Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\

Quantitation Report (Not Reviewed)

Data File : VV011152.D
Acq On : 30 May 2019 22:53
Operator : SY/MD
Sample : K3083-04
Misc : 4.59G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F7

Quant Time: May 31 01:49:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	292926	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	228750	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64261	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	82743	20.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.52%			
7) Chloroethane-d5	1.57	69	69863	22.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.72%			
10) 1,1-Dichloroethene-d2	2.12	63	135435	16.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.60%			
20) 2-Butanone-d5	3.94	46	68952	47.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.20%			
24) Chloroform-d	4.40	84	169427	23.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.64%			
26) 1,2-Dichloroethane-d4	5.08	65	106441	22.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.24%			
29) Benzene-d6	5.09	84	346567	27.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.60%			
33) 1,2-Dichloropropane-d6	6.12	67	112419	28.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.96%			
37) Toluene-d8	7.36	98	288810	24.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.56%			
38) trans-1,3-Dichloropropene-	7.66	79	43343	24.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.24%			
39) 2-Hexanone-d5	8.13	63	51061	56.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.88%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77214	21.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.08%			
61) 1,2-Dichlorobenzene-d4	11.67	152	51283	21.33	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.32%			
Target Compounds						Qvalue
6) Bromomethane	1.52	94	1851	0.745	ug/L	93
13) Acetone	2.19	43	147800	87.706	ug/L	98
15) Methyl Acetate	2.46	43	116661	46.007	ug/L	99
35) Trichloroethene	5.96	95	57823	16.262	ug/L	98
44) Toluene	7.43	91	13759	0.930	ug/L	96
47) Tetrachloroethene	8.02	164	2142	0.813	ug/L	91

