Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
Data File : VV015283.D
Acq On : 30 Mar 2020 19:43
Operator : SY/MD
Sample : L1975-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTH5

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Quant Time: Mar 31 05:03:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 31 02:12:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	591420	50.00 ug/L	0.00
28) Chlorobenzene-d5	8.87	117	570147	50.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	254405	50.00 ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110516	25.63 ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 51.26%#		
7) Chloroethane-d5	1.58	69	119841	29.86 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 59.72%#		
11) 1,1-Dichloroethene-d2	2.12	63	179544m	19.31 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 38.62%#		
21) 2-Butanone-d5	3.93	46	257482	91.30 ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.30%		
24) Chloroform-d	4.38	84	264984	34.18 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 68.36%#		
26) 1,2-Dichloroethane-d4	5.06	65	177836	35.10 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.20%		
32) Benzene-d6	5.08	84	475743	31.96 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 63.92%#		
36) 1,2-Dichloropropane-d6	6.09	67	163091	35.04 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 70.08%		
41) Toluene-d8	7.34	98	436632	30.32 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 60.64%#		
43) trans-1,3-Dichloropropene-	7.64	79	72346	28.54 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.08%#		
47) 2-Hexanone-d5	8.11	63	222423	101.87 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.87%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	265378	38.63 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 77.26%		
64) 1,2-Dichlorobenzene-d4	11.65	152	178477	35.25 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 70.50%#		

Target Compounds					Qvalue
5) Vinyl chloride	1.32	62	299396	60.061 ug/L	99
13) Acetone	2.21	43	45926	23.865 ug/L	81
19) 1,1-Dichloroethane	3.22	63	6469	0.947 ug/L	93
20) cis-1,2-Dichloroethene	3.95	96	7449	1.808 ug/L #	92
22) 2-Butanone	4.01	43	106910	38.110 ug/L	94

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

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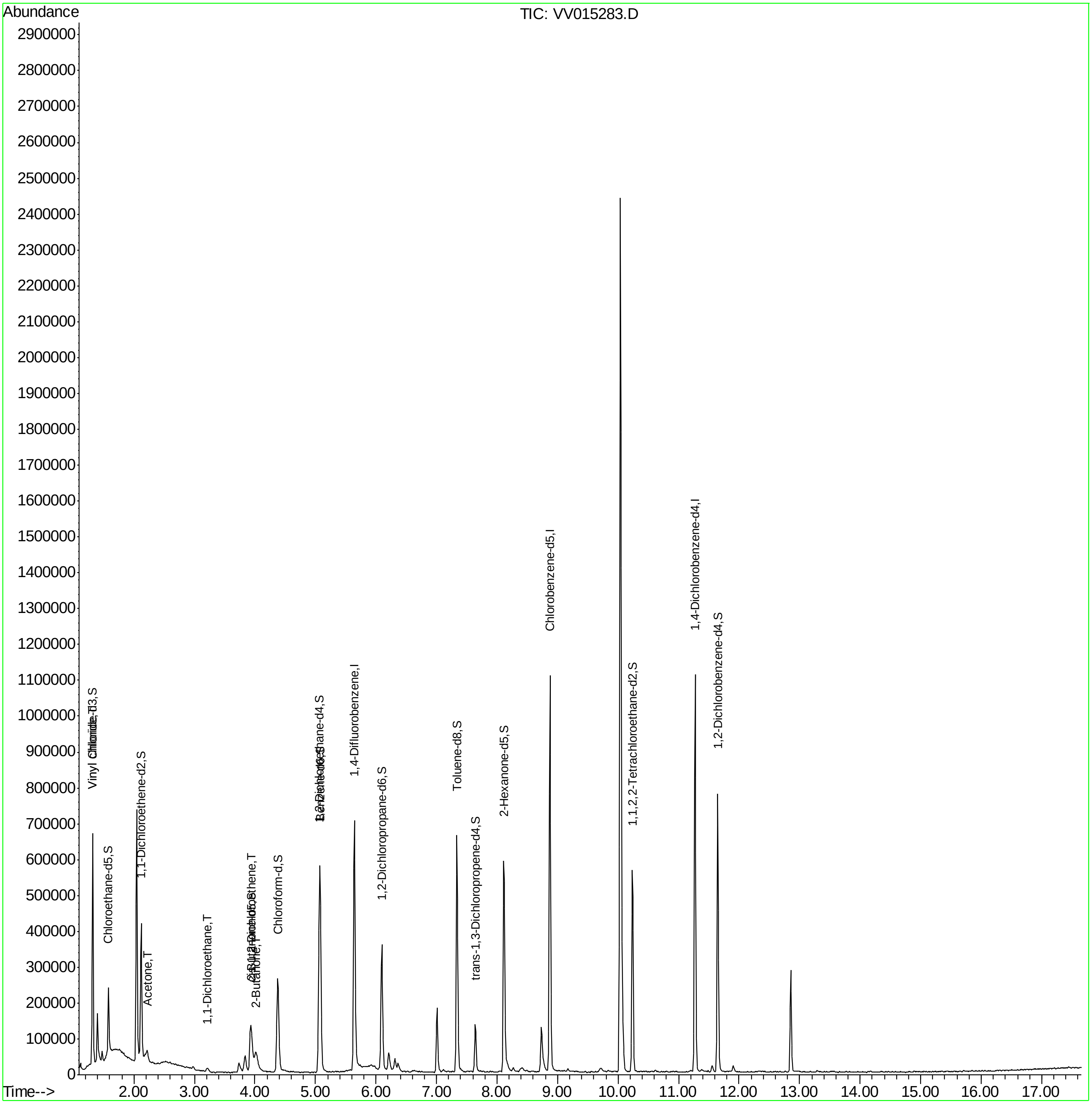

