Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\

Quantitation Report (Not Reviewed)

Data File : VV011039.D
Acq On : 23 May 2019 20:49
Operator : SY/MD
Sample : K3016-06
Misc : 4.15G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C5

Quant Time: May 24 08:20:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	97863	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	92817	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29447	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	18338	16.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.76%			
7) Chloroethane-d5	1.56	69	15644	20.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.84%			
10) 1,1-Dichloroethene-d2	2.12	63	28284	13.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 52.72%			
20) 2-Butanone-d5	3.93	46	34635	89.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 179.94%#			
24) Chloroform-d	4.40	84	55655	21.95	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.08	65	37057	24.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.24%			
29) Benzene-d6	5.10	84	114110	22.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.08%			
33) 1,2-Dichloropropane-d6	6.12	67	40996	25.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.84%			
37) Toluene-d8	7.36	98	93549	19.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.44%			
38) trans-1,3-Dichloropropene-	7.66	79	14705	22.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.96%			
39) 2-Hexanone-d5	8.13	63	28873	96.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 192.30%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47409	29.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.96%			
61) 1,2-Dichlorobenzene-d4	11.67	152	25091	20.99	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.96%			

Target Compounds						Qvalue
13) Acetone	2.19	43	14839	39.971	ug/L	96
15) Methyl Acetate	2.46	43	8359	11.719	ug/L	94
21) 2-Butanone	4.03	43	1987	3.911	ug/L	99
25) Chloroform	4.42	83	6935	2.363	ug/L	94
35) Trichloroethene	5.66	95	3034	2.052	ug/L #	5
36) Methylcyclohexane	6.12	83	8962	4.101	ug/L #	21
40) 1,2-Dichloropropane	6.12	63	4309	3.064	ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	4006	3.456	ug/L	97

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

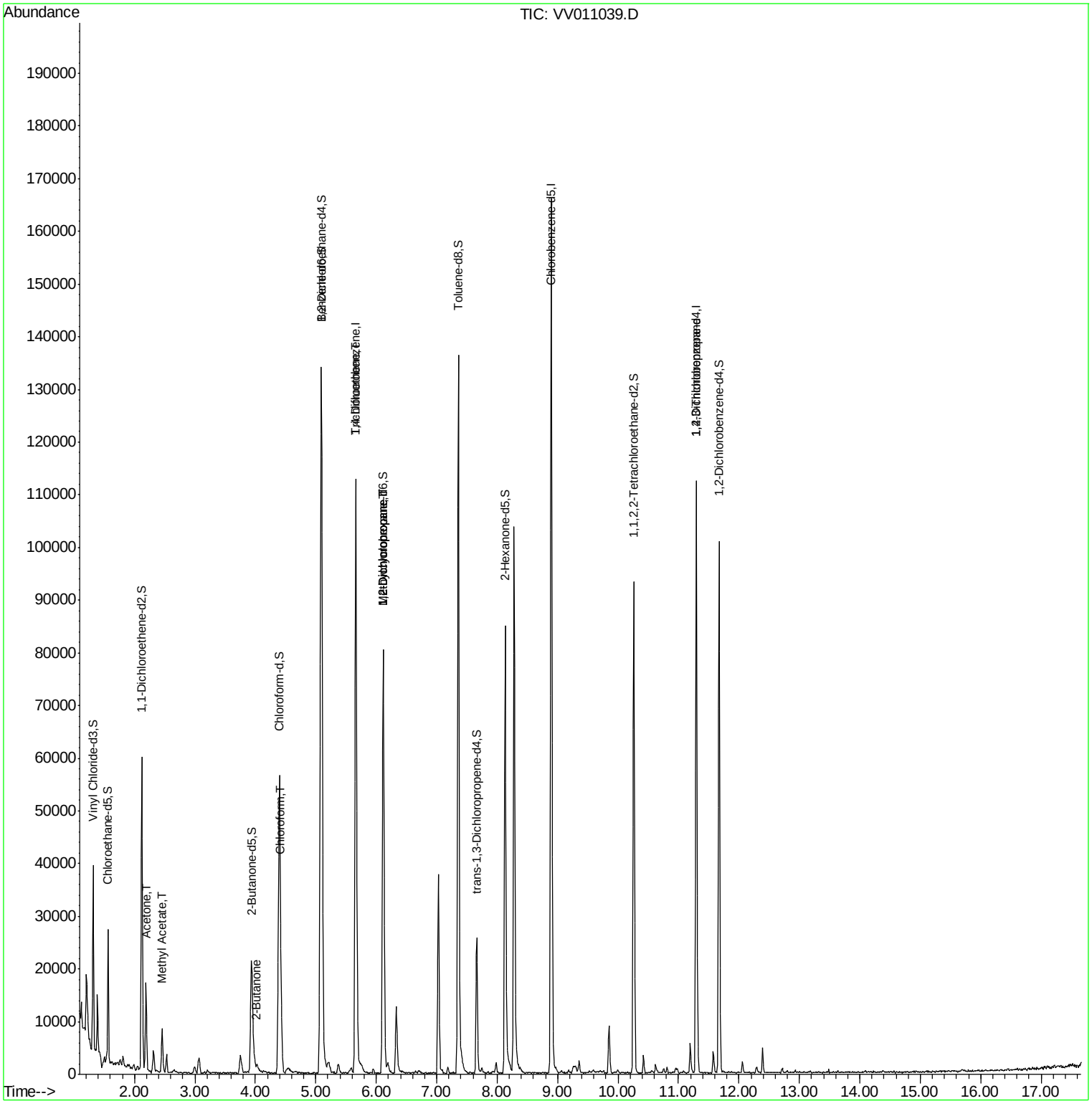
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\

