Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\

Quantitation Report (Not Reviewed)

Data File : VV011119.D
Acq On : 29 May 2019 22:49
Operator : SY/MD
Sample : KK3017-09
Misc : 2.75G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51E2

Quant Time: May 30 04:52:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	302035	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	184133	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35624	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	106844	25.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.20%			
7) Chloroethane-d5	1.56	69	85098	28.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.16%			
10) 1,1-Dichloroethene-d2	2.12	63	161036	20.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.64%			
20) 2-Butanone-d5	3.94	46	77970	54.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.26%			
24) Chloroform-d	4.40	84	196706	26.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.44%			
26) 1,2-Dichloroethane-d4	5.08	65	117266	25.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.16%			
29) Benzene-d6	5.09	84	395358	36.67	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 146.68%#			
33) 1,2-Dichloropropane-d6	6.12	67	127294	37.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 148.44%#			
37) Toluene-d8	7.36	98	295304	29.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 118.84%			
38) trans-1,3-Dichloropropene-	7.66	79	44445	27.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.24%			
39) 2-Hexanone-d5	8.13	63	56501	75.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 151.22%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62419	21.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.64%			
61) 1,2-Dichlorobenzene-d4	11.67	152	28424	20.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.72%			

Target Compounds						Qvalue
6) Bromomethane	1.51	94	1485	0.769	ug/L	98
13) Acetone	2.19	43	150495	93.080	ug/L	99
15) Methyl Acetate	2.45	43	74419	31.888	ug/L #	100
21) 2-Butanone	4.03	43	11912	5.982	ug/L	79
25) Chloroform	4.42	83	30148	3.540	ug/L	91
36) Methylcyclohexane	6.12	83	29258	5.831	ug/L #	15
42) cis-1,3-Dichloropropene	7.03	75	3699	0.780	ug/L #	75
44) Toluene	7.43	91	12942	1.069	ug/L	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\

Quantitation Report (Not Reviewed)