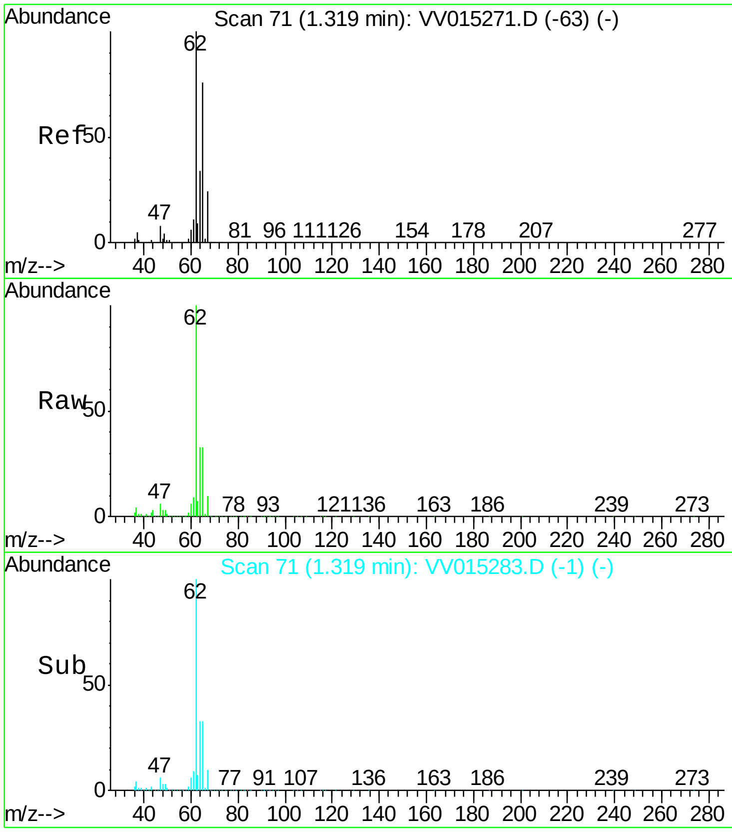

#5
Vinyl chloride
Concen: 60.061 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV015283.D
Acq: 30 Mar 2020 19:43