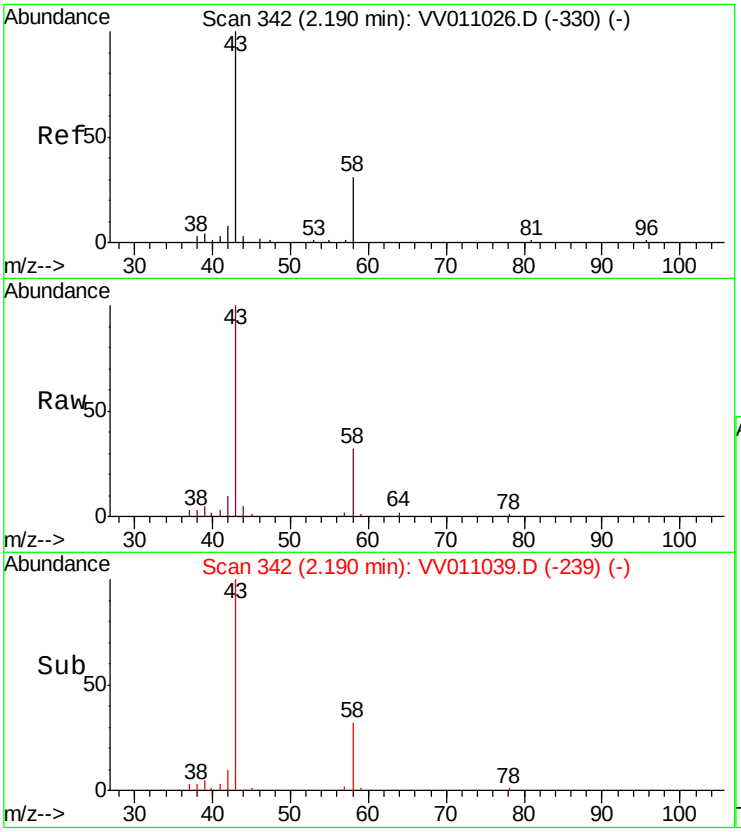
Quantitation Report (Not Reviewed)

Data File : VV011039.D
Acq On : 23 May 2019 20:49
Operator : SY/MD
Sample : K3016-06
Misc : 4.15G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C5

Quant Time: May 24 08:20:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration



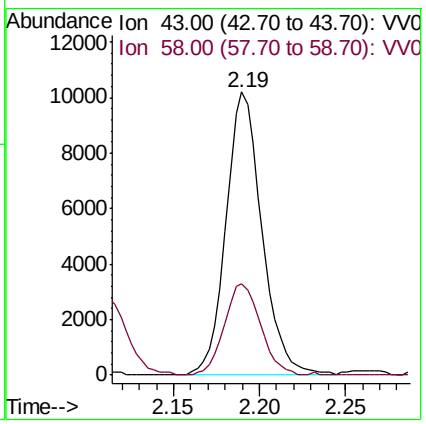


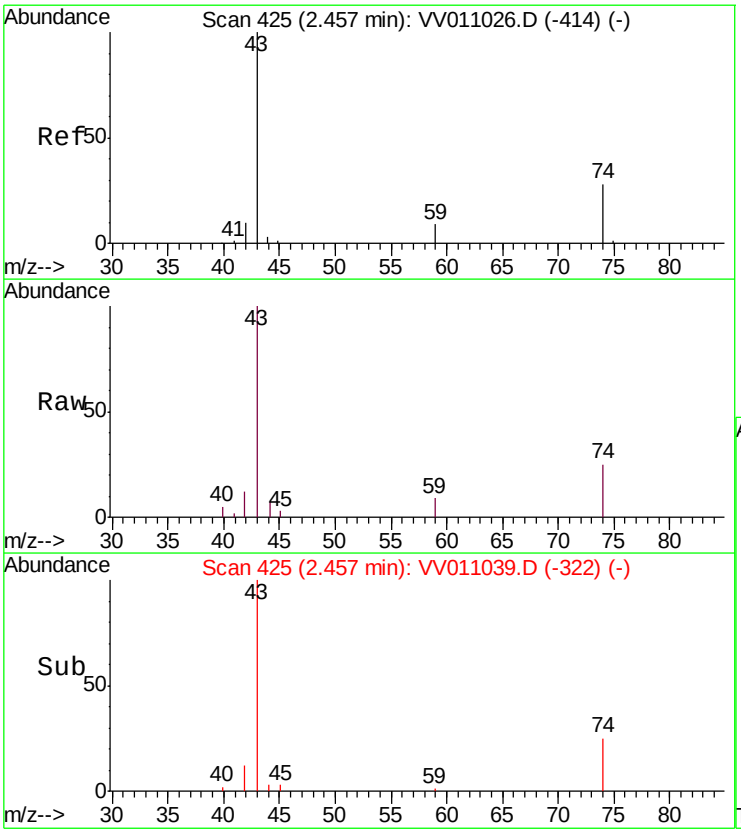
#13
Acetone
Concen: 39.971 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV011039.D
Acq: 23 May 2019 20:49

