Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (LSC Reviewed)

Data File : VV010927.D
Acq On : 16 May 2019 11:33
Operator : SY/MD
Sample : K2788-17
Misc : 6.50G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51A8

Quant Time: May 17 05:45:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128686	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	114896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36641	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	32071	19.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.24%			
7) Chloroethane-d5	1.57	69	25491	23.86	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.44%			
10) 1,1-Dichloroethene-d2	2.12	63	47465	15.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.20%			
20) 2-Butanone-d5	3.93	46	29807	57.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.58%			
24) Chloroform-d	4.40	84	73759	19.85	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.40%			
26) 1,2-Dichloroethane-d4	5.08	65	43721	20.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.80%			
29) Benzene-d6	5.10	84	147365	23.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.68%			
33) 1,2-Dichloropropane-d6	6.11	67	47740	23.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.12%			
37) Toluene-d8	7.36	98	120019	19.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.56%			
38) trans-1,3-Dichloropropene-	7.66	79	17832	20.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.60%			
39) 2-Hexanone-d5	8.13	63	23275	60.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.08%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44033	23.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.60%			
61) 1,2-Dichlorobenzene-d4	11.67	152	31108	20.33	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.32%			
Target Compounds						Qvalue
13) Acetone	2.19	43	14454	27.511	ug/L	95
15) Methyl Acetate	2.46	43	1214	1.109	ug/L #	83
35) Trichloroethene	5.96	95	1441	0.830	ug/L #	69
47) Tetrachloroethene	8.02	164	5238	4.084	ug/L	95
54) m,p-Xylene	9.18	106	2499	0.778	ug/L	84