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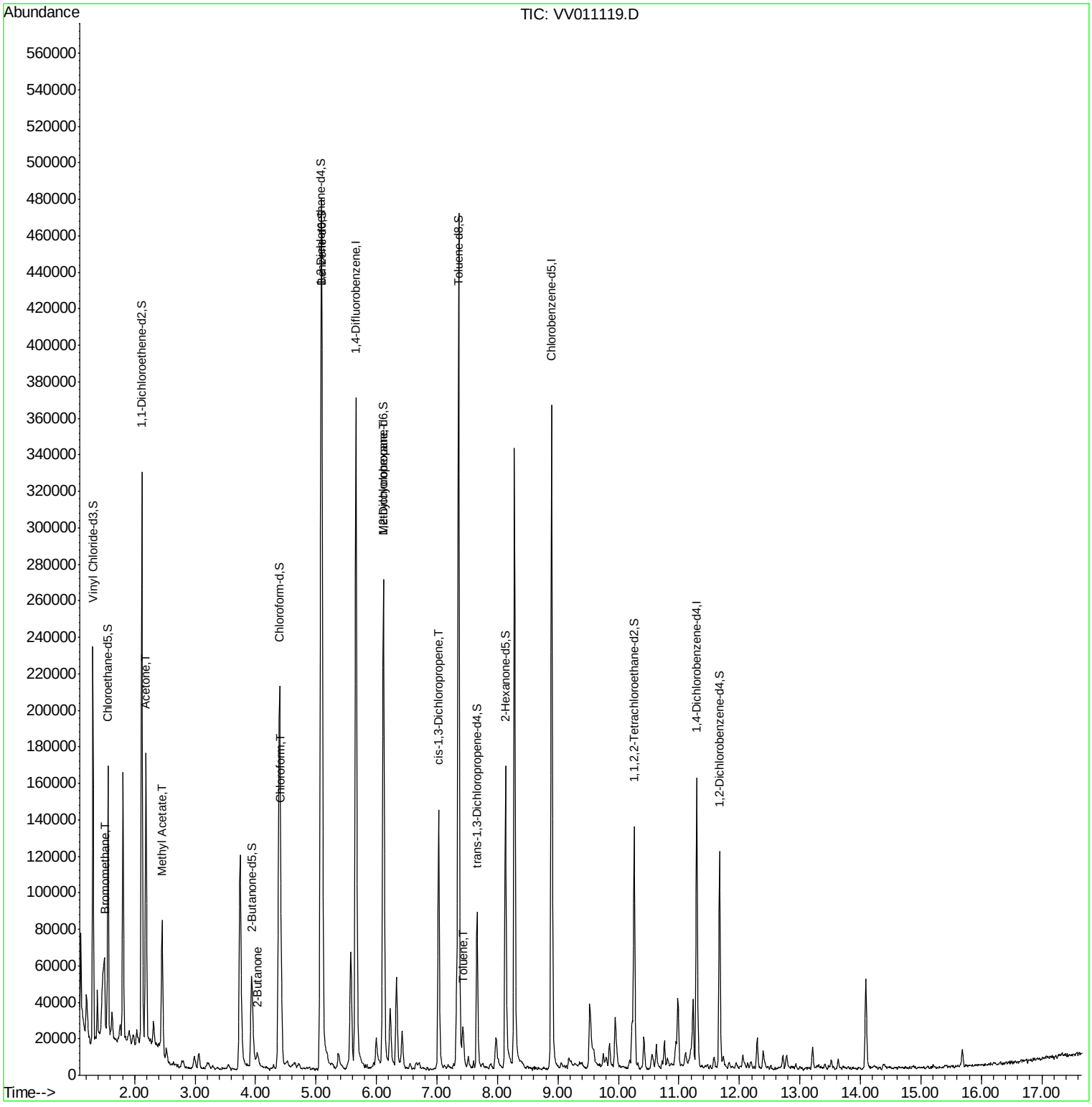
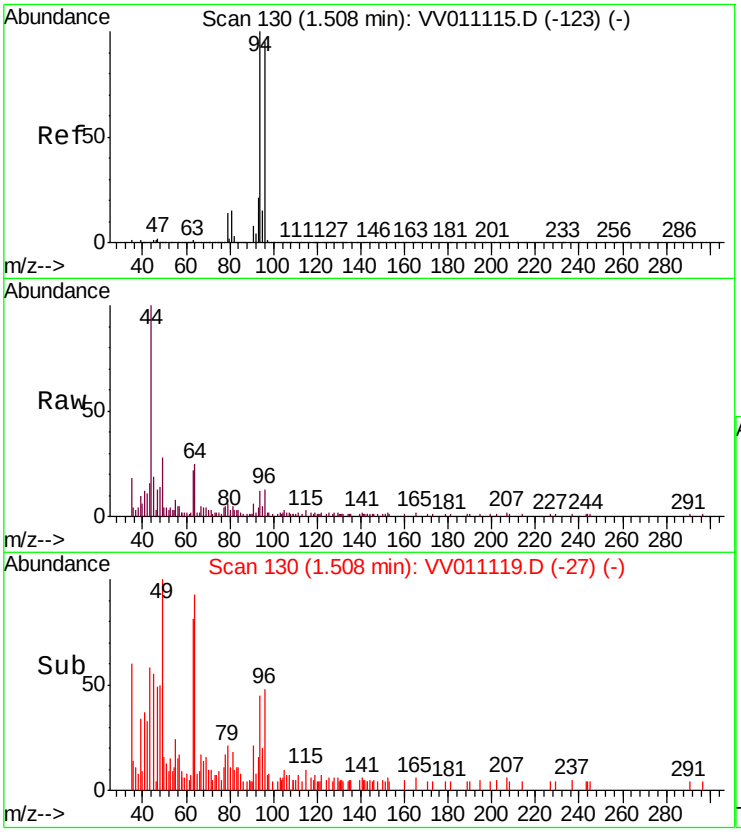
Instrument :
MSVOA_V
ClientSampleId :
A51E2

Quant Time: May 30 04:52:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration



