Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

Quantitation Report (Not Reviewed)

Data File : VV009969.D
Acq On : 28 Mar 2019 16:46
Operator : SY/MD
Sample : K2101-19
Misc : 6.13G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0K8RE

Quant Time: Mar 29 02:24:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	139210	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119109	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28163	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	66668	23.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.40%			
7) Chloroethane-d5	1.56	69	82538	27.05	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.20%			
10) 1,1-Dichloroethene-d2	2.12	63	147904	19.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.56%			
20) 2-Butanone-d5	3.93	46	30484	57.91	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.82%			
24) Chloroform-d	4.40	84	92367	26.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.16%			
26) 1,2-Dichloroethane-d4	5.08	65	67430	31.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 126.36%			
29) Benzene-d6	5.10	84	216685	34.64	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 138.56%#			
33) 1,2-Dichloropropane-d6	6.12	67	67678	36.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 147.92%#			
37) Toluene-d8	7.36	98	183863	31.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 124.20%			
38) trans-1,3-Dichloropropene-	7.66	79	17322	23.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.56%			
39) 2-Hexanone-d5	8.13	63	19094	55.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.80%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48069	26.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.12%			
61) 1,2-Dichlorobenzene-d4	11.68	152	31020	28.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 115.72%			
Target Compounds						Qvalue
13) Acetone	2.19	43	46359	58.166	ug/L	94
14) Carbon disulfide	2.31	76	3682	0.799	ug/L #	93
16) Methylene chloride	2.53	84	16378	7.144	ug/L	91
21) 2-Butanone	4.02	43	14241	20.063	ug/L #	73
25) Chloroform	4.42	83	17465	4.735	ug/L	90
35) Trichloroethene	5.66	95	4064	2.356	ug/L #	5
45) trans-1,3-Dichloropropene	7.67	75	1024	0.525	ug/L #	47
59) 1,2,3-Trichloropropane	11.30	75	4357	3.313	ug/L	96

