Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033019\
Data File : VV010034.D
Acq On : 30 Mar 2019 21:34
Operator : SY/MD
Sample : K2119-04
Misc : 4.58G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5A1

Quant Time: Mar 30 23:36:50 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	5.67	114	109345	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	113910	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43616	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40138	18.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.36%			
7) Chloroethane-d5	1.57	69	49158	20.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.04%			
10) 1,1-Dichloroethene-d2	2.12	63	92132	15.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.72%			
20) 2-Butanone-d5	3.94	46	16490	39.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.76%			
24) Chloroform-d	4.40	84	57031	20.47	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.88%			
26) 1,2-Dichloroethane-d4	5.08	65	47262	28.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.76%			
29) Benzene-d6	5.10	84	138416	23.14	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.56%			
33) 1,2-Dichloropropane-d6	6.12	67	45683	26.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.40%			
37) Toluene-d8	7.36	98	112655	19.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.60%			
38) trans-1,3-Dichloropropene-	7.66	79	11946	16.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.76%			
39) 2-Hexanone-d5	8.13	63	12524	38.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.68%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43262	24.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.88%			
61) 1,2-Dichlorobenzene-d4	11.68	152	40551	24.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.68%			

Target Compounds						Qvalue
13) Acetone	2.19	43	2297	3.669	ug/L	93
16) Methylene chloride	2.53	84	2719	1.510	ug/L	97
25) Chloroform	4.43	83	17655	6.094	ug/L	96
35) Trichloroethene	5.66	95	3299	1.999	ug/L #	5
45) trans-1,3-Dichloropropene	7.66	75	903	0.484	ug/L	86
49) 2-Hexanone	8.17	43	3322	4.407	ug/L #	43
59) 1,2,3-Trichloropropane	11.30	75	6988	5.557	ug/L	95