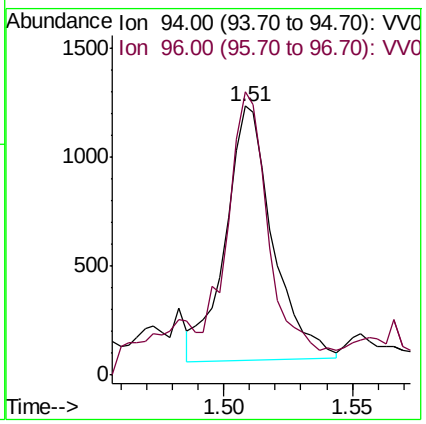


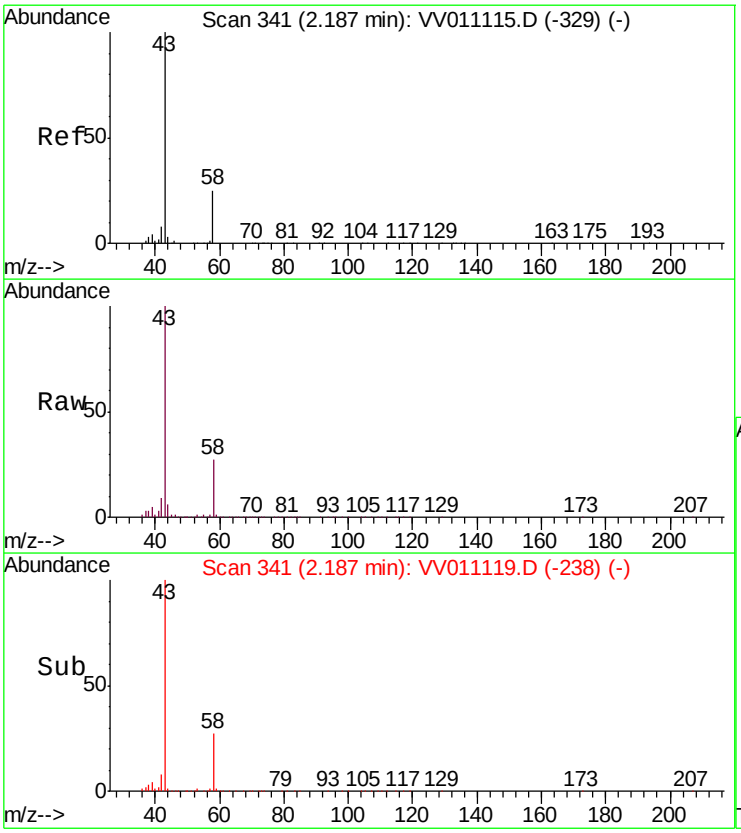
#6
Bromomethane
Concen: 0.769 ug/L
RT: 1.51 min Scan# 130
Delta R.T. -0.00 min
Lab File: VV011119.D
Acq: 29 May 2019 22:49