Instrument :
MSVOA_V
ClientSampleId :
ETTH5

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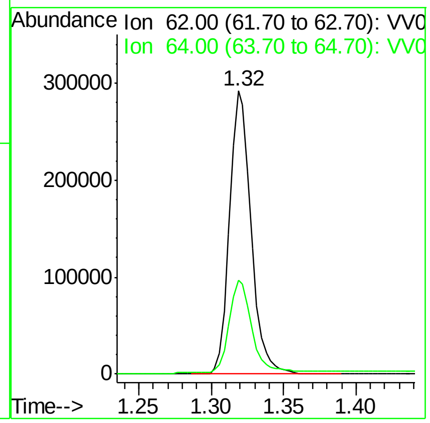
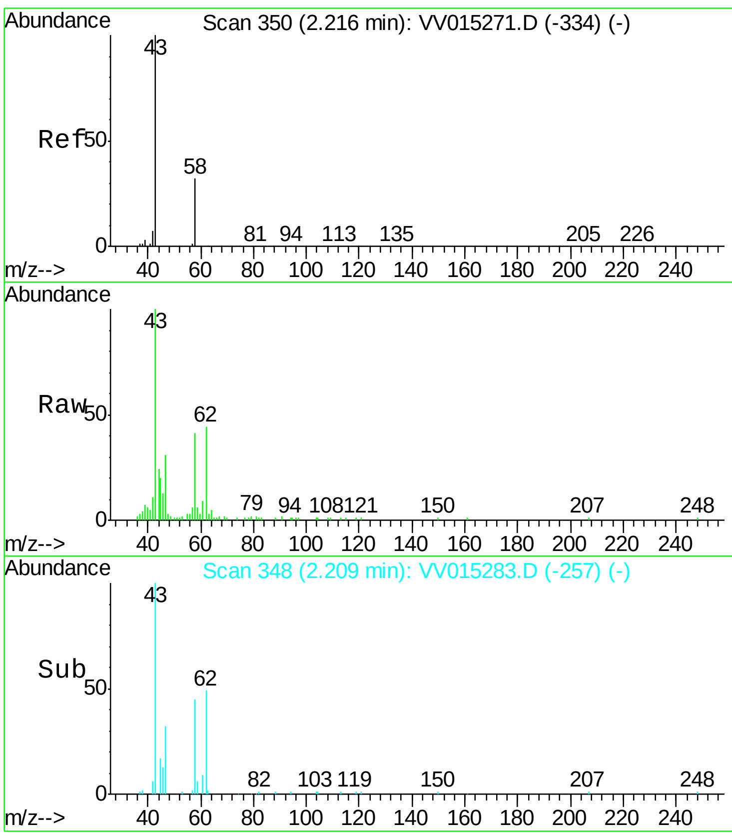
Tgt Ion: 62 Resp: 299396