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

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Quant Title : VOC Analysis
QLast Update : Sat Mar 30 23:31:11 2019
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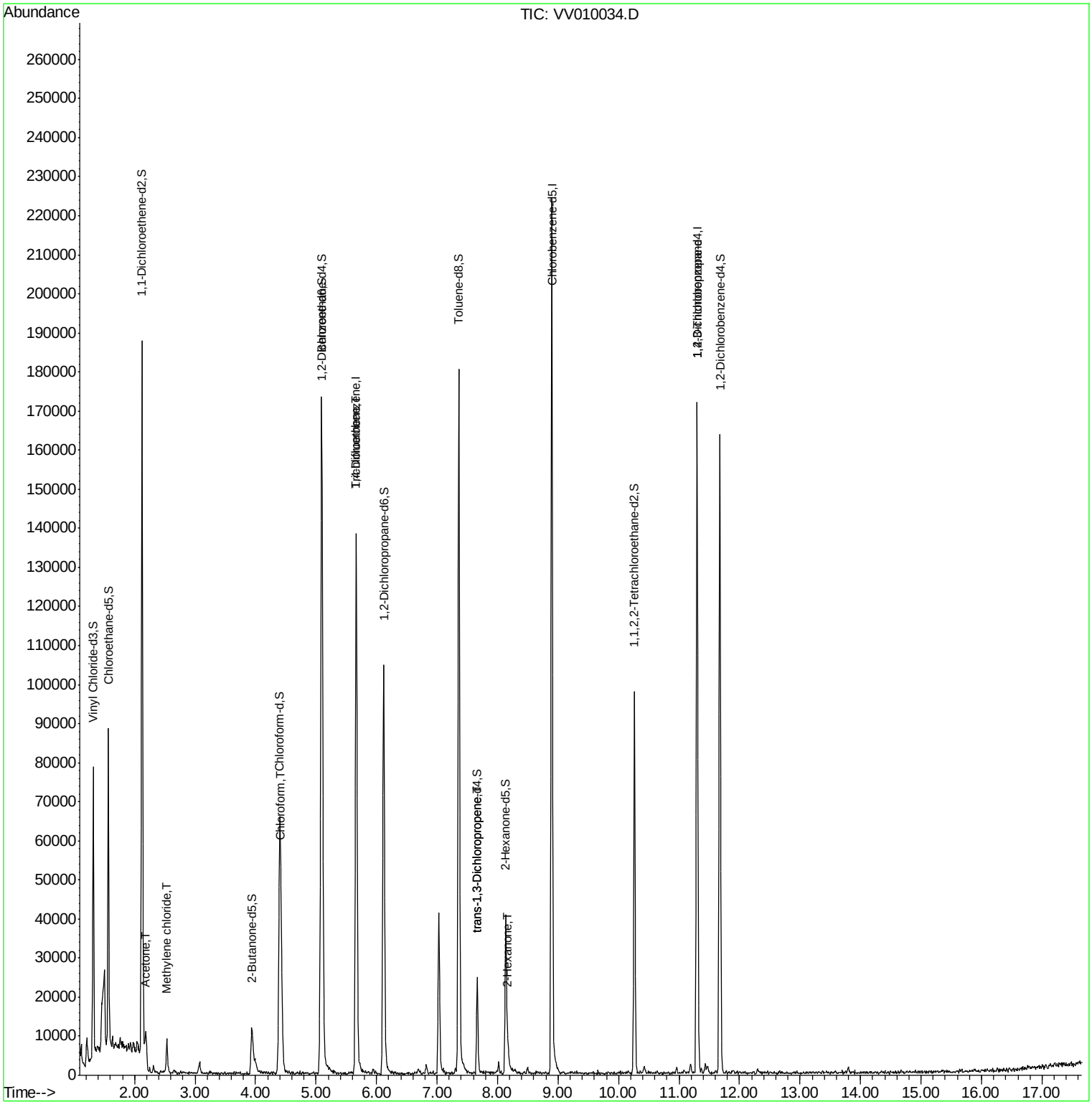
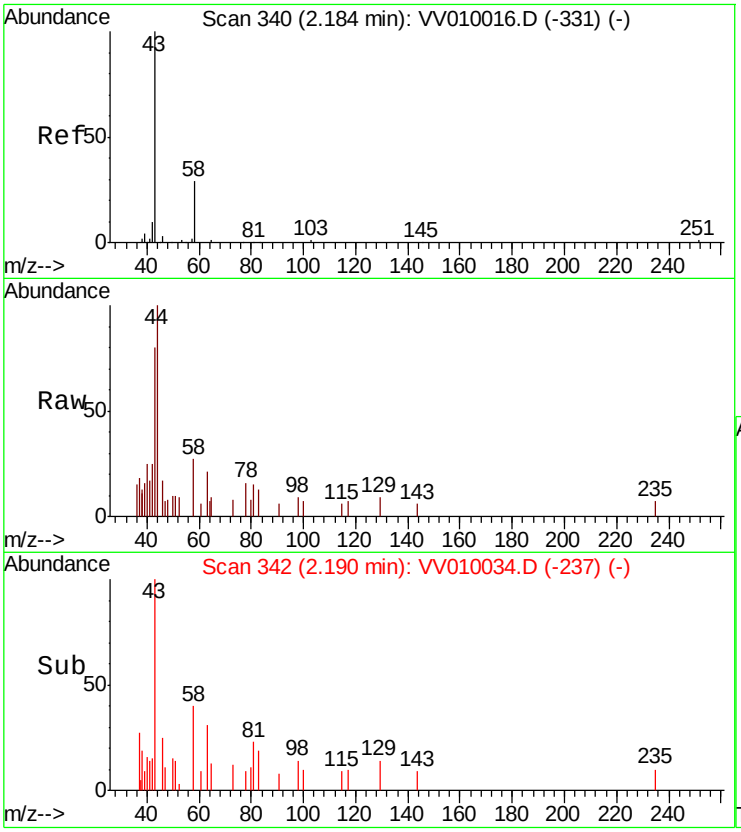