Instrument :
MSVOA_V
ClientSampleId :
A51E2

Tgt Ion: 94 Resp: 1485

Ion	Ratio	Lower	Upper
94	100		
96	93.0	9.5	179.7

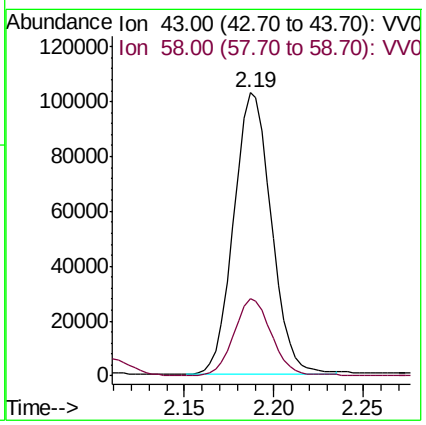


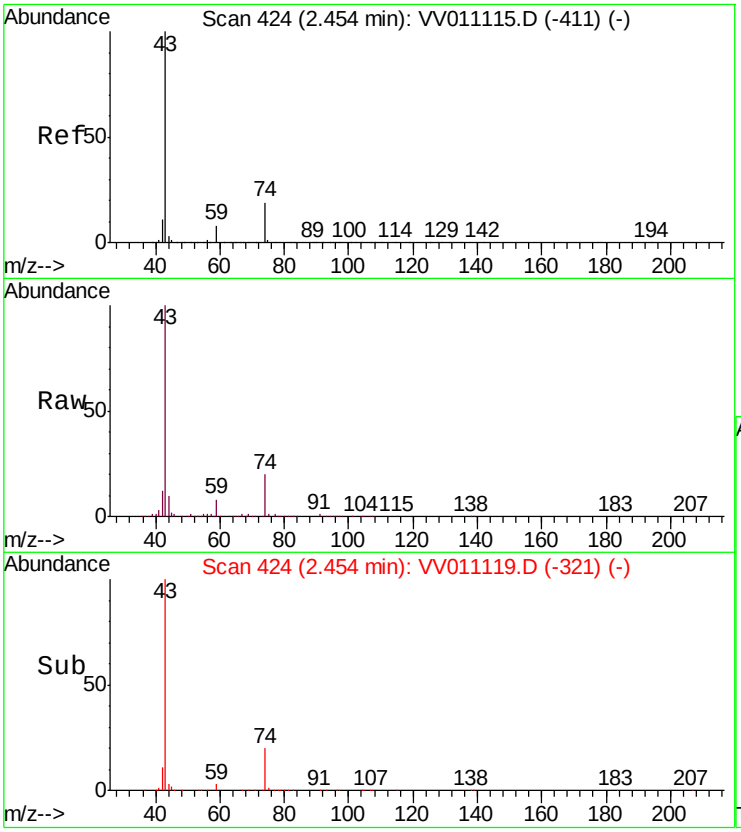


#13
Acetone
Concen: 93.080 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV011119.D
Acq: 29 May 2019 22:49

Tgt Ion: 43 Resp: 150495

Ion	Ratio	Lower	Upper
43	100		
58	26.9	0.0	54.8



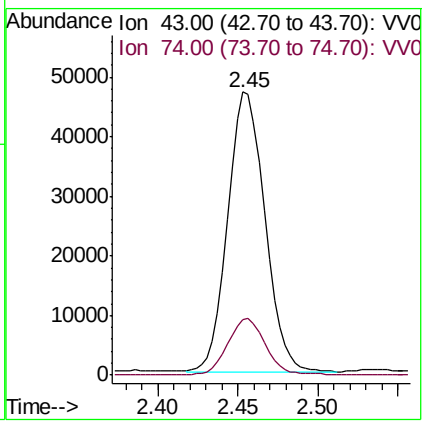


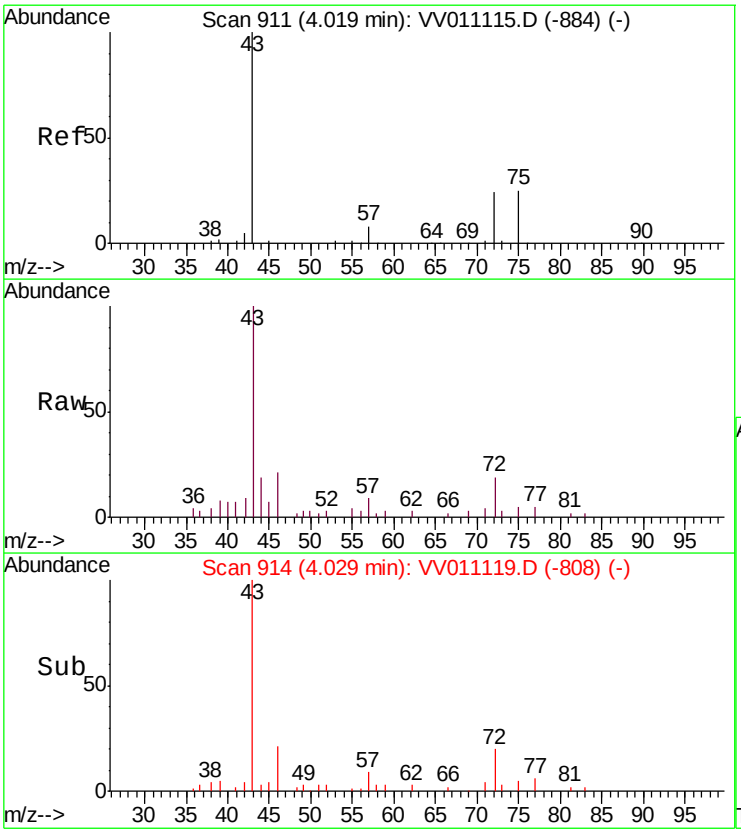
#15
Methyl Acetate
Concen: 31.888 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.00 min
Lab File: VV011119.D
Acq: 29 May 2019 22:49