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

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Quant Time: Mar 29 02:24:03 2019
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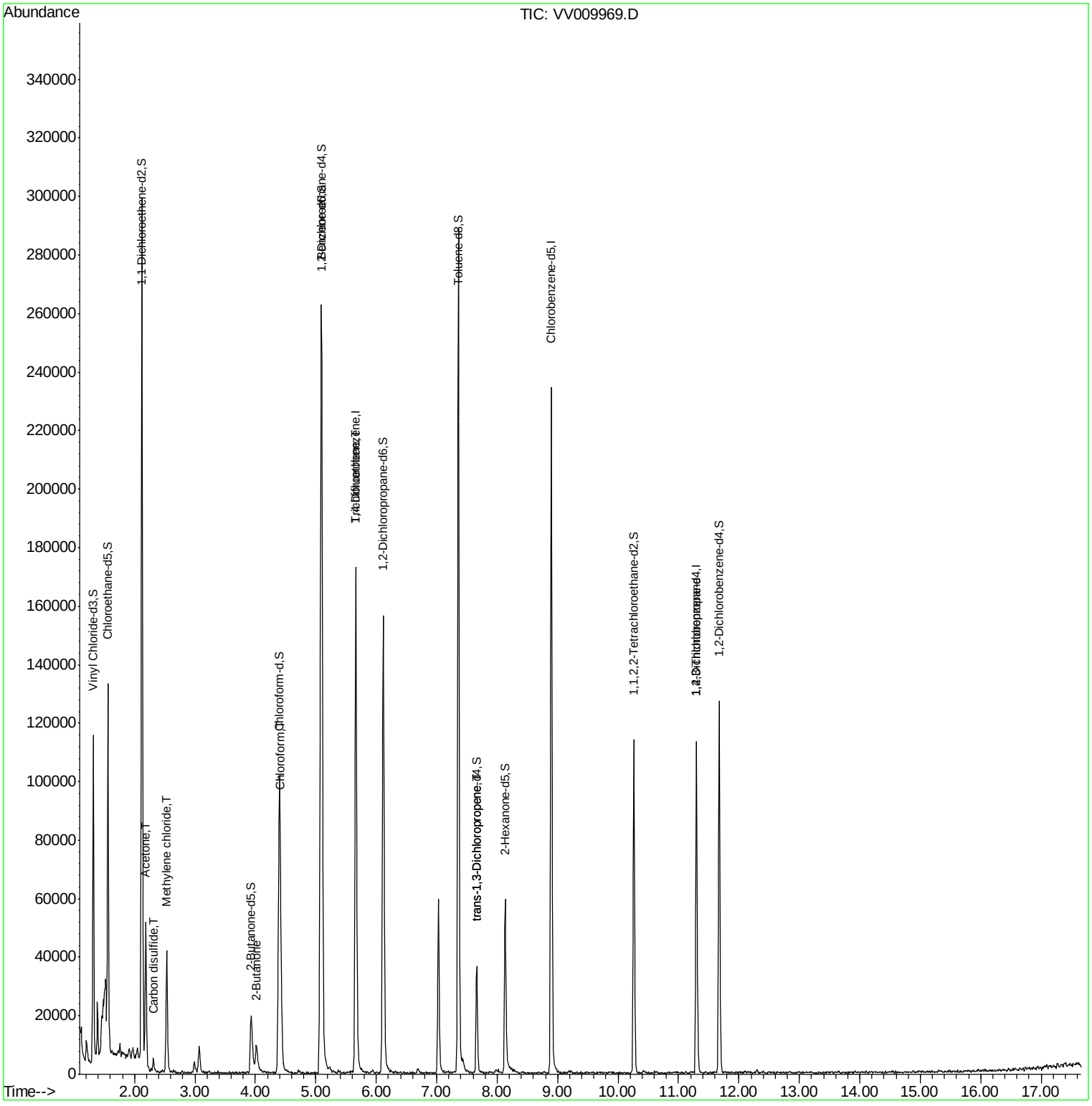
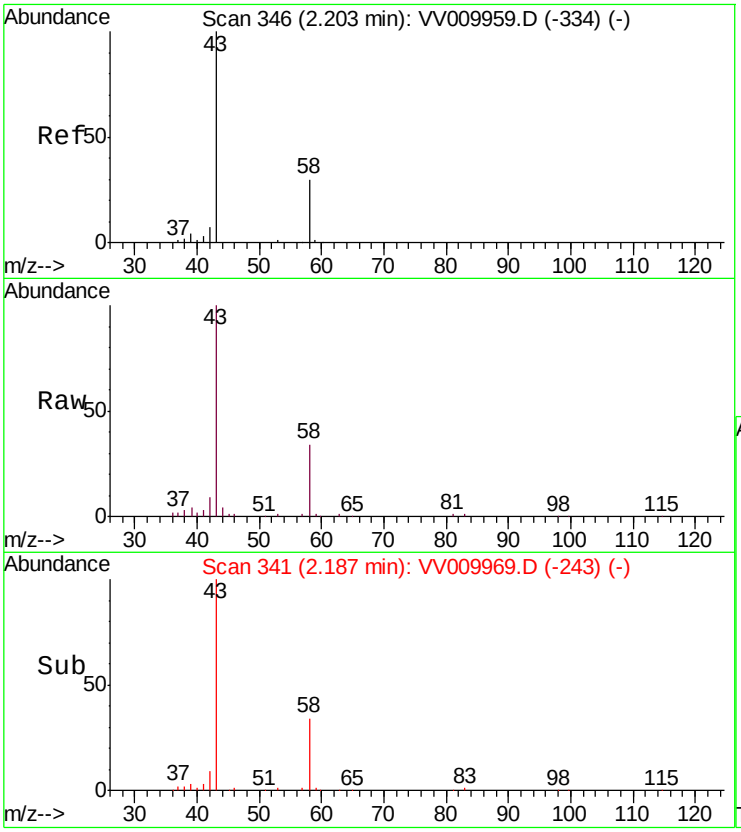
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration