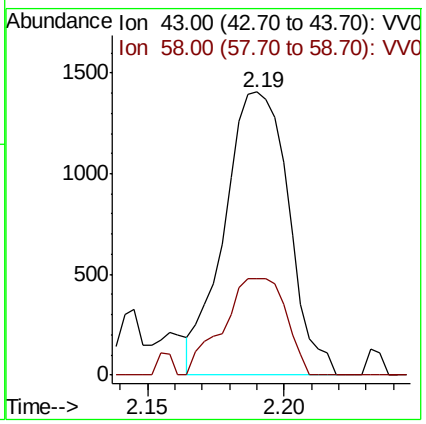


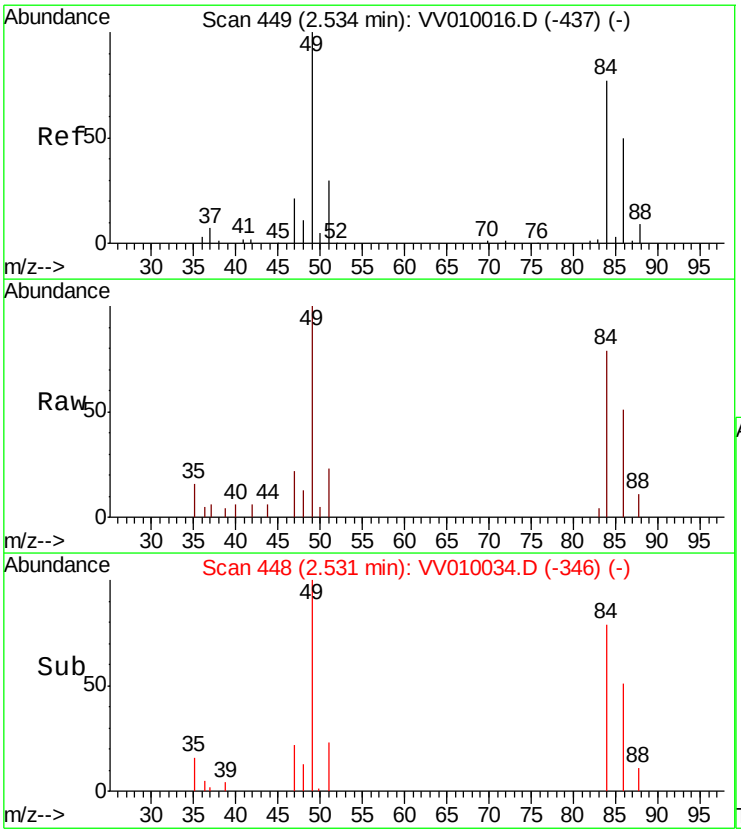
#13
Acetone
Concen: 3.669 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV010034.D
Acq: 30 Mar 2019 21:34

Instrument : MSVOA_V
ClientSampleId : BF5A1

Tgt Ion: 43 Resp: 2297

Ion	Ratio	Lower	Upper
43	100		
58	33.3	0.0	59.4

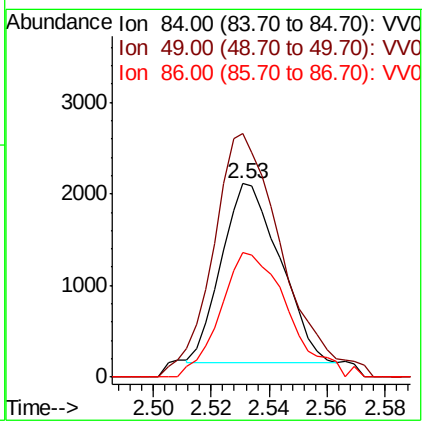


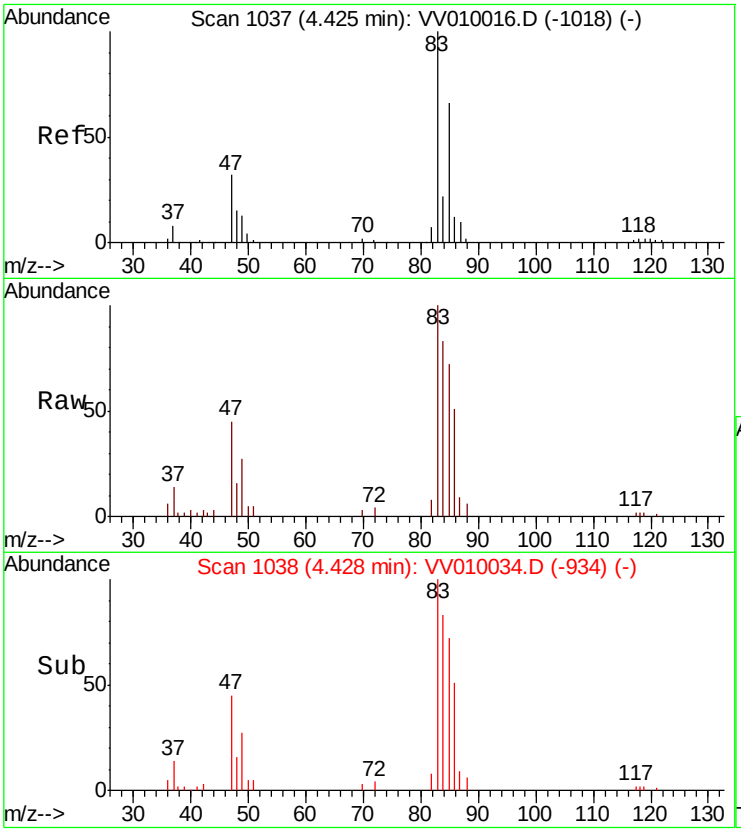


#16
Methylene chloride
Concen: 1.510 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010034.D
Acq: 30 Mar 2019 21:34