Instrument :
MSVOA_V
ClientSampleId :
A51C5

Tgt Ion: 43 Resp: 14839

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	60.8

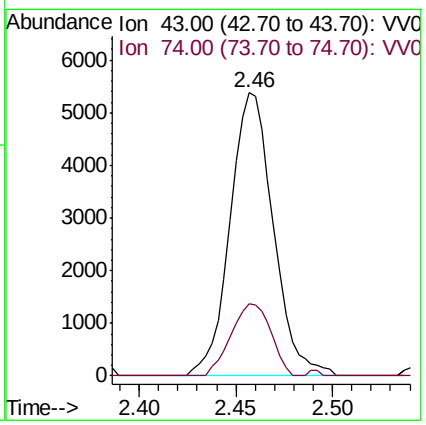


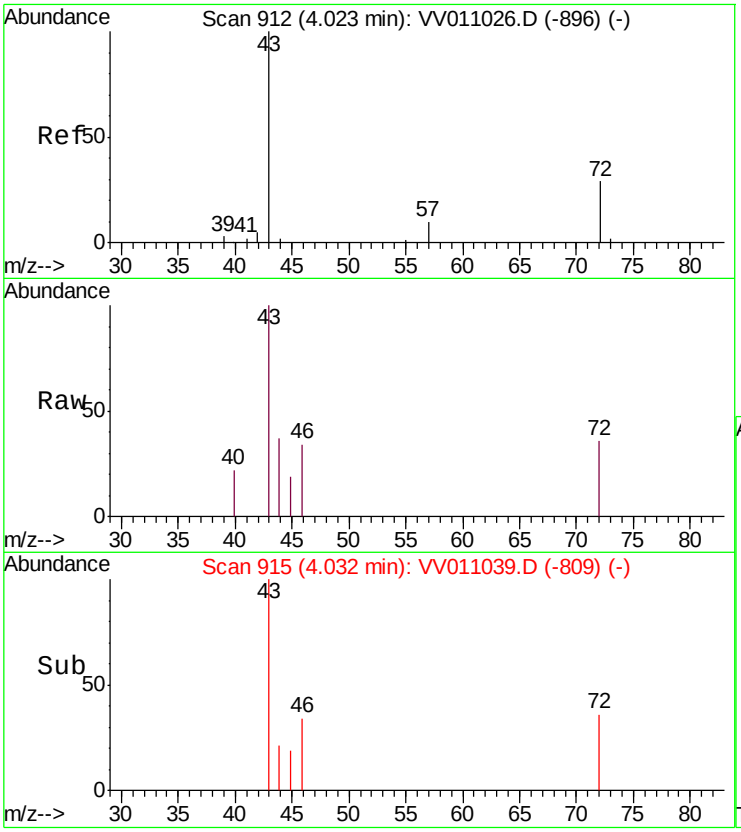


#15
Methyl Acetate
Concen: 11.719 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
Lab File: VV011039.D
Acq: 23 May 2019 20:49

Tgt Ion: 43 Resp: 8359

Ion	Ratio	Lower	Upper
43	100		
74	23.5	21.1	31.7



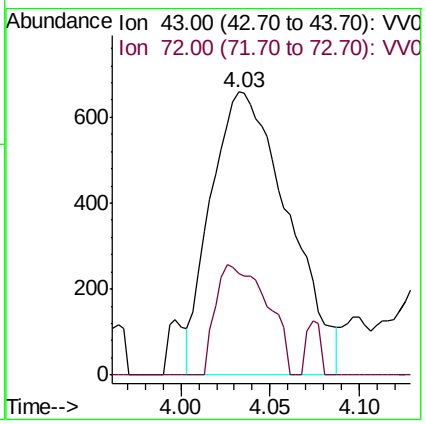


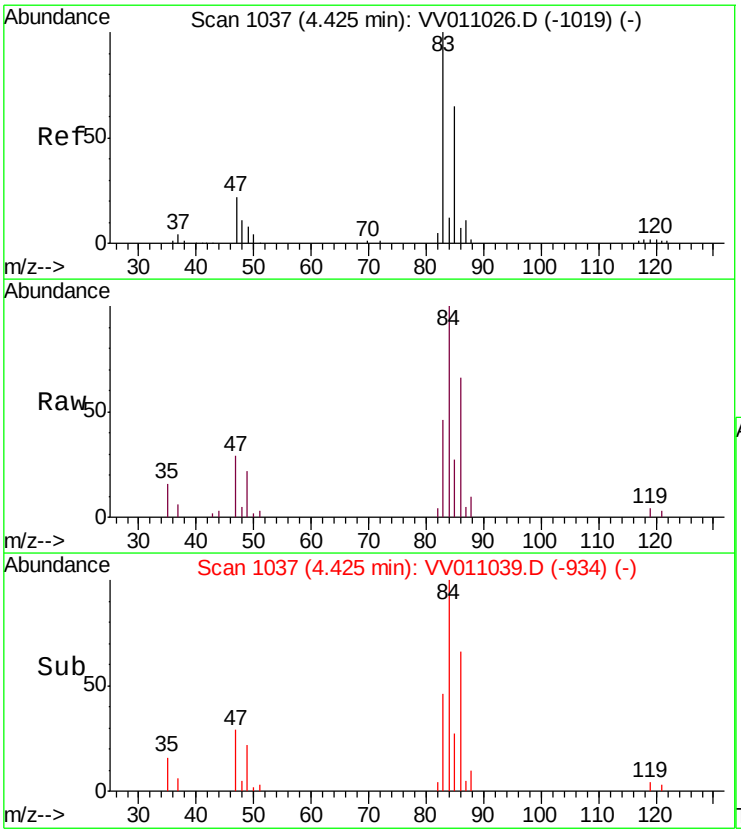
#21
2-Butanone
Concen: 3.911 ug/L
RT: 4.03 min Scan# 915
Delta R.T. 0.01 min
Lab File: VV011039.D
Acq: 23 May 2019 20:49

