Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
Data File : VV010035.D
Acq On : 30 Mar 2019 22:00
Operator : SY/MD
Sample : K2101-10
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Mar 30 23:36:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 23:31:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137528	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	147800	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60111	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50202	17.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.96%			
7) Chloroethane-d5	1.57	69	59751	19.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.28%			
10) 1,1-Dichloroethene-d2	2.12	63	113978	14.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.72%			
20) 2-Butanone-d5	3.93	46	35482	68.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 136.46%#			
24) Chloroform-d	4.40	84	69105	19.72	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.88%			
26) 1,2-Dichloroethane-d4	5.08	65	56915	26.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.96%			
29) Benzene-d6	5.10	84	163512	21.07	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.28%			
33) 1,2-Dichloropropane-d6	6.12	67	53221	23.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.76%			
37) Toluene-d8	7.36	98	147471	20.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.28%			
38) trans-1,3-Dichloropropene-	7.66	79	17798	19.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.64%			
39) 2-Hexanone-d5	8.13	63	23421	55.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.52%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56013	24.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.64%			
61) 1,2-Dichlorobenzene-d4	11.68	152	53602	23.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.68%			
Target Compounds						Qvalue
13) Acetone	2.19	43	1631	2.071	ug/L	98
16) Methylene chloride	2.53	84	3482	1.537	ug/L	86
25) Chloroform	4.43	83	13636	3.742	ug/L	82
35) Trichloroethene	5.66	95	4010	1.873	ug/L #	5
40) 1,2-Dichloropropane	6.12	63	6054	2.985	ug/L #	94
45) trans-1,3-Dichloropropene	7.67	75	1122	0.464	ug/L	88

