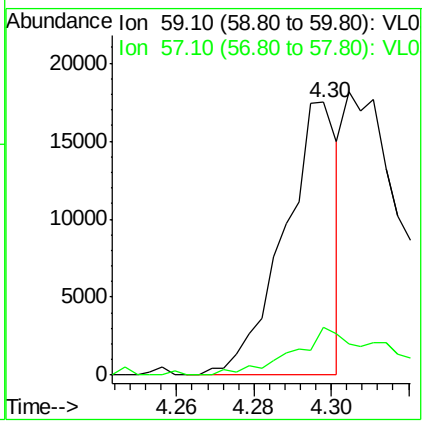


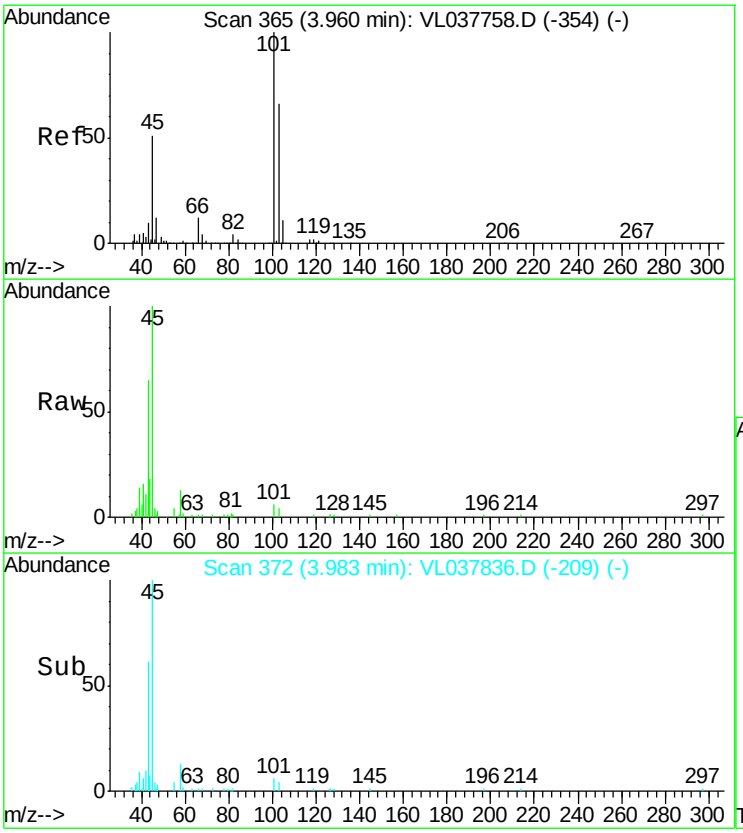
#17
tert-Butyl alcohol
Concen: 0.135 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 12 Oct 2021 19:15

Instrument :
MSVOA_L
ClientSampleId :
C0P48

Tgt Ion: 59 Resp: 16761

Ion	Ratio	Lower	Upper
59	100		
57	33.0	8.6	13.0#

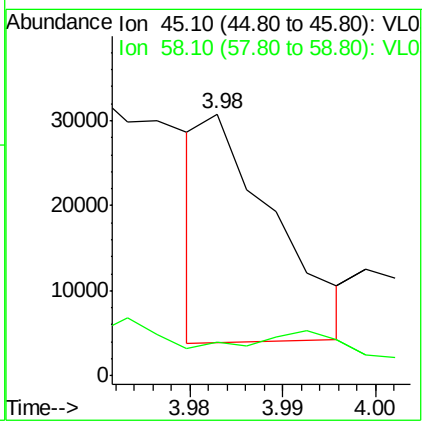


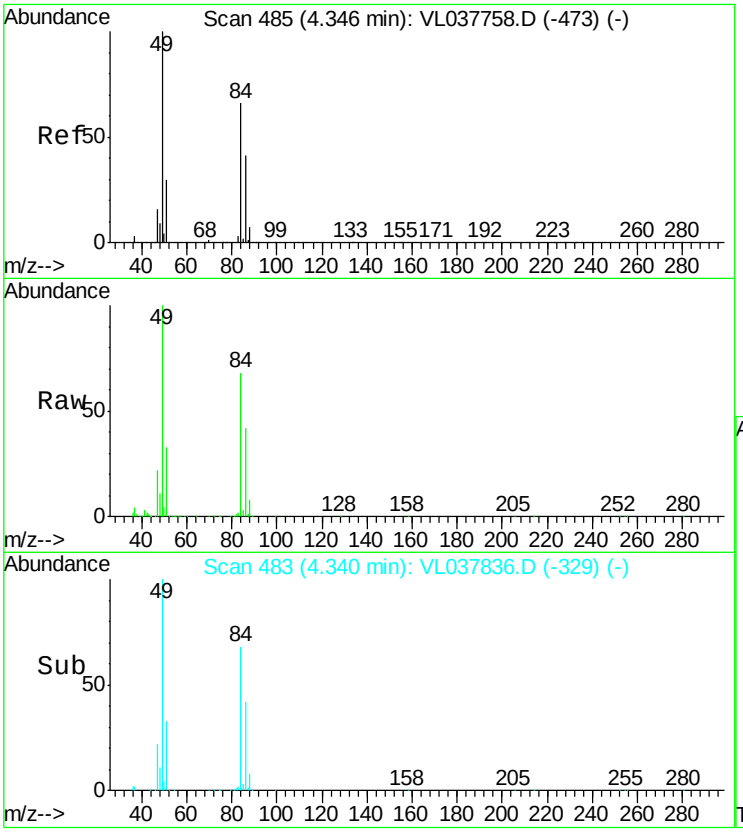


#19
Isopropyl Alcohol
Concen: 0.191 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.02 min
Lab File: VL037836.D
Acq: 12 Oct 2021 19:15