Instrument :
MSVOA_V
ClientSampleId :
A51E2

Tgt Ion: 43 Resp: 74419

Ion	Ratio	Lower	Upper
43	100		
74	20.5	0.0	0.0#

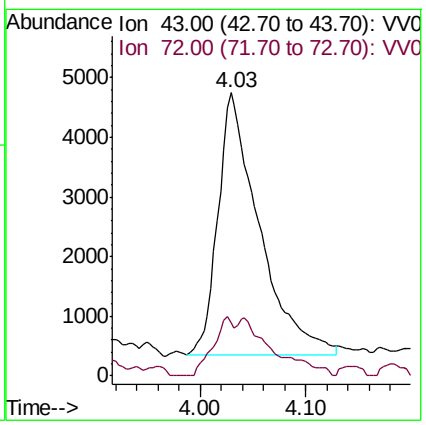


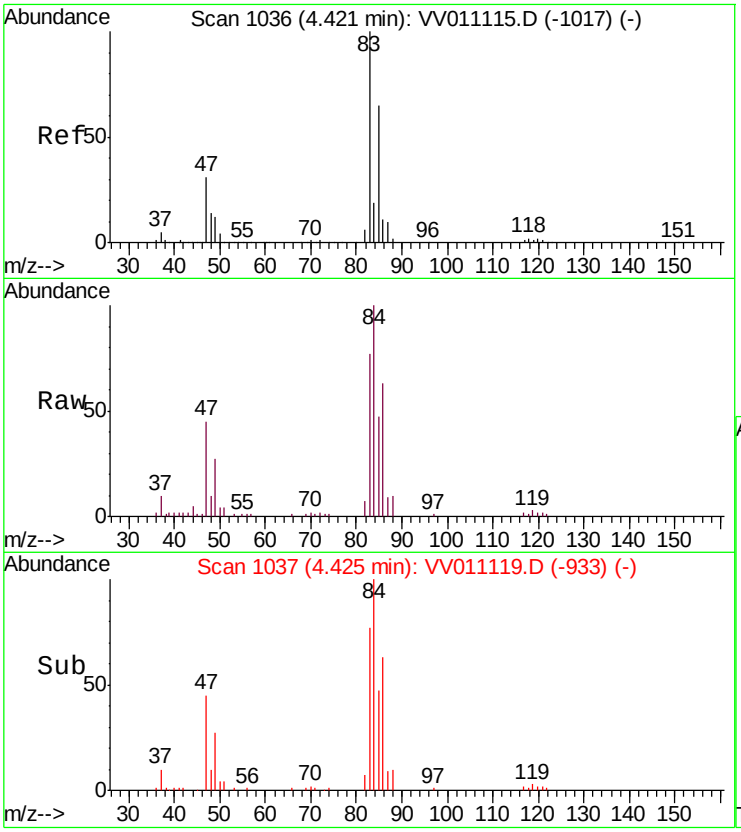


#21
2-Butanone
Concen: 5.982 ug/L
RT: 4.03 min Scan# 914
Delta R.T. 0.01 min
Lab File: VV011119.D
Acq: 29 May 2019 22:49