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

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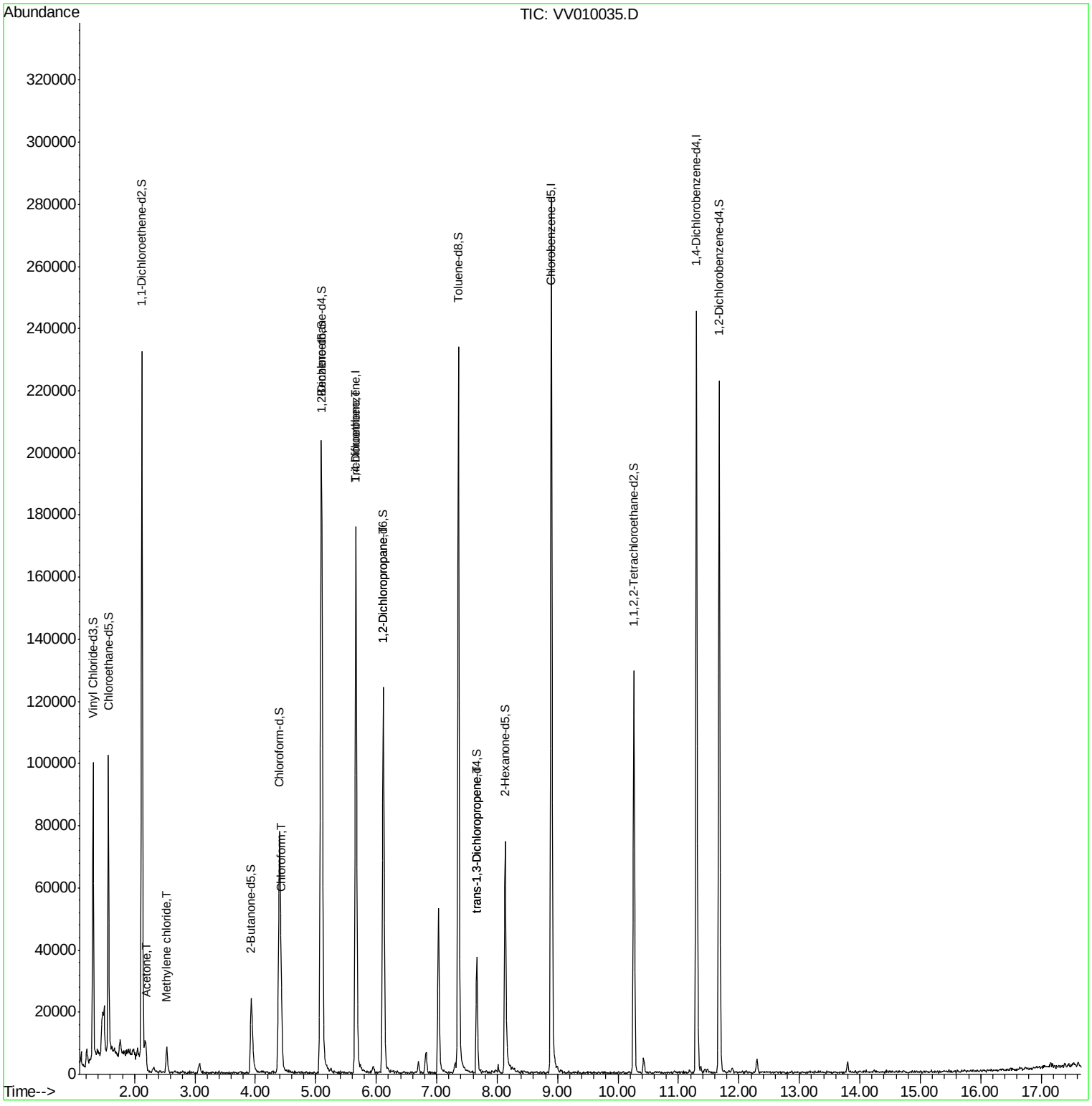
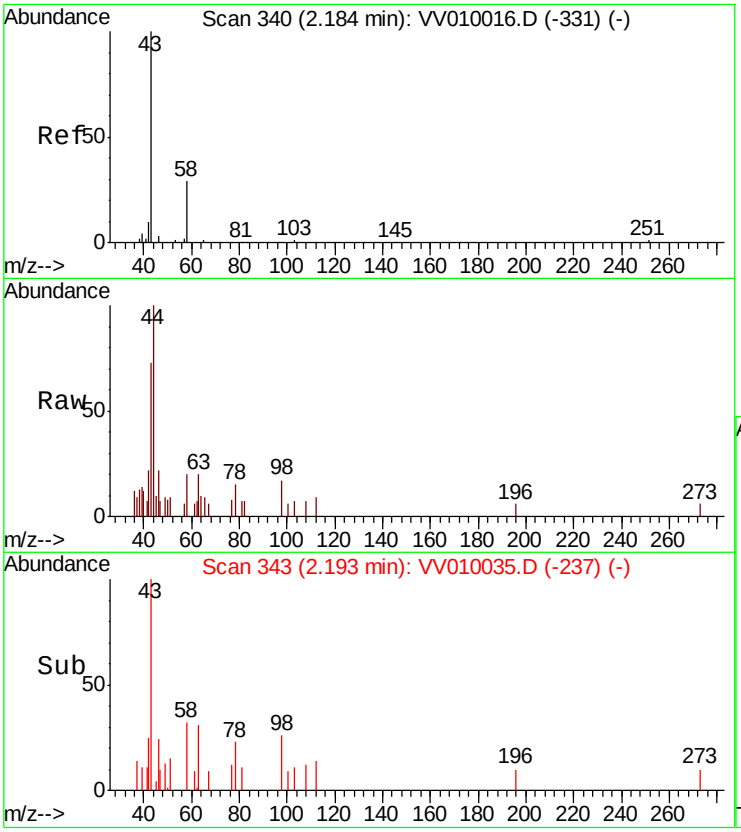