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

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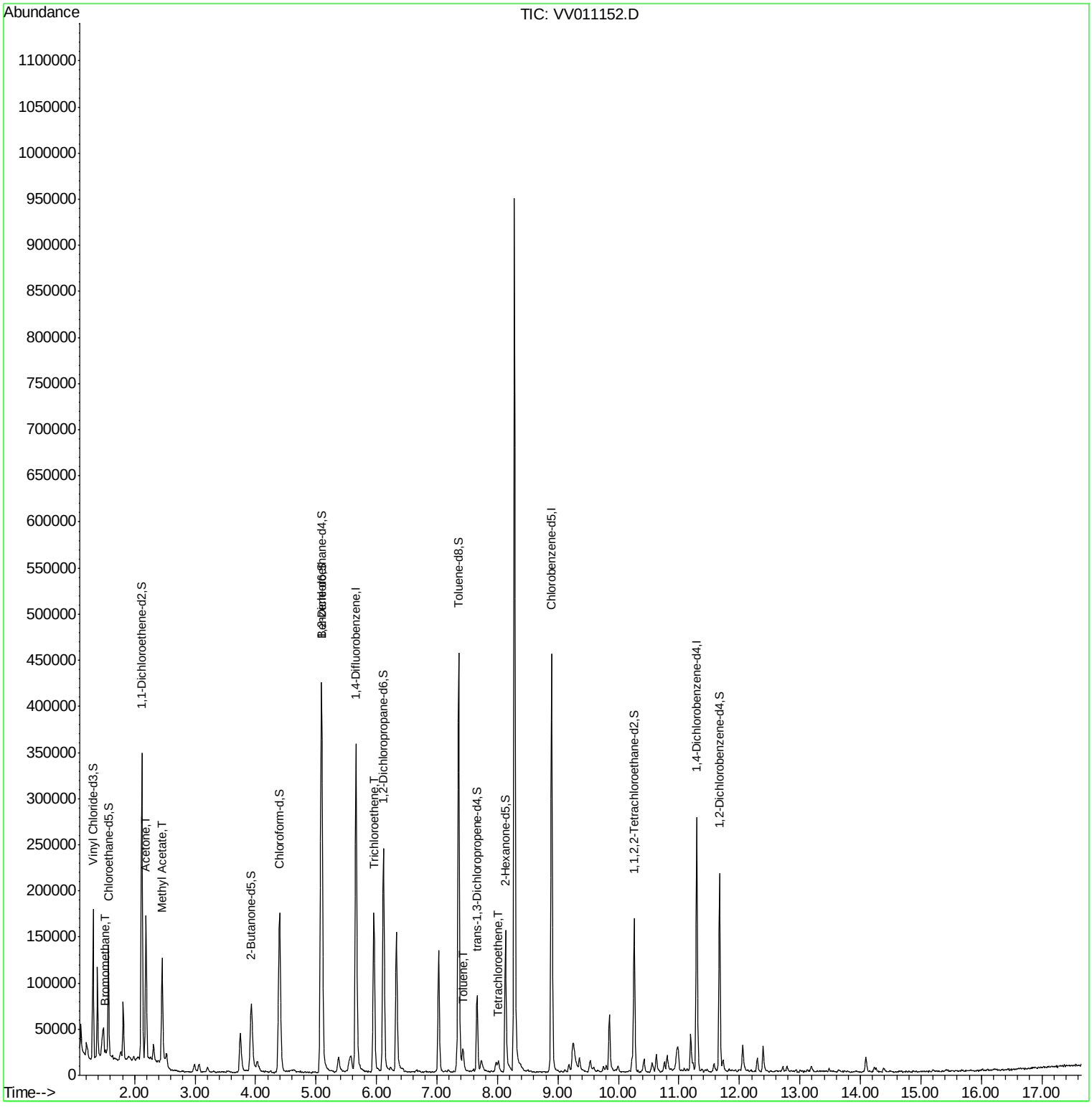
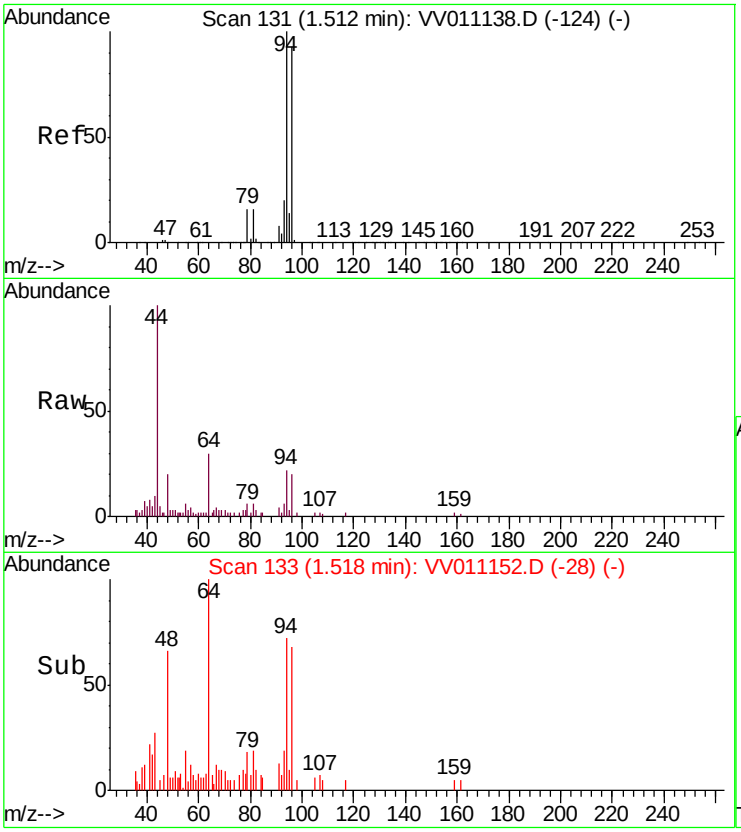
Instrument : MSVOA_V
ClientSampleId : A51F7

Quant Time: May 31 01:49:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration



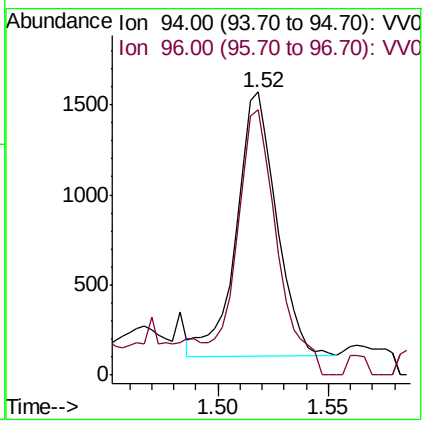


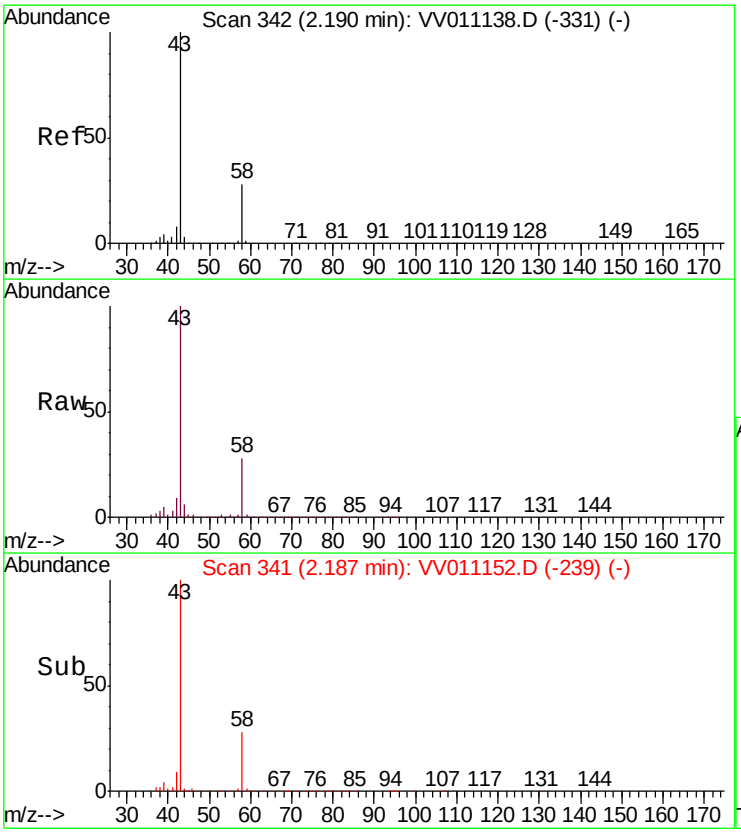
#6
Bromomethane
Concen: 0.745 ug/L
RT: 1.52 min Scan# 133
Delta R.T. 0.01 min
Lab File: VV011152.D
Acq: 30 May 2019 22:53

Instrument :
MSVOA_V
ClientSampleId :
A51F7

Tgt Ion: 94 Resp: 1851

Ion	Ratio	Lower	Upper
94	100		
96	101.5	9.4	179.5

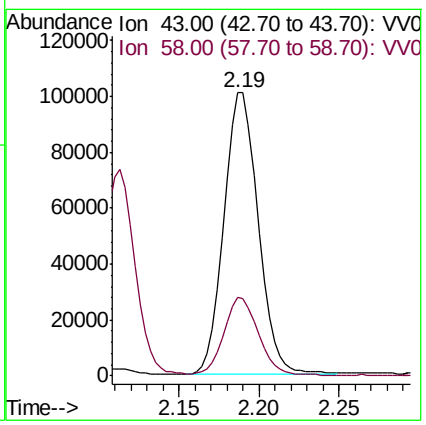


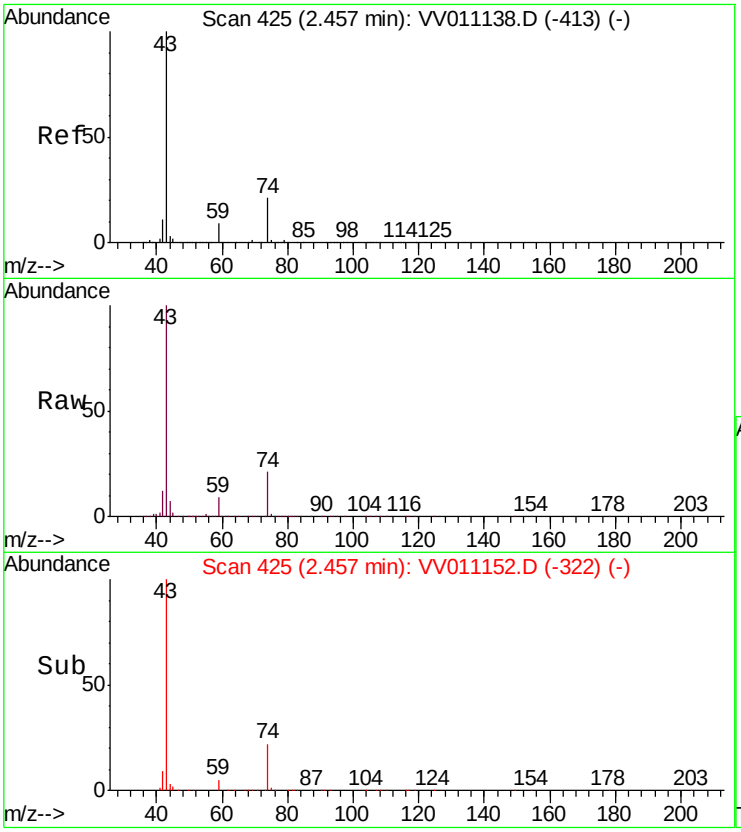


#13
Acetone
Concen: 87.706 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV011152.D
Acq: 30 May 2019 22:53