Tgt Ion: 84 Resp: 2719

Ion	Ratio	Lower	Upper
84	100		
49	125.9	90.4	167.8
86	64.5	44.0	81.6



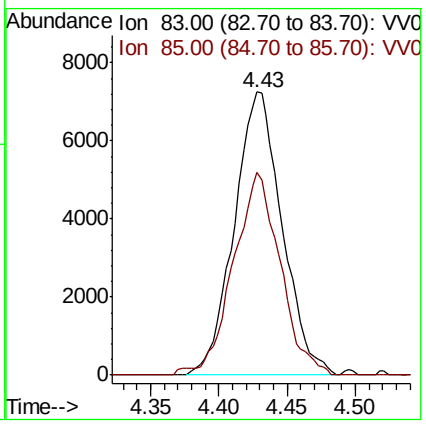


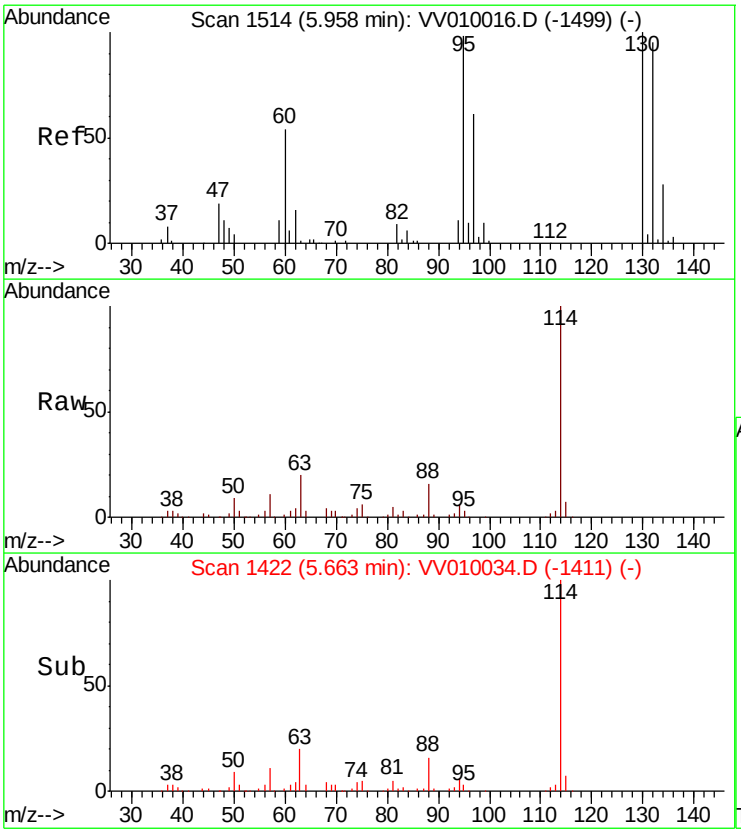
#25
Chloroform
Concen: 6.094 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010034.D
Acq: 30 Mar 2019 21:34