Ion	Ratio	Lower	Upper
62	100		
64	33.3	23.9	44.3

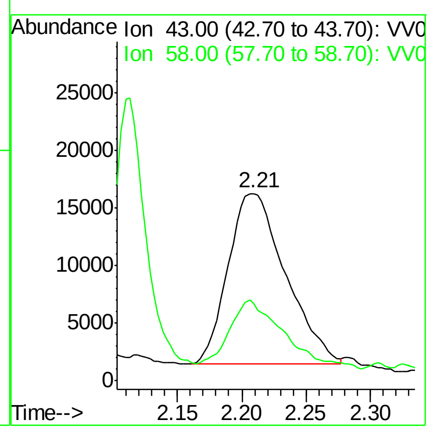


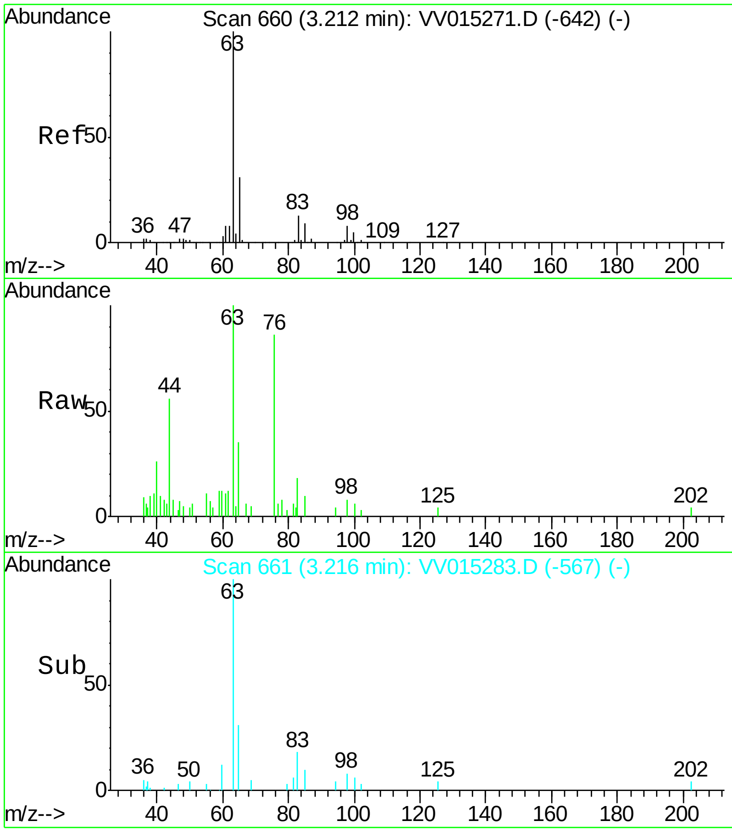


#13
Acetone
Concen: 23.865 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.01 min
Lab File: VV015283.D
Acq: 30 Mar 2020 19:43

Tgt Ion: 43 Resp: 45926

Ion	Ratio	Lower	Upper
43	100		
58	42.4	0.0	63.6





#19
1,1-Dichloroethane
Concen: 0.947 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.00 min
Lab File: VV015283.D
Acq: 30 Mar 2020 19:43

Instrument :
MSVOA_V
ClientSampleId :
ETTH5

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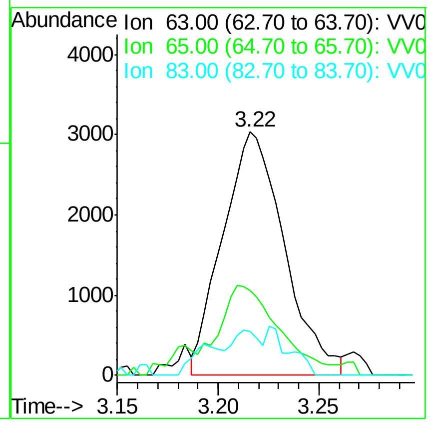
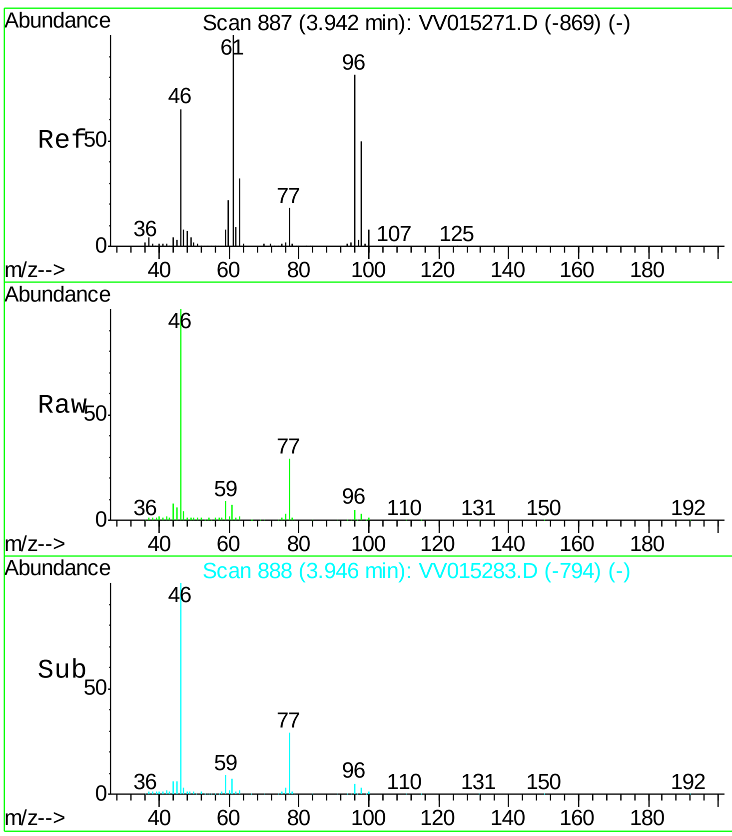
Tgt Ion: 63 Resp: 6469

Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.2	41.2
83	17.8	9.7	18.1

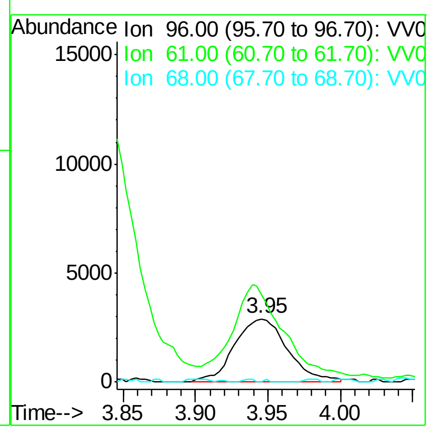


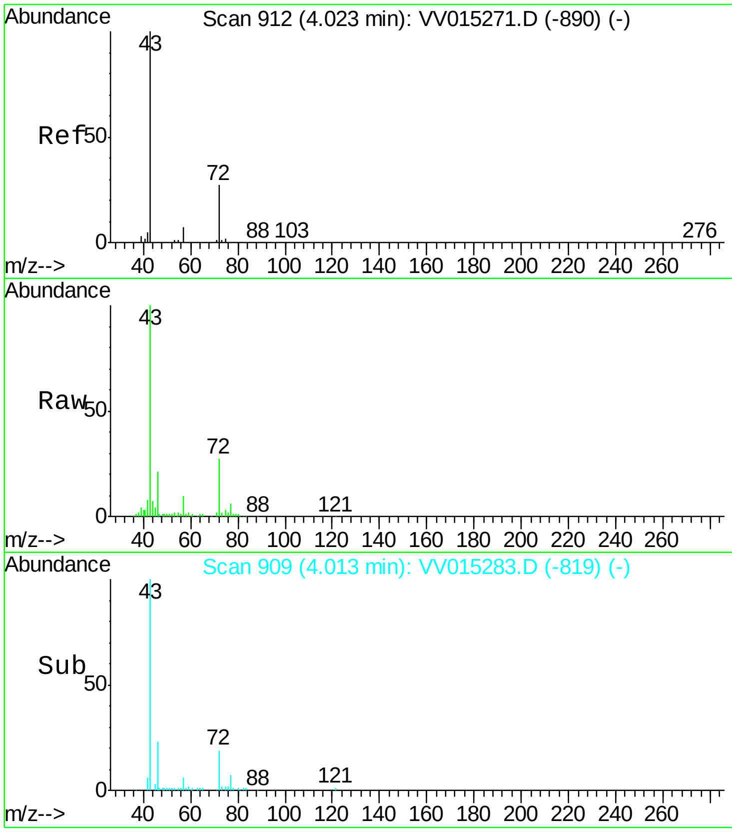


#20
cis-1,2-Dichloroethene
Concen: 1.808 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.00 min
Lab File: VV015283.D
Acq: 30 Mar 2020 19:43

Tgt Ion: 96 Resp: 7449

Ion	Ratio	Lower	Upper
96	100		
61	137.8	90.2	167.6
68	0.0	0.1	0.1#





#22
2-Butanone
Concen: 38.110 ug/L
RT: 4.01 min Scan# 909
Delta R.T. -0.01 min
Lab File: VV015283.D
Acq: 30 Mar 2020 19:43

Tgt Ion: 43 Resp: 106910

Ion	Ratio	Lower	Upper
43	100		
72	21.7	12.4	37.0

Instrument :
MSVOA_V
ClientSampleId :
ETTH5

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