Tgt Ion: 45 Resp: 14409

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.1	1.7#



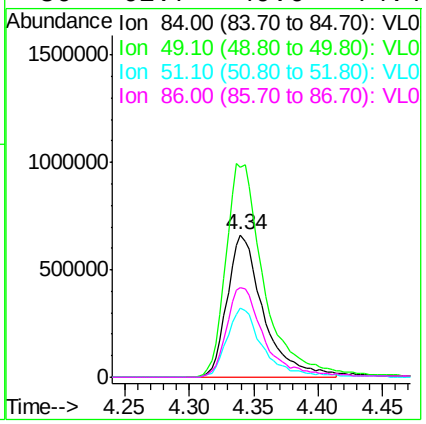


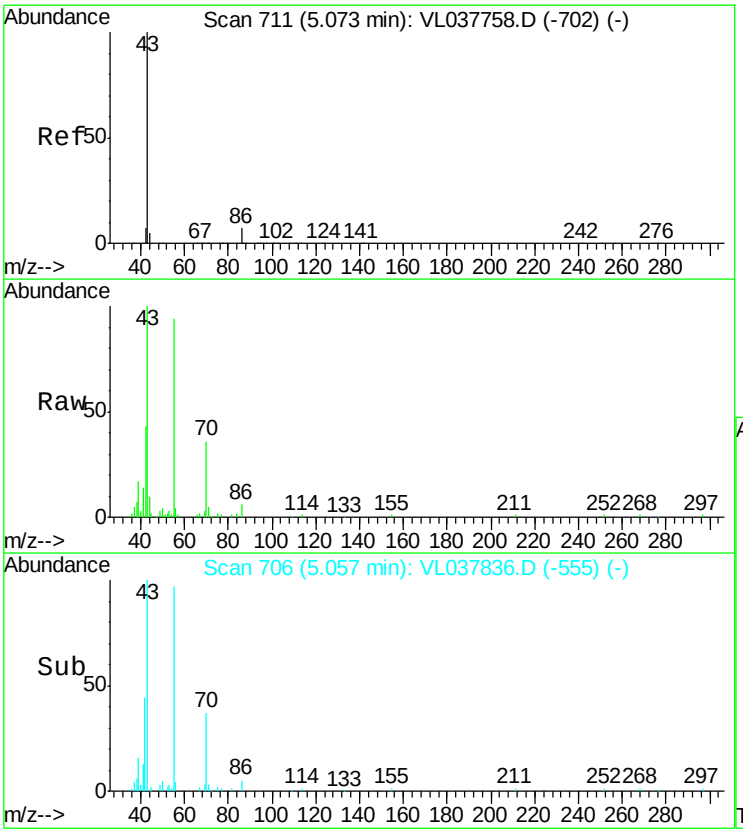
#20
Methylene Chloride
Concen: 21.228 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 12 Oct 2021 19:15

Instrument :
MSVOA_L
ClientSampleId :
C0P48

Tgt Ion: 84 Resp: 1297485

Ion	Ratio	Lower	Upper
84	100		
49	147.6	120.7	181.1
51	48.9	36.2	54.4
86	62.7	49.6	74.4