Instrument :
MSVOA_V
ClientSampleId :
A51C5

Tgt Ion: 43 Resp: 1987

Ion	Ratio	Lower	Upper
43	100		
72	25.9	13.1	39.3

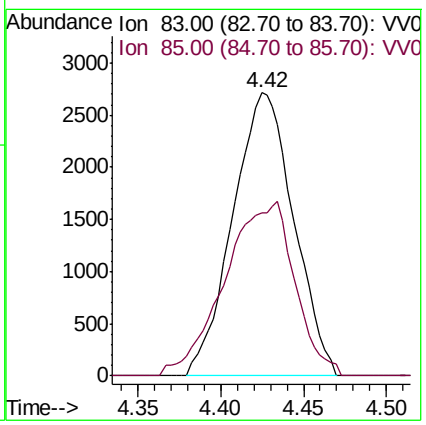


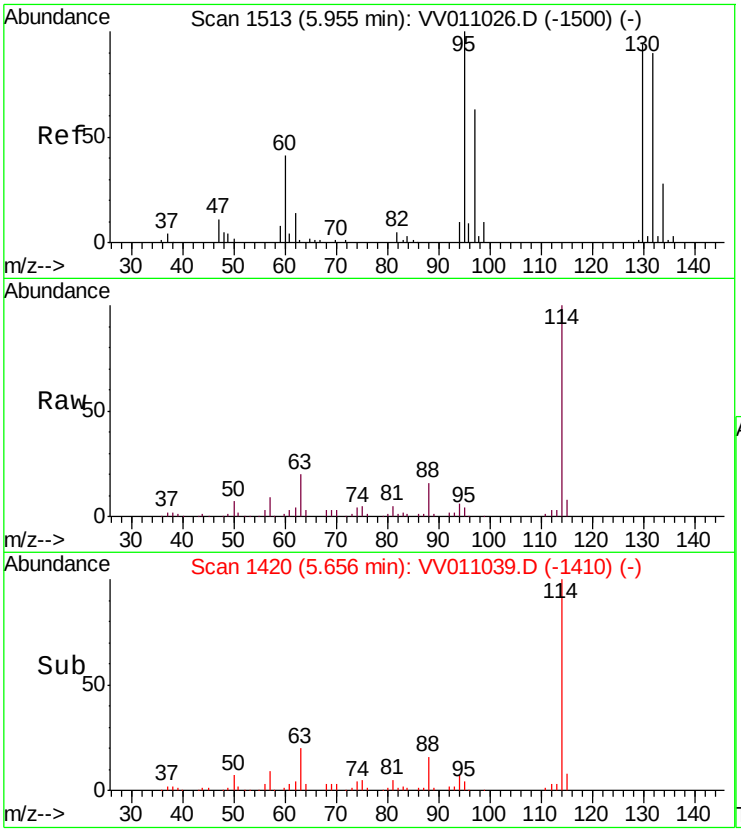


#25
Chloroform
Concen: 2.363 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011039.D
Acq: 23 May 2019 20:49