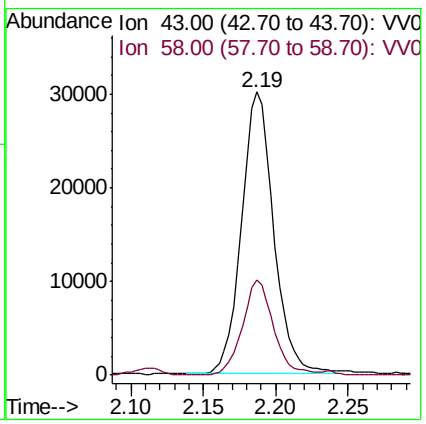


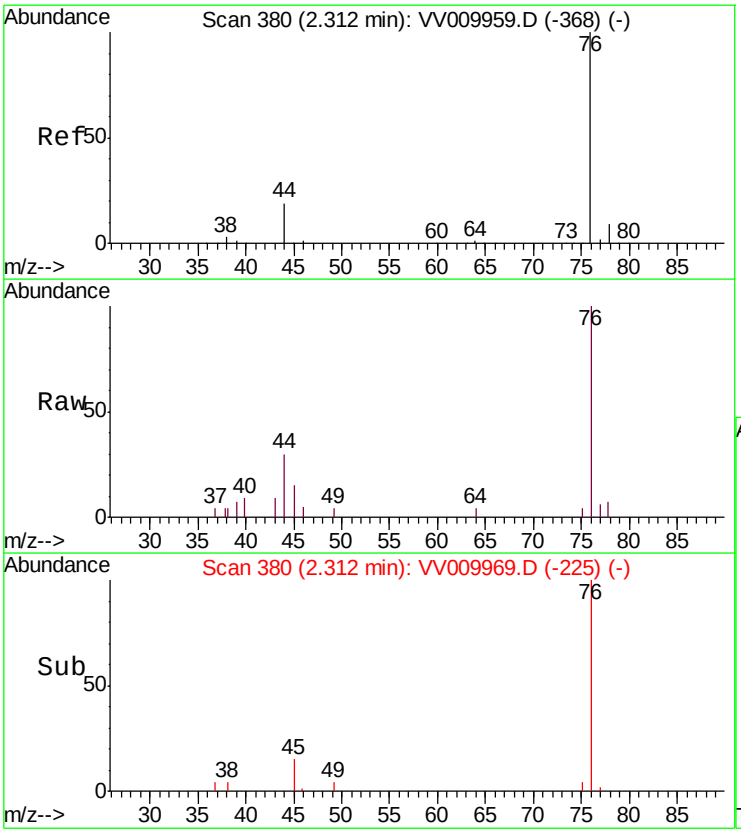
#13
Acetone
Concen: 58.166 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV009969.D
Acq: 28 Mar 2019 16:46