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

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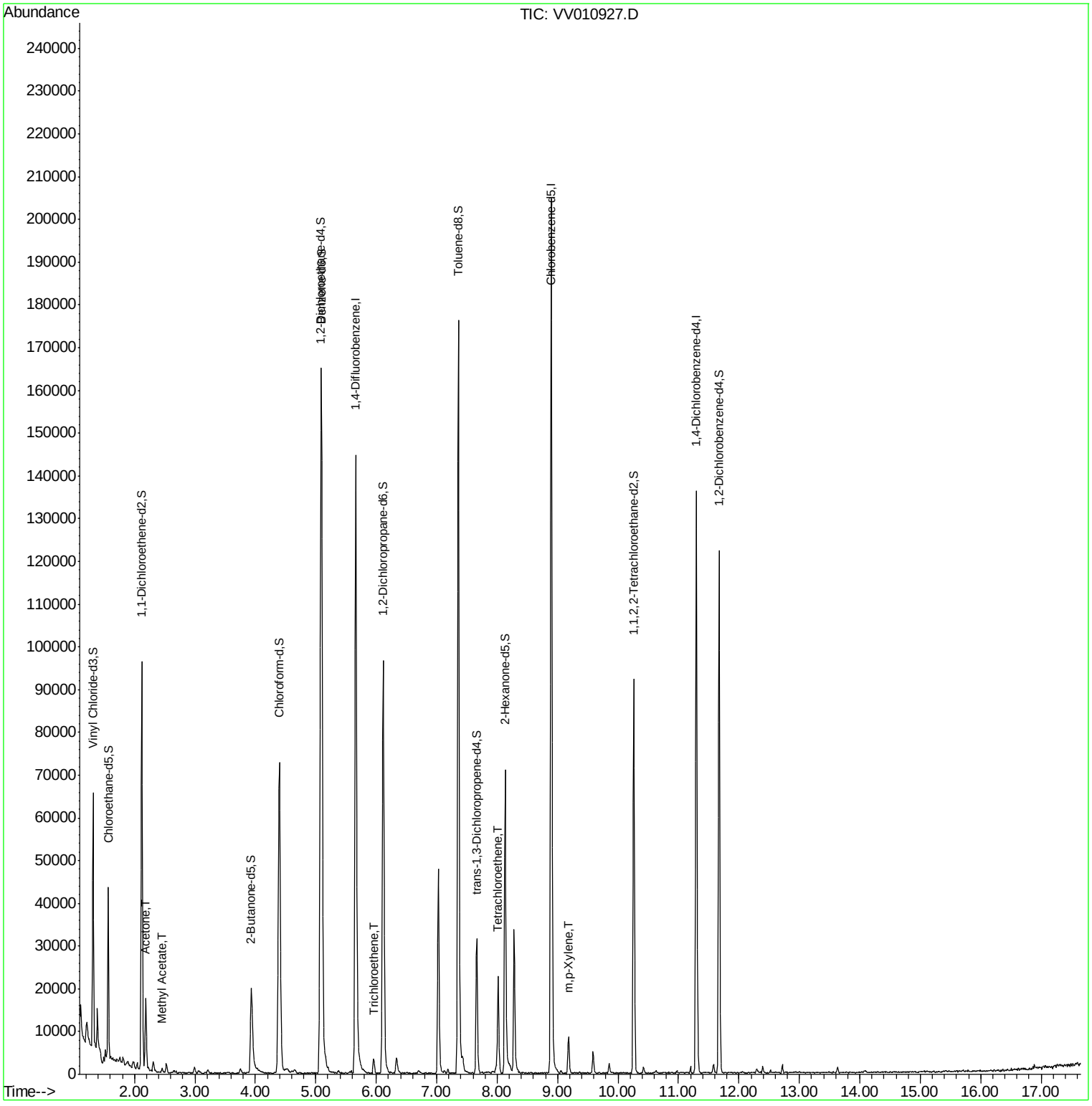
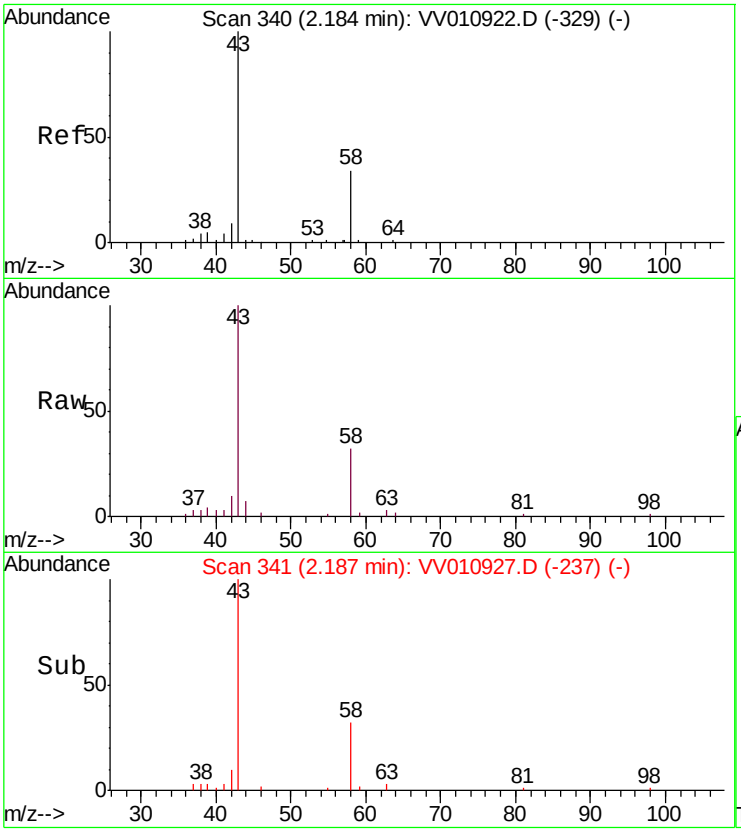
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration