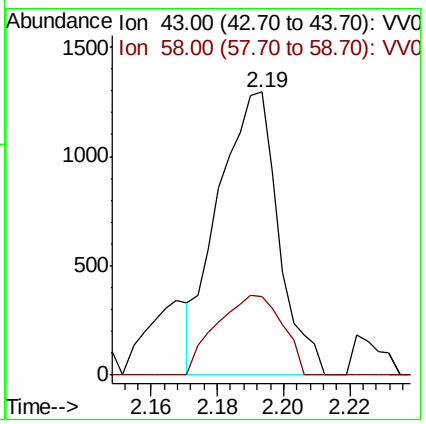


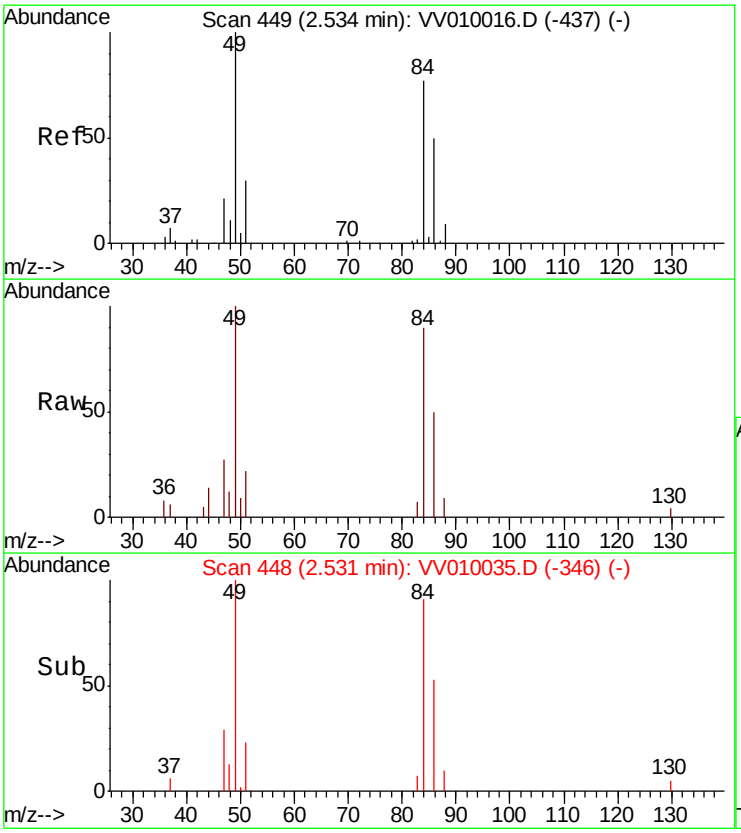
#13
Acetone
Concen: 2.071 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VV010035.D
Acq: 30 Mar 2019 22:00

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion: 43 Resp: 1631

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	59.4

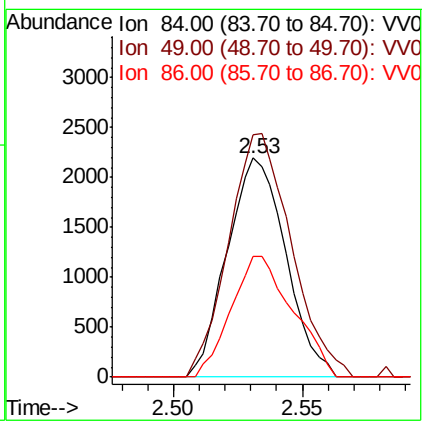


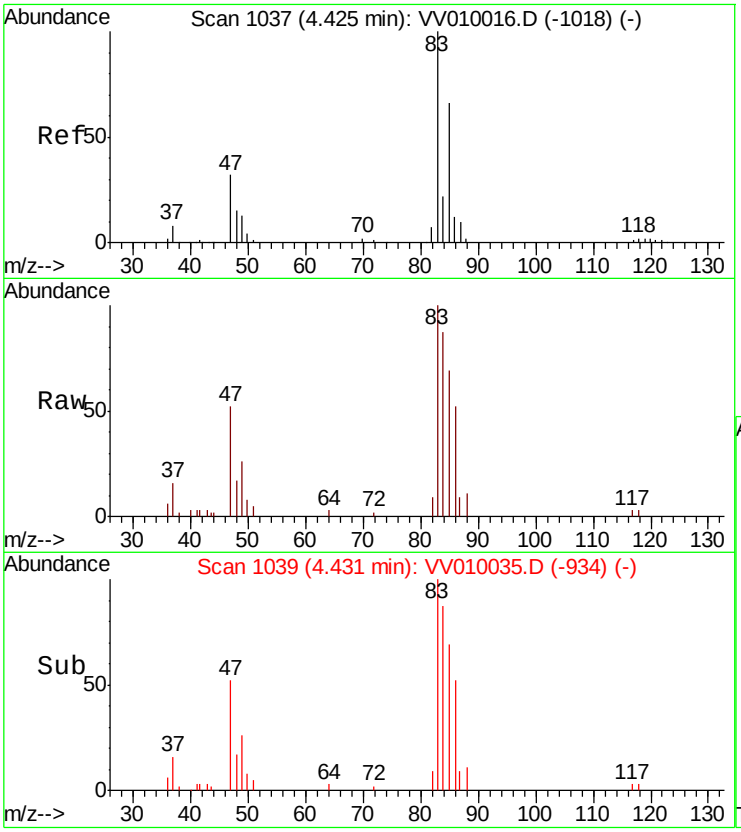


#16
Methylene chloride
Concen: 1.537 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010035.D
Acq: 30 Mar 2019 22:00