Instrument :
MSVOA_V
ClientSampleId :
BF0K8RE

Tgt Ion: 43 Resp: 46359

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	59.4

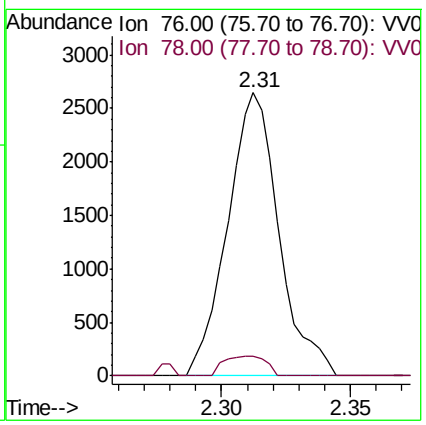


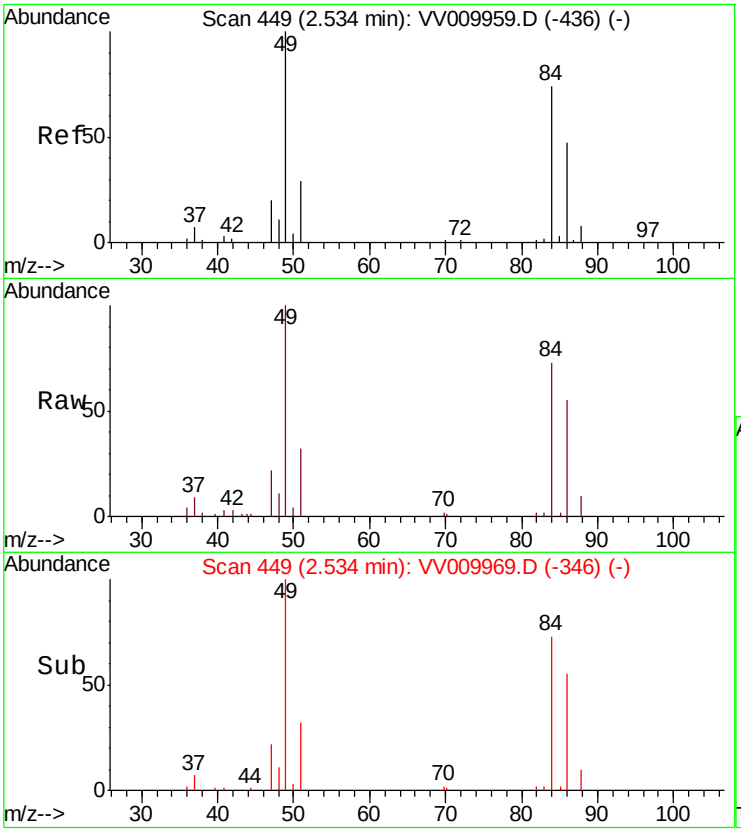


#14
Carbon disulfide
Concen: 0.799 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV009969.D
Acq: 28 Mar 2019 16:46

Tgt Ion: 76 Resp: 3682

Ion	Ratio	Lower	Upper
76	100		
78	6.9	7.5	11.3#



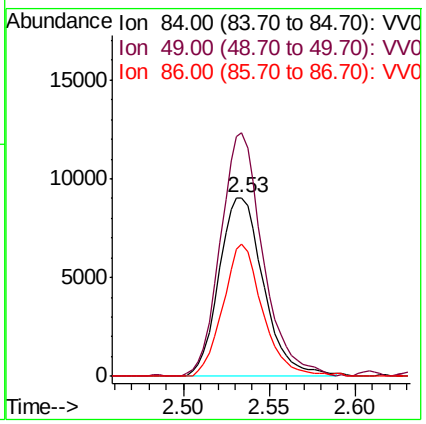


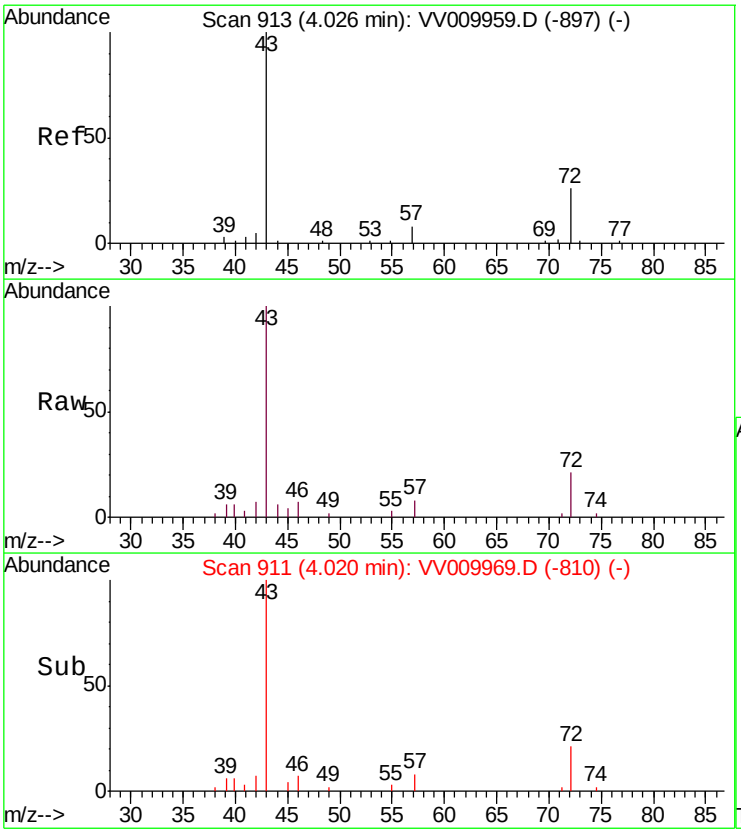
#16
Methylene chloride
Concen: 7.144 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009969.D
Acq: 28 Mar 2019 16:46