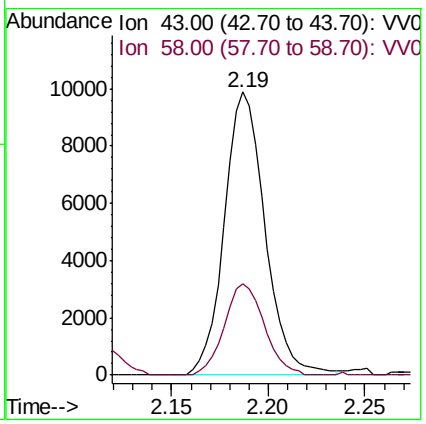


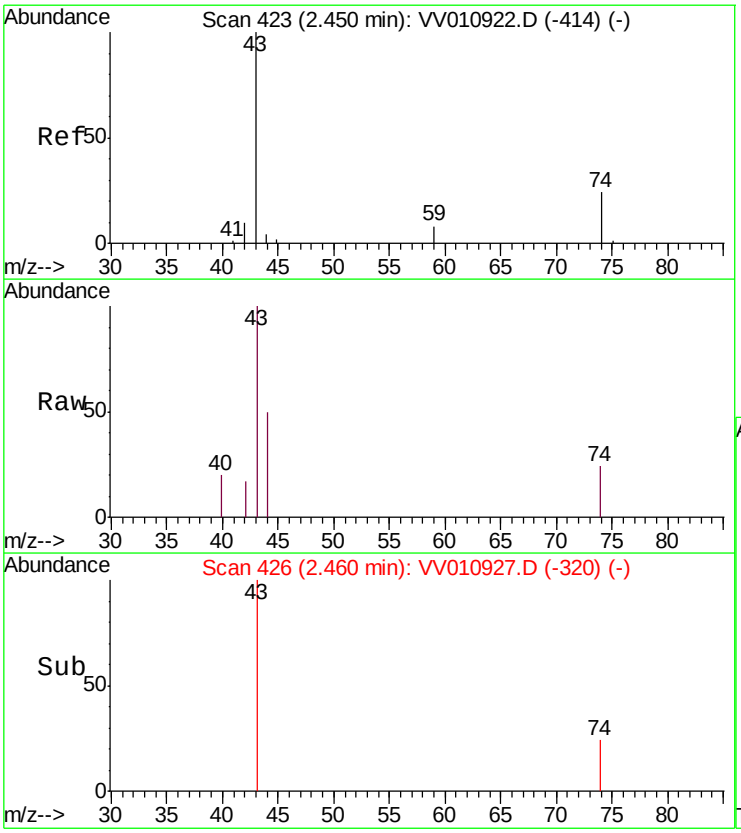
#13
Acetone
Concen: 27.511 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010927.D
Acq: 16 May 2019 11:33