Tgt Ion: 84 Resp: 3482

Ion	Ratio	Lower	Upper
84	100		
49	110.9	90.4	167.8
86	55.1	44.0	81.6



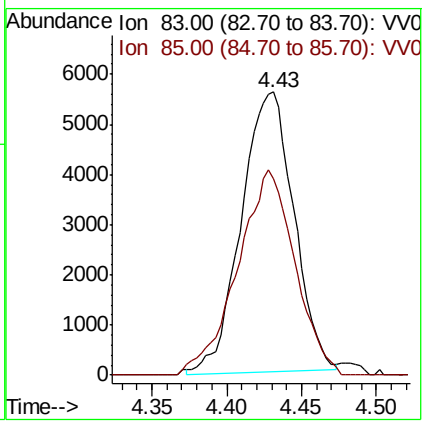


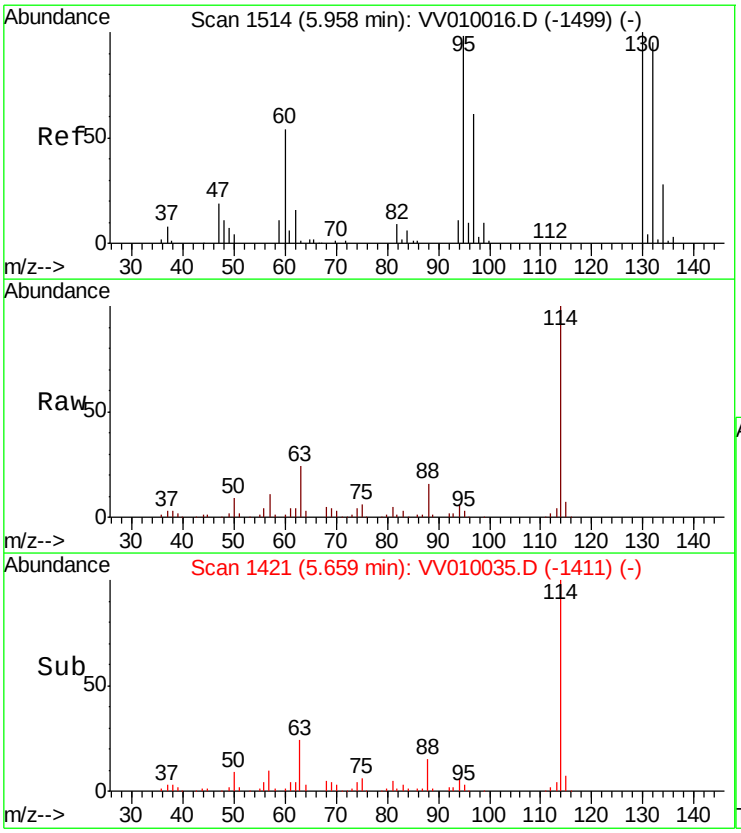
#25
Chloroform
Concen: 3.742 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV010035.D
Acq: 30 Mar 2019 22:00