Instrument :
MSVOA_V
ClientSampleId :
BF0K8RE

Tgt Ion: 84 Resp: 16378

Ion	Ratio	Lower	Upper
84	100		
49	136.1	90.4	167.8
86	74.2	44.0	81.6

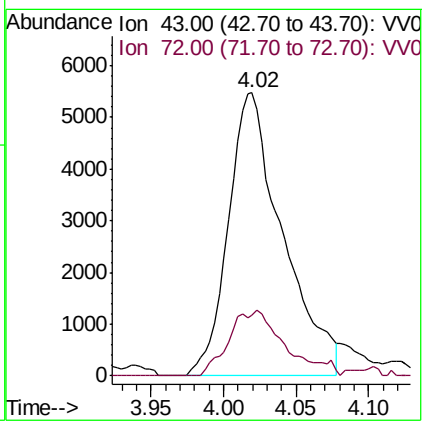


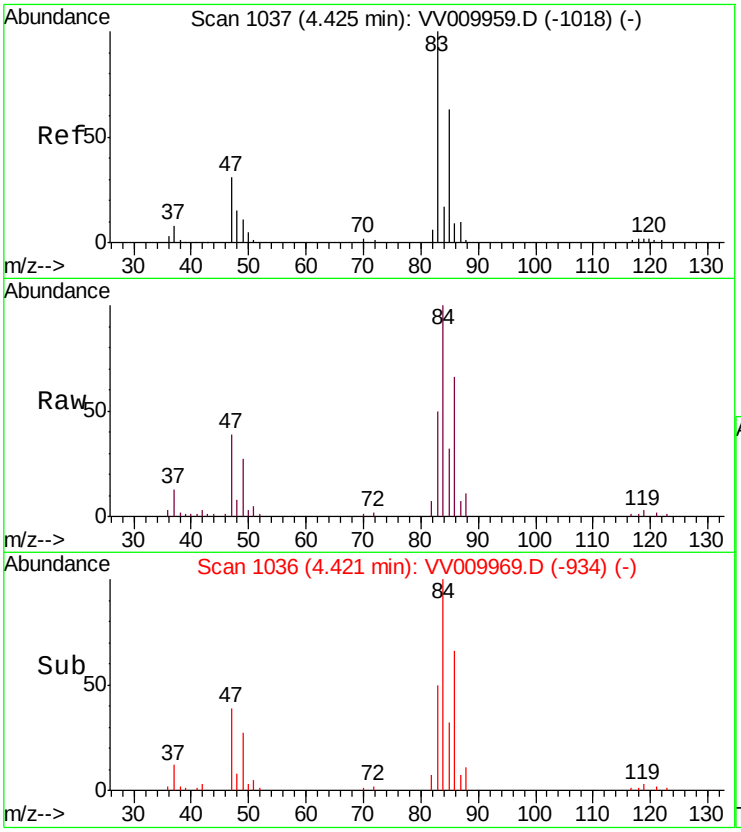


#21
2-Butanone
Concen: 20.063 ug/L
RT: 4.02 min Scan# 911
Delta R.T. -0.01 min
Lab File: VV009969.D
Acq: 28 Mar 2019 16:46