Tgt Ion: 43 Resp: 147800

Ion	Ratio	Lower	Upper
43	100		
58	28.0	0.0	53.8



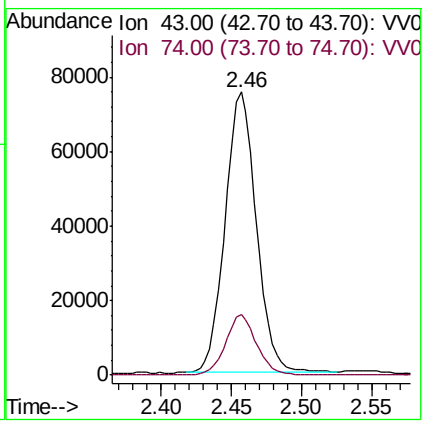


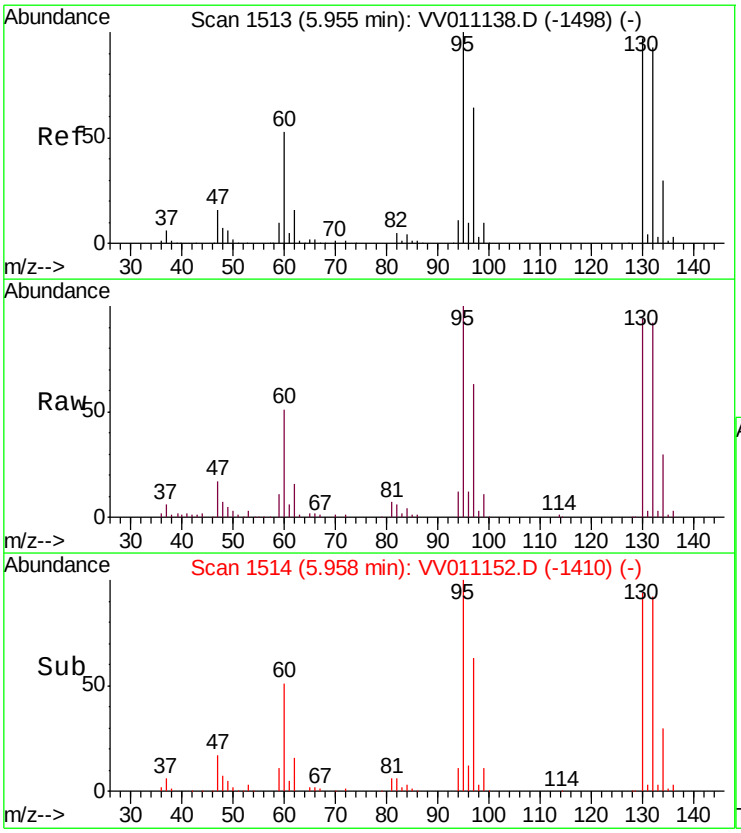
#15
Methyl Acetate
Concen: 46.007 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VV011152.D
Acq: 30 May 2019 22:53