Tgt Ion: 43 Resp: 11912

Ion	Ratio	Lower	Upper
43	100		
72	11.2	10.7	31.9



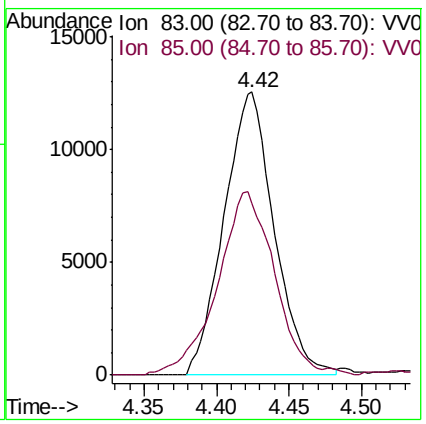


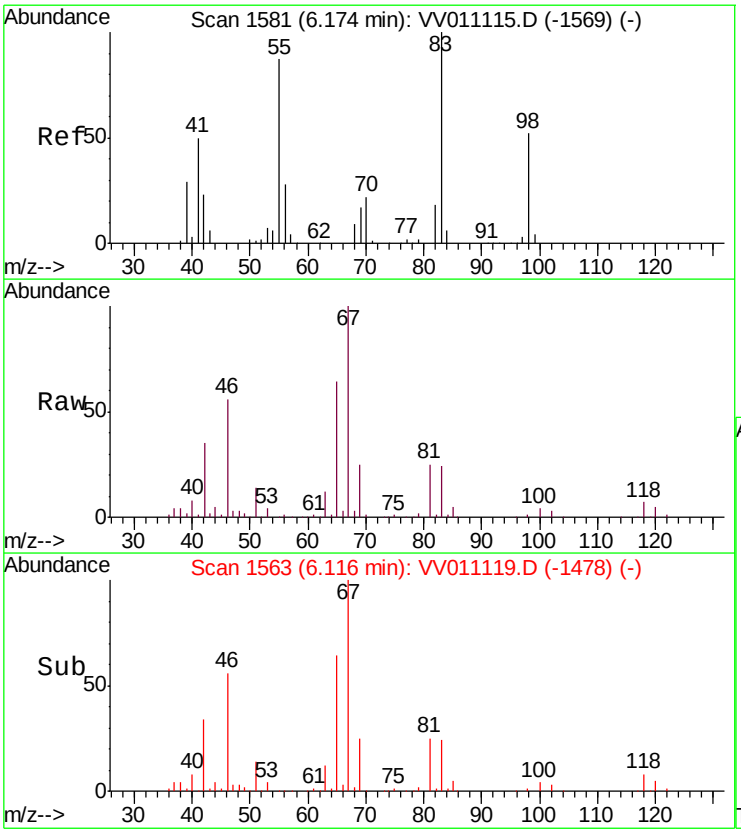
#25
Chloroform
Concen: 3.540 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011119.D
Acq: 29 May 2019 22:49