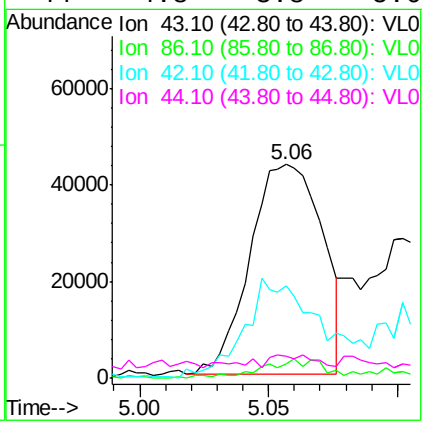


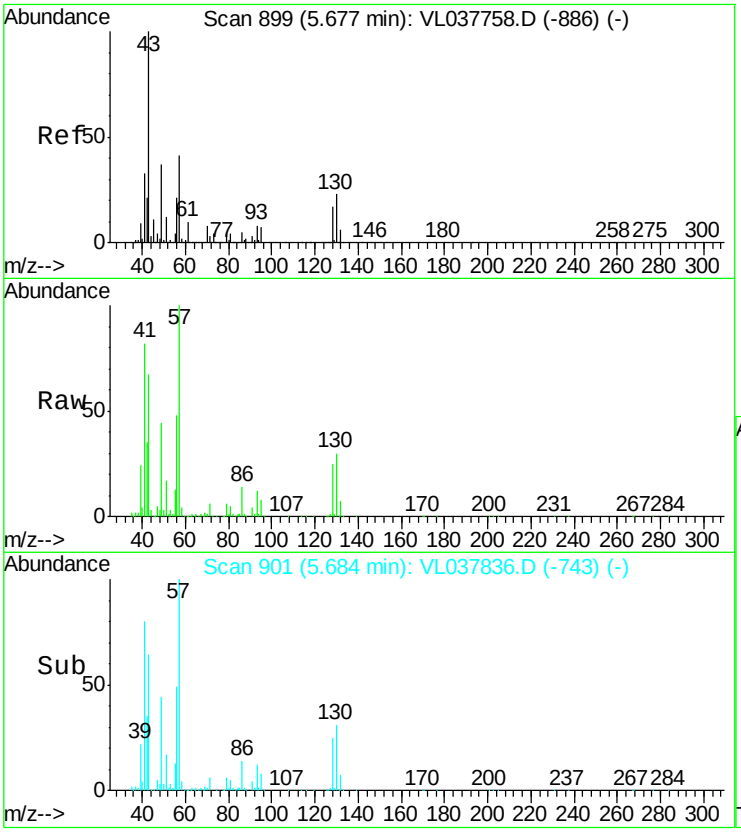


#23
Vinyl Acetate
Concen: 0.468 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.02 min
Lab File: VL037836.D
Acq: 12 Oct 2021 19:15

Tgt Ion: 43 Resp: 84910

Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.0	7.4
42	39.5	7.4	11.0#
44	4.8	3.8	5.6



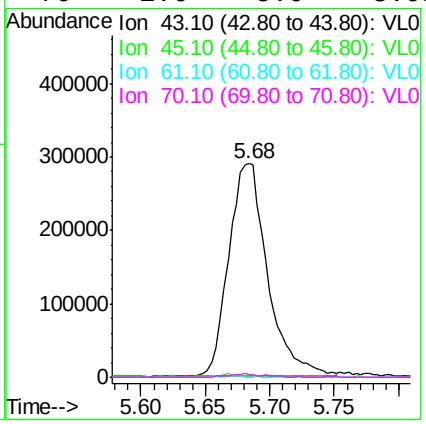


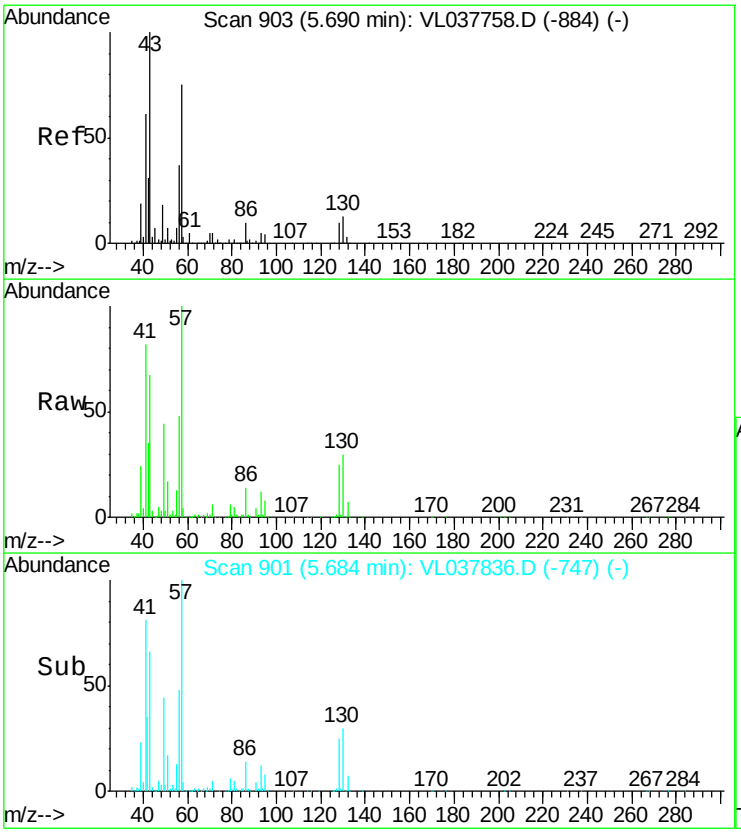
#25
Ethyl Acetate
Concen: 1.795 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 12 Oct 2021 19:15

Instrument :
MSVOA_L
ClientSampleId :
C0P48

Tgt Ion: 43 Resp: 609209

Ion	Ratio	Lower	Upper
43	100		
45	0.9	8.1	12.1#
61	0.5	7.5	11.3#
70	1.6	5.9	8.9#





#26
Hexane
Concen: 5.112 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL037836.D
Acq: 12 Oct 2021 19:15

Tgt Ion: 57 Resp: 854491

Ion	Ratio	Lower	Upper
57	100		
41	90.8	69.6	104.4
43	73.3	171.4	257.0#
56	54.2	42.0	63.0