Tgt Ion: 83 Resp: 6935

Ion	Ratio	Lower	Upper
83	100		
85	70.1	45.6	84.8



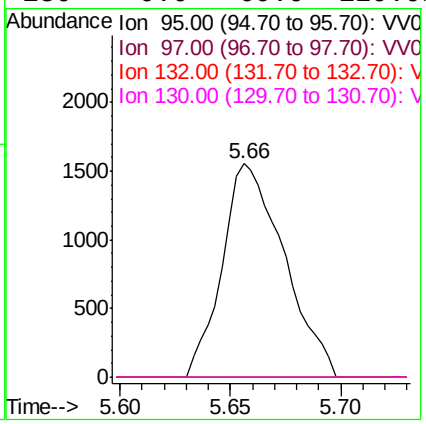


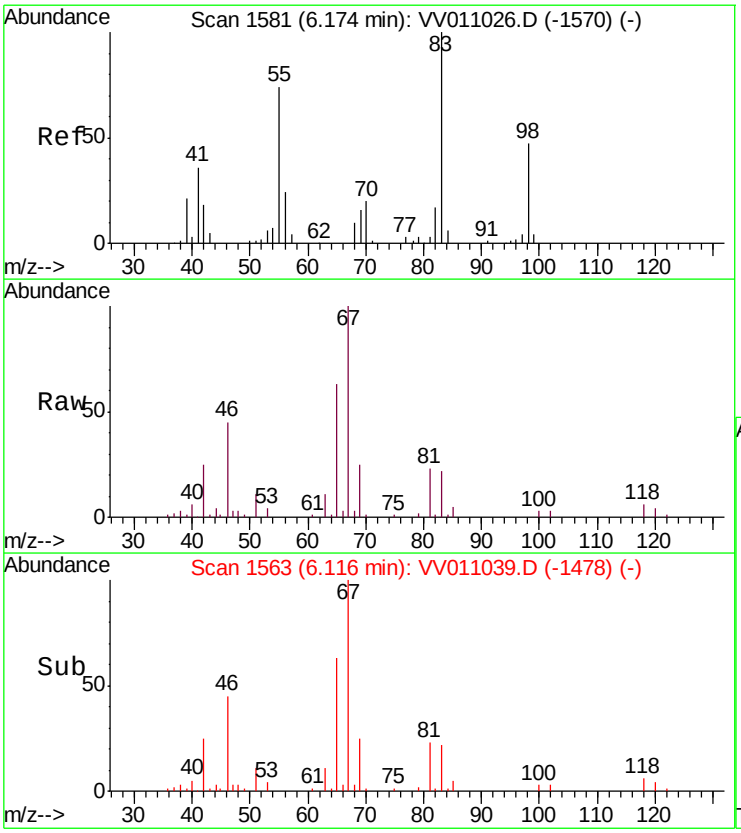
#35
Trichloroethene
Concen: 2.052 ug/L
RT: 5.66 min Scan# 1420
Delta R.T. -0.30 min
Lab File: VV011039.D
Acq: 23 May 2019 20:49

Instrument : MSVOA_V
ClientSampleId : A51C5

Tgt Ion: 95 Resp: 3034

Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.4	80.6#
132	0.0	68.8	127.8#
130	0.0	69.9	129.9#