Instrument : MSVOA_V
ClientSampleId : BF5A1

Tgt Ion: 83 Resp: 17655

Ion	Ratio	Lower	Upper
83	100		
85	69.1	46.1	85.7

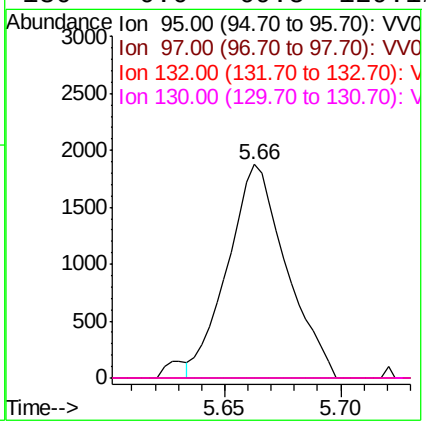


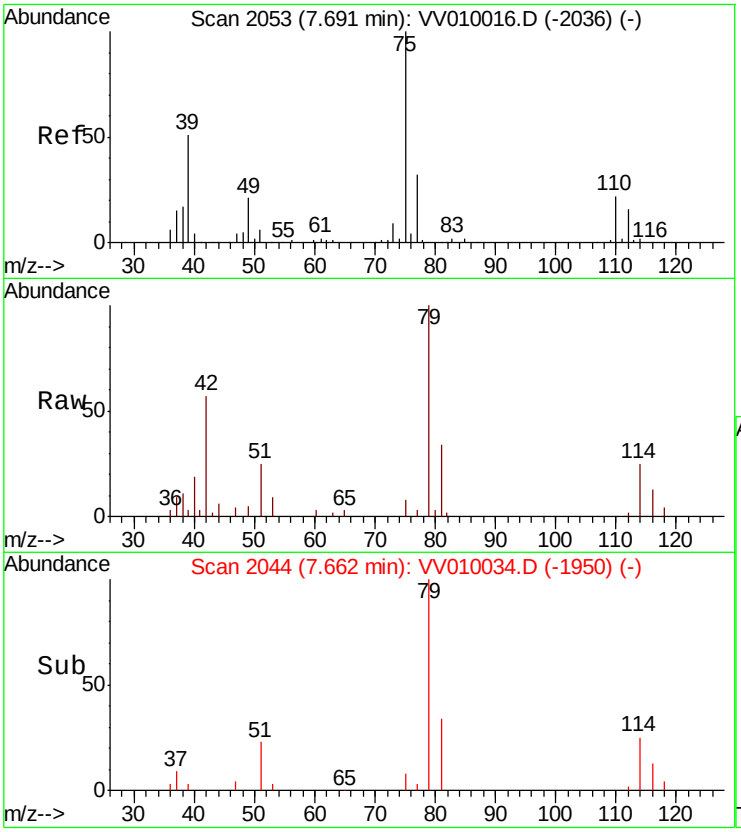


#35
Trichloroethene
Concen: 1.999 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV010034.D
Acq: 30 Mar 2019 21:34

Tgt Ion: 95 Resp: 3299

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#



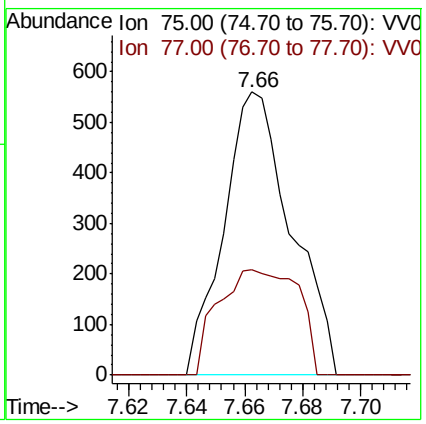


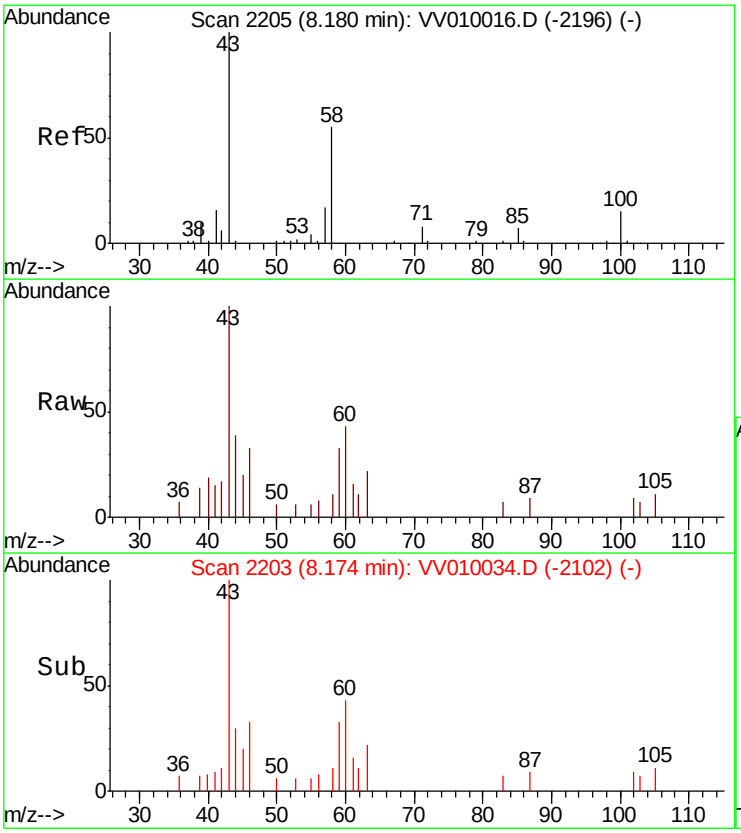
#45
trans-1,3-Dichloropropene
Concen: 0.484 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV010034.D
Acq: 30 Mar 2019 21:34

Instrument :
MSVOA_V
ClientSampleId :
BF5A1

Tgt Ion: 75 