Tgt Ion: 43 Resp: 14241

Ion	Ratio	Lower	Upper
43	100		
72	9.0	11.1	33.1#



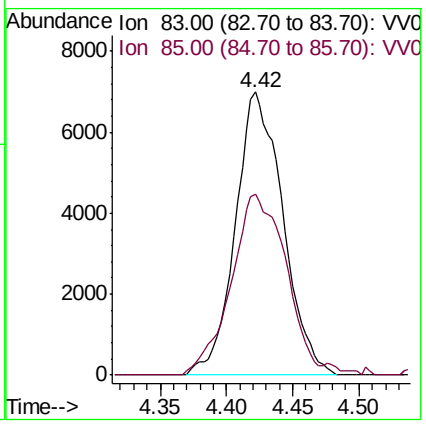


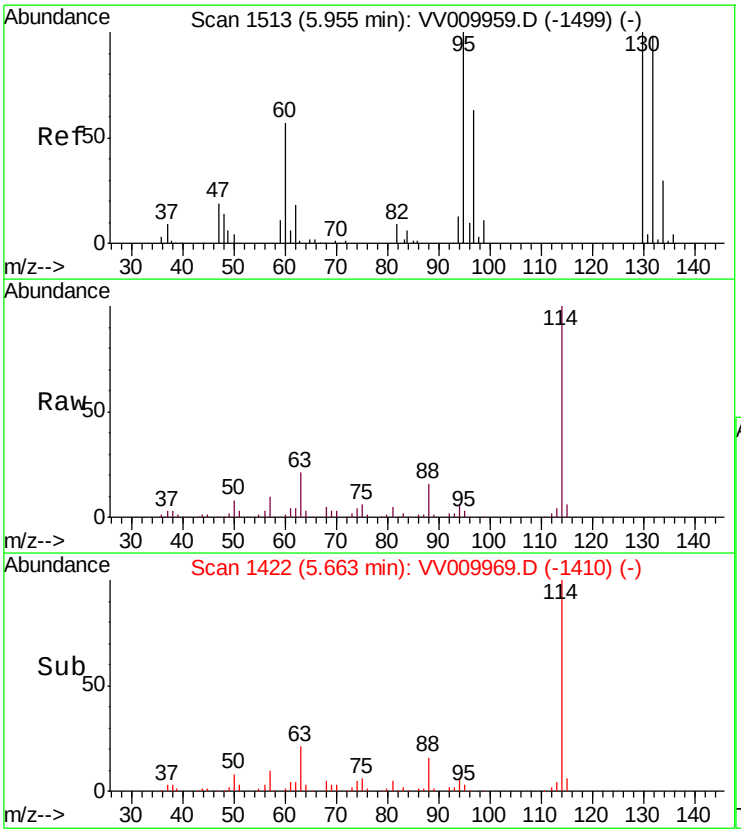
#25
Chloroform
Concen: 4.735 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV009969.D
Acq: 28 Mar 2019 16:46