Instrument :
MSVOA_V
ClientSampleId :
A51E2

Tgt Ion: 83 Resp: 30148

Ion	Ratio	Lower	Upper
83	100		
85	73.2	46.2	85.8

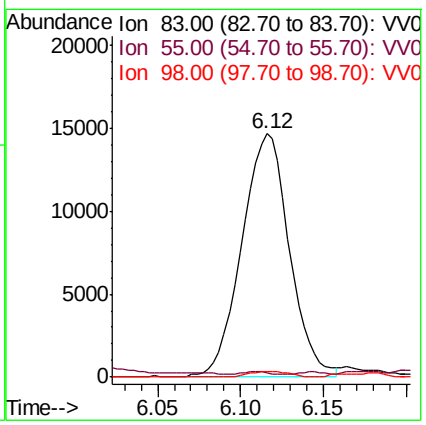


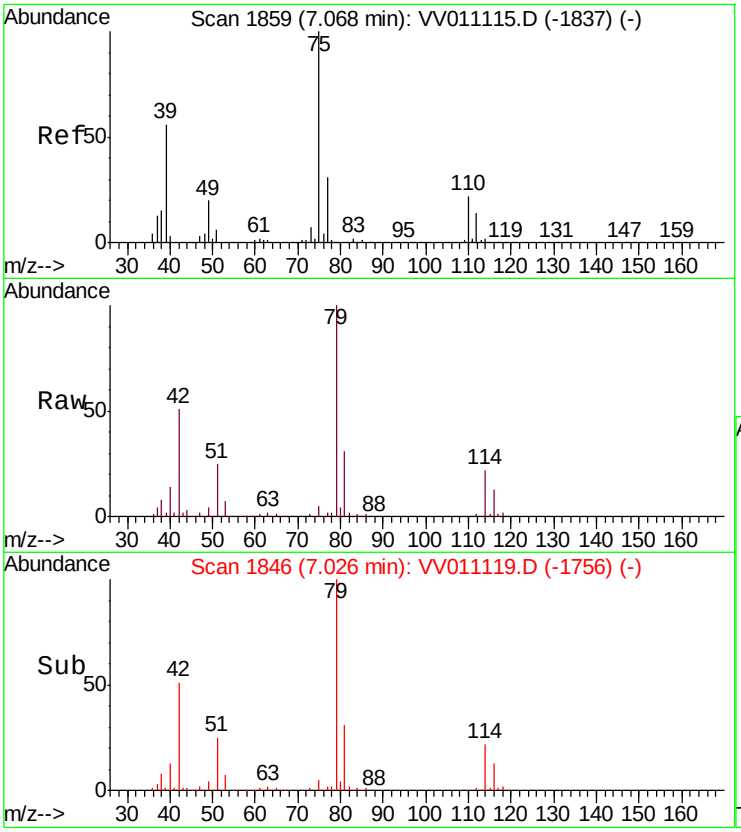


#36
Methylcyclohexane
Concen: 5.831 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011119.D
Acq: 29 May 2019 22:49

Tgt Ion: 83 Resp: 29258

Ion	Ratio	Lower	Upper
83	100		
55	0.7	69.9	104.9#
98	2.0	40.0	60.0#



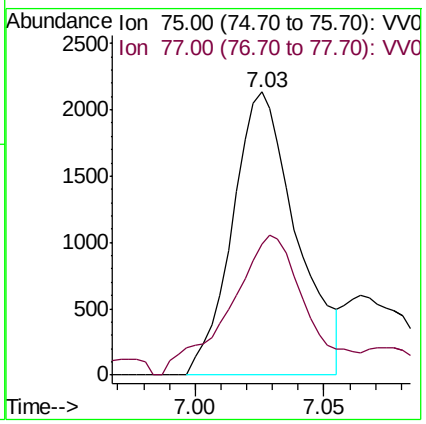


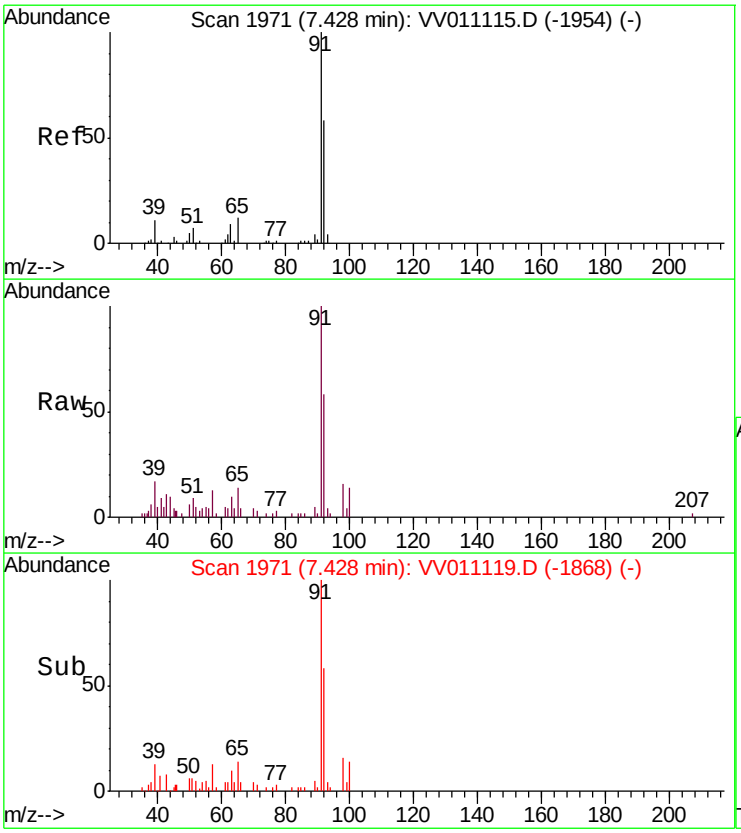
#42
cis-1,3-Dichloropropene
Concen: 0.780 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV011119.D
Acq: 29 May 2019 22:49

Instrument : MSVOA_V
ClientSampleId : A51E2

Tgt Ion: 75 Resp: 3699

Ion	Ratio	Lower	Upper
75	100		
77	46.2	22.5	41.7#





#44
Toluene
Concen: 1.069 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV011119.D
Acq: 29 May 2019 22:49

Tgt Ion: 91 Resp: 12942

Ion	Ratio	Lower	Upper
91	100		
92	58.5	41.0	76.2