Instrument :
MSVOA_V
ClientSampleId :
A51A8

Tgt Ion: 43 Resp: 14454

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	69.2

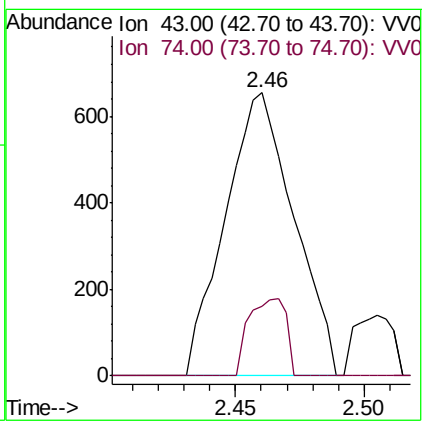


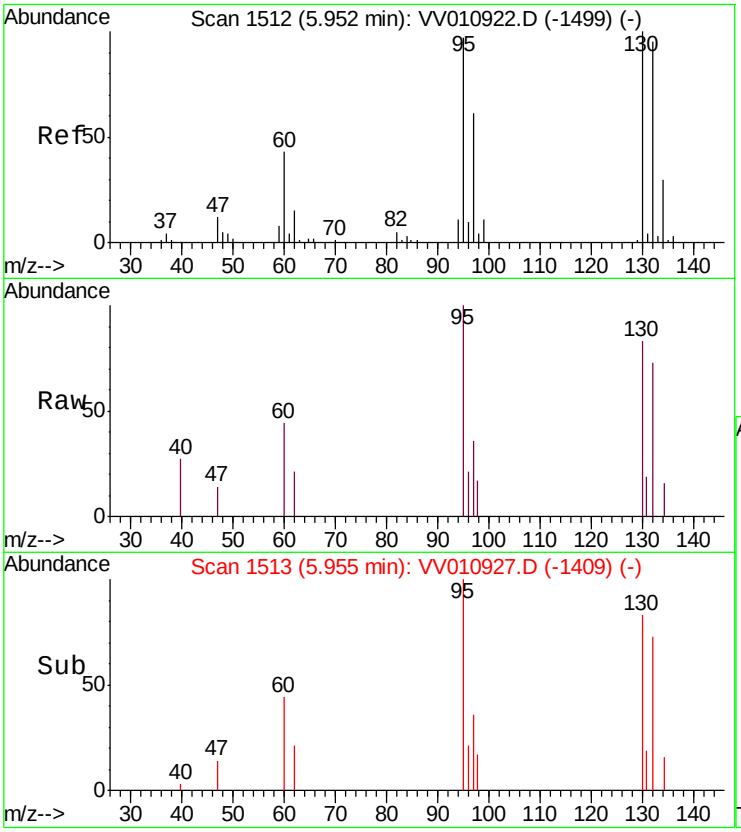


#15
Methyl Acetate
Concen: 1.109 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.01 min
Lab File: VV010927.D
Acq: 16 May 2019 11:33

Tgt Ion: 43 Resp: 1214

Ion	Ratio	Lower	Upper
43	100		
74	14.7	18.6	27.8#



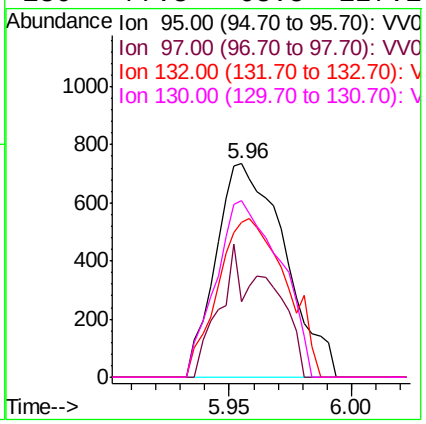


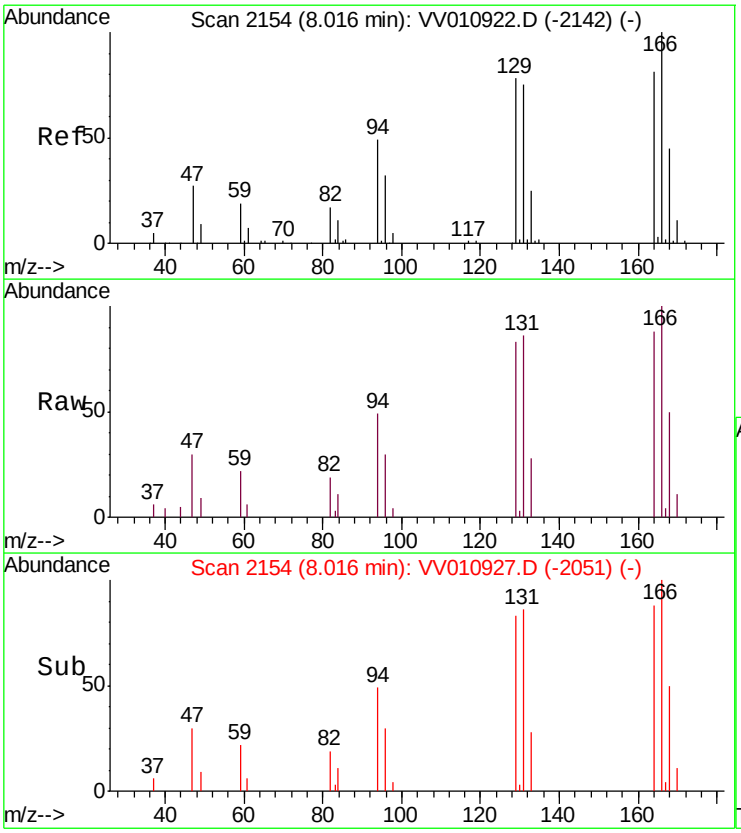
#35
Trichloroethene
Concen: 0.830 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV010927.D
Acq: 16 May 2019 11:33