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion: 83 Resp: 13636

Ion	Ratio	Lower	Upper
83	100		
85	79.9	46.1	85.7

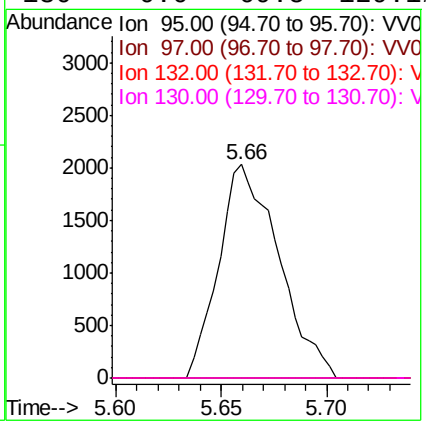


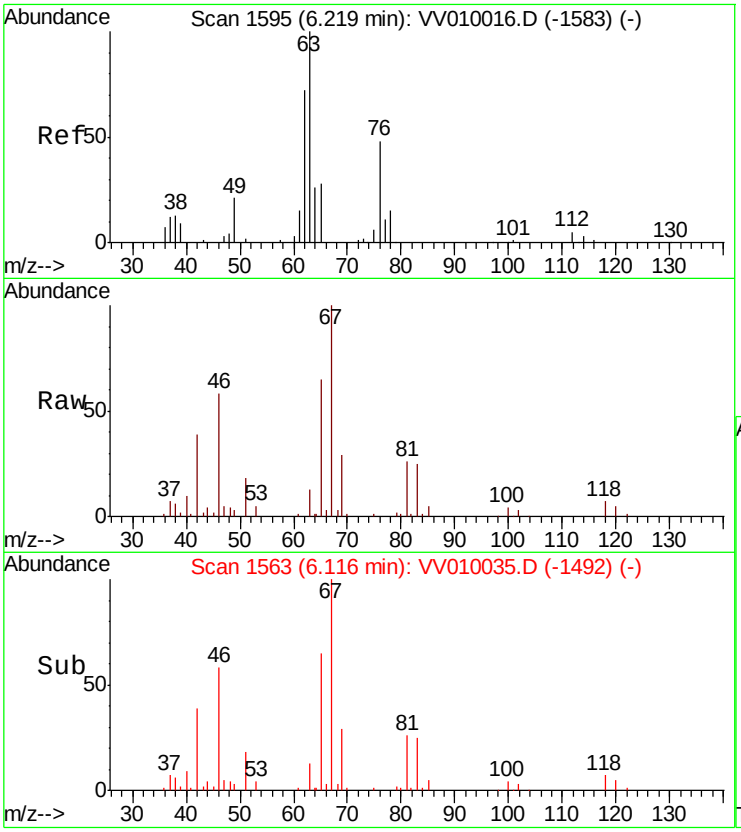


#35
Trichloroethene
Concen: 1.873 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010035.D
Acq: 30 Mar 2019 22:00

Tgt Ion: 95 Resp: 4010

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#



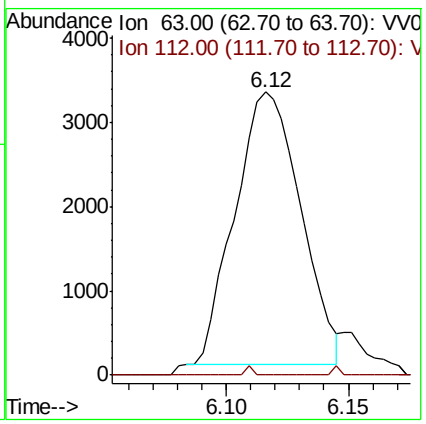


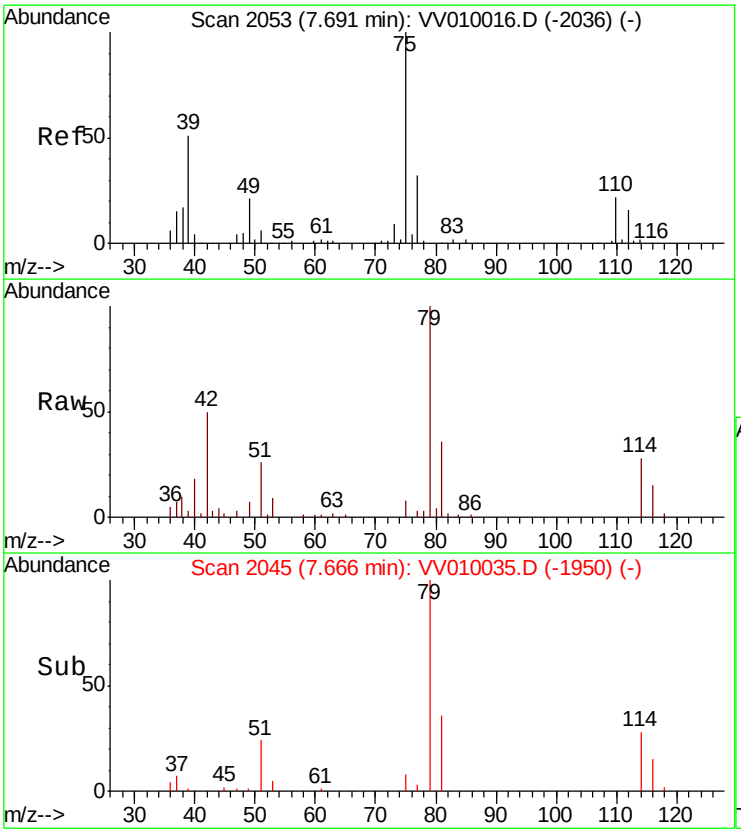
#40
1,2-Dichloropropane
Concen: 2.985 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010035.D
Acq: 30 Mar 2019 22:00

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 63 Resp: 6054

Ion	Ratio	Lower	Upper
63	100		
112	0.7	2.1	3.1#





#45
trans-1,3-Dichloropropene
Concen: 0.464 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV010035.D
Acq: 30 Mar 2019 22:00

Tgt Ion: 75 Resp: 1122

Ion	Ratio	Lower	Upper
75	100		
77	36.1	20.7	38.5