Instrument :
MSVOA_V
ClientSampleId :
A51F7

Tgt Ion: 43 Resp: 116661

Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.2	24.4

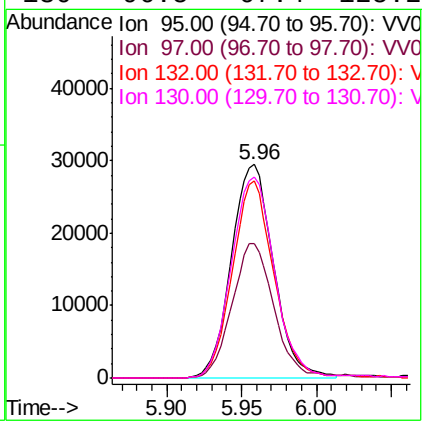


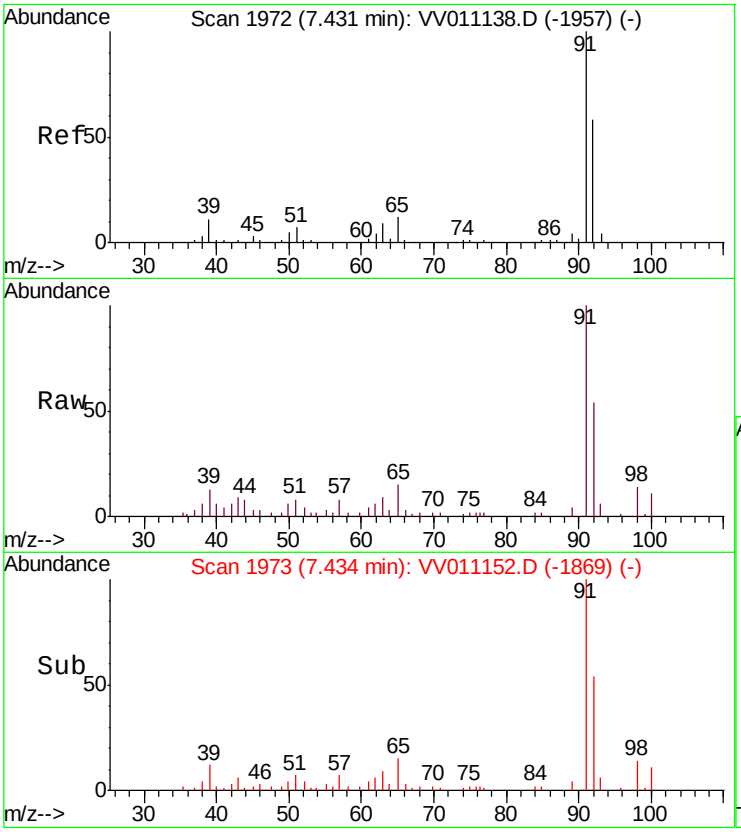


#35
Trichloroethene
Concen: 16.262 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011152.D
Acq: 30 May 2019 22:53

Tgt Ion: 95 Resp: 57823

Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.4	82.5
132	90.5	66.0	122.6
130	96.5	67.4	125.2



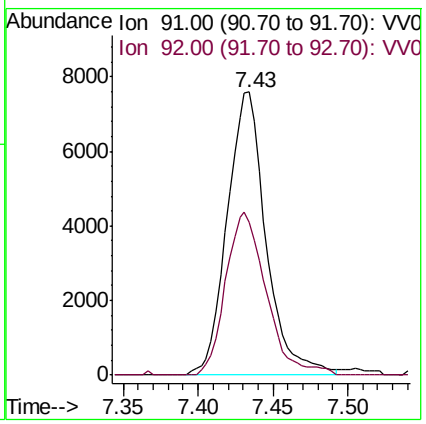


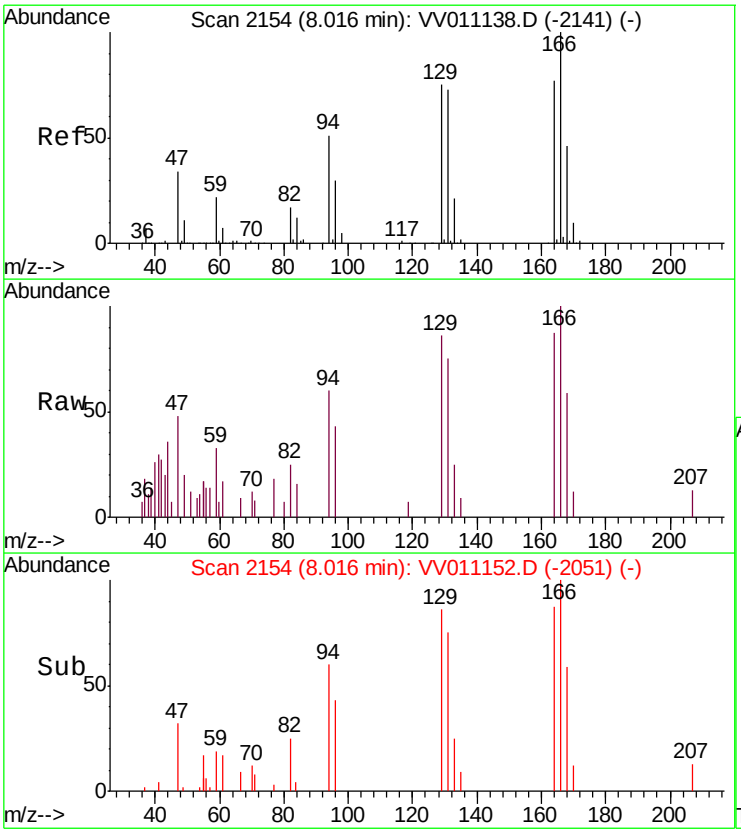
#44
Toluene
Concen: 0.930 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV011152.D
Acq: 30 May 2019 22:53

Instrument :
MSVOA_V
ClientSampleId :
A51F7

Tgt Ion: 91 Resp: 13759

Ion	Ratio	Lower	Upper
91	100		
92	53.8	39.9	74.1





#47
Tetrachloroethene
Concen: 0.813 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV011152.D
Acq: 30 May 2019 22:53

Tgt Ion:164 Resp: 2142

Ion	Ratio	Lower	Upper
164	100		
129	98.2	69.1	128.3
131	85.7	65.5	121.6
166	114.9	93.2	173.0