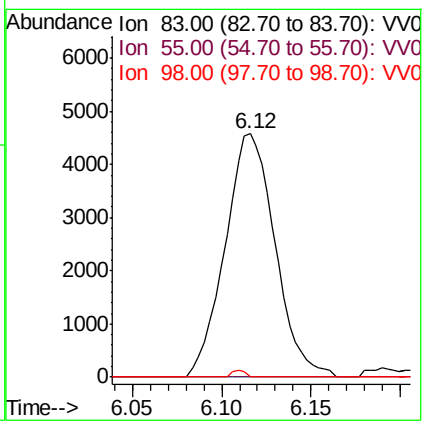


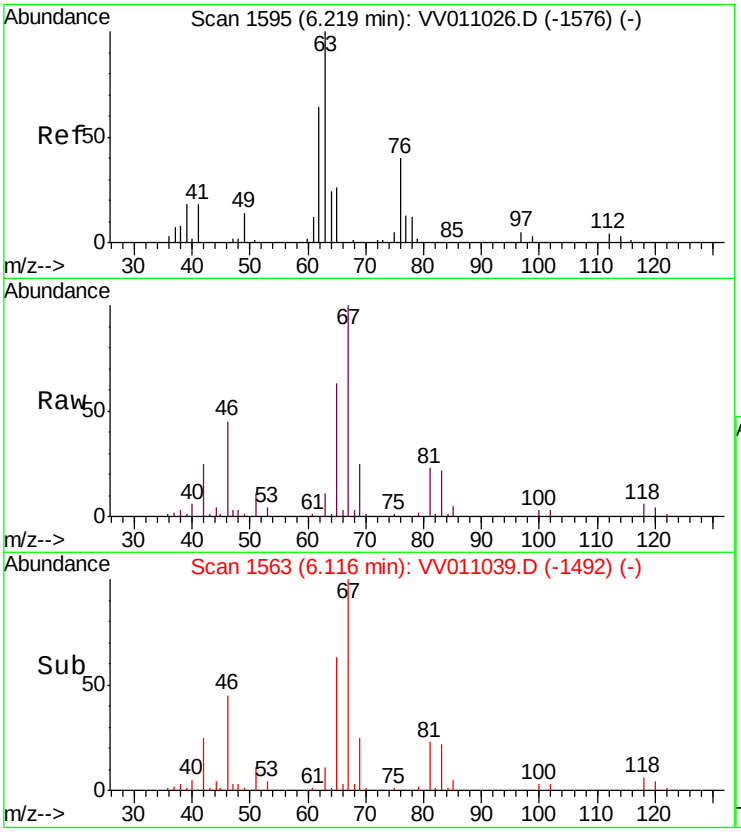


#36
Methylcyclohexane
Concen: 4.101 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011039.D
Acq: 23 May 2019 20:49

Tgt Ion: 83 Resp: 8962

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.0	85.4#
98	0.7	36.2	54.4#



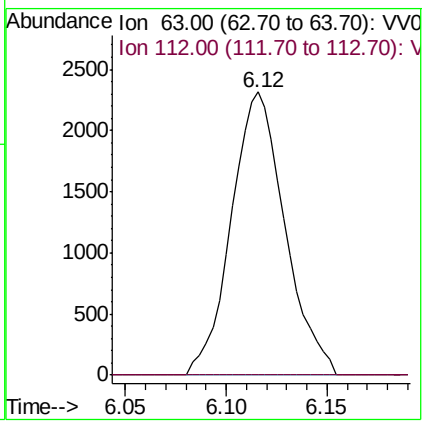


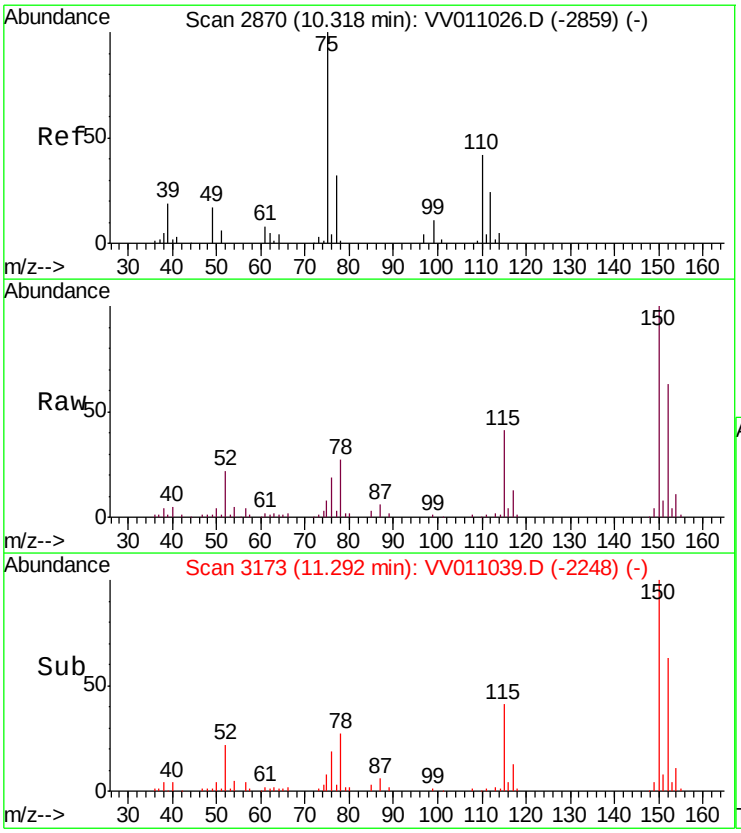
#40
1,2-Dichloropropane
Concen: 3.064 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011039.D
Acq: 23 May 2019 20:49

Instrument :
MSVOA_V
ClientSampleId :
A51C5

Tgt Ion: 63 Resp: 4309

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#59
1,2,3-Trichloropropane
Concen: 3.456 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV011039.D
Acq: 23 May 2019 20:49

Tgt Ion: 75 Resp: 4006

Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.4	38.2