Instrument :
MSVOA_V
ClientSampleId :
BF0K8RE

Tgt Ion: 83 Resp: 17465

Ion	Ratio	Lower	Upper
83	100		
85	73.5	46.1	85.7

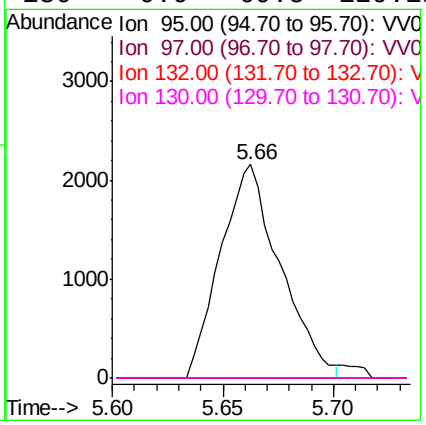


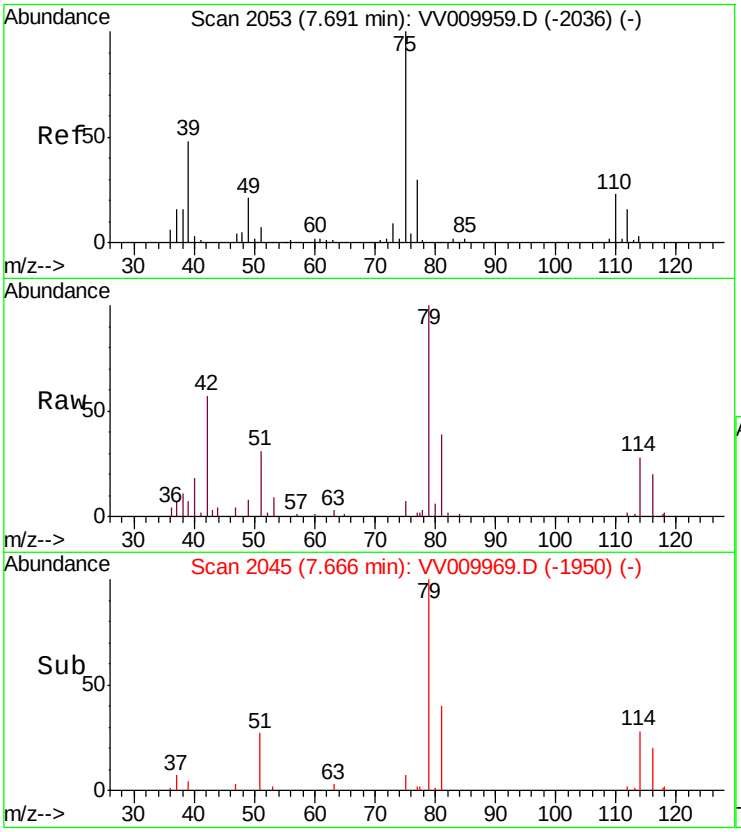


#35
Trichloroethene
Concen: 2.356 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV009969.D
Acq: 28 Mar 2019 16:46

Tgt Ion: 95 Resp: 4064

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.3	85.9#
132	0.0	69.3	128.7#
130	0.0	69.5	129.1#



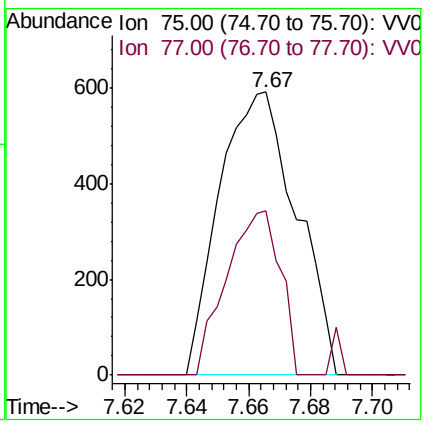


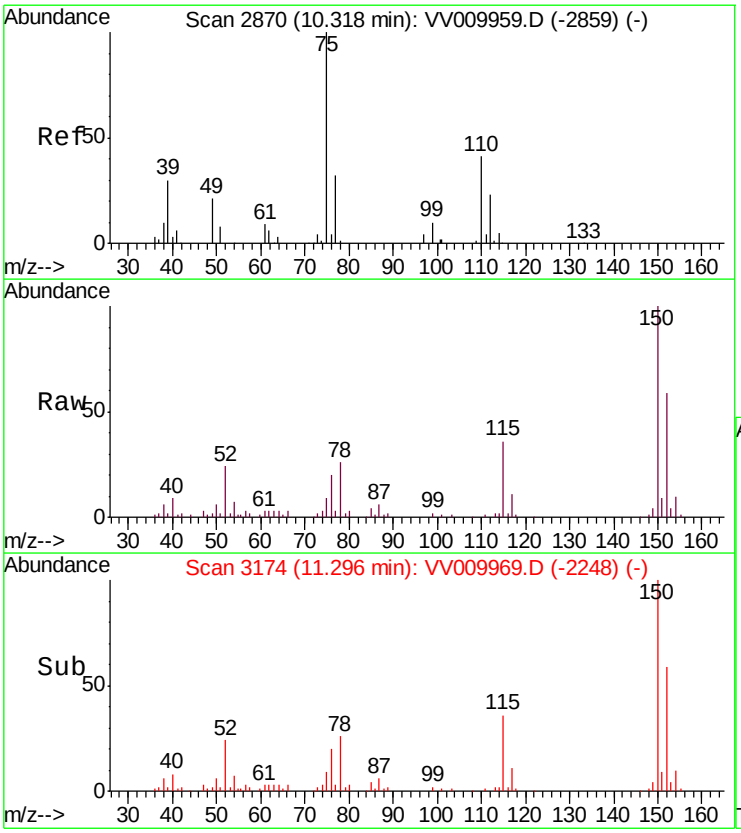
#45
trans-1,3-Dichloropropene
Concen: 0.525 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009969.D
Acq: 28 Mar 2019 16:46

Instrument :
MSVOA_V
ClientSampleId :
BF0K8RE

Tgt Ion: 75 Resp: 1024

Ion	Ratio	Lower	Upper
75	100		
77	58.1	20.7	38.5#





#59
1,2,3-Trichloropropane
Concen: 3.313 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009969.D
Acq: 28 Mar 2019 16:46

Tgt Ion: 75 Resp: 4357

Ion	Ratio	Lower	Upper
75	100		
77	35.2	26.2	39.2