Instrument : MSVOA_V
ClientSampleId : A51A8

Tgt Ion: 95 Resp: 1441

Ion	Ratio	Lower	Upper
95	100		
97	26.5	46.0	85.4#
132	68.2	67.4	125.2
130	77.3	68.5	127.1

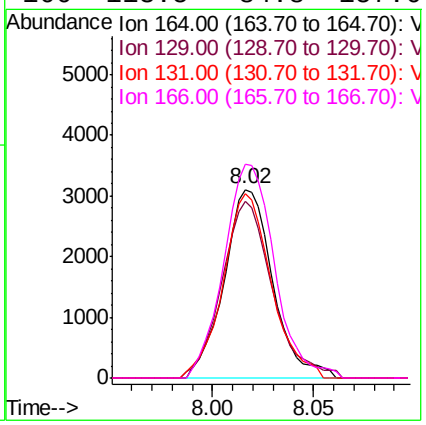


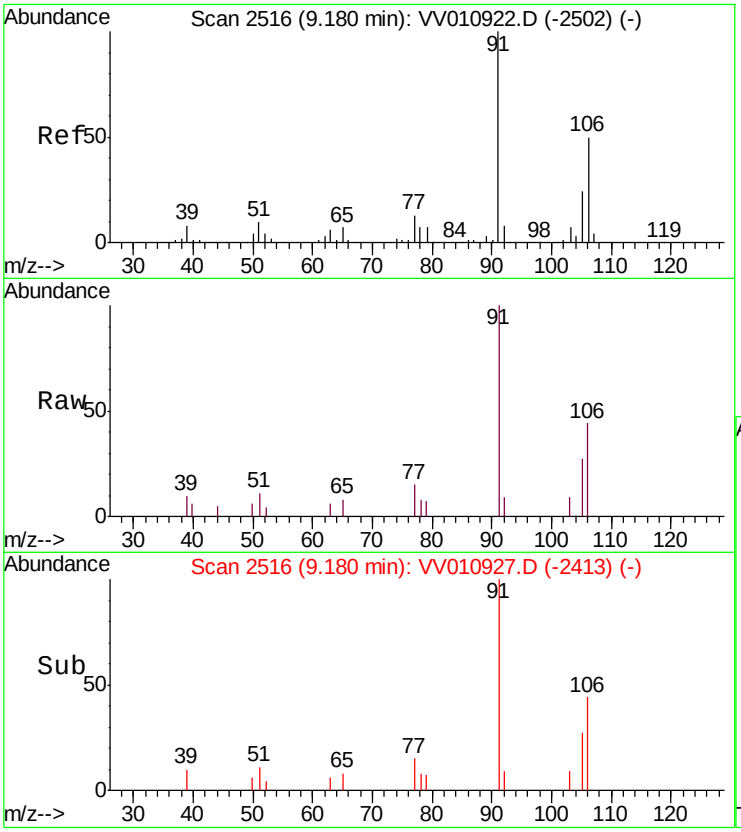


#47
Tetrachloroethene
Concen: 4.084 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010927.D
Acq: 16 May 2019 11:33

Tgt Ion:164 Resp: 5238

Ion	Ratio	Lower	Upper
164	100		
129	93.8	67.6	125.6
131	97.9	65.1	120.9
166	113.5	84.8	157.6





#54
m,p-Xylene
Concen: 0.778 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV010927.D
Acq: 16 May 2019 11:33

Instrument :
MSVOA_V
ClientSampleId :
A51A8

Tgt Ion:106 Resp: 2499

Ion	Ratio	Lower	Upper
106	100		
91	225.3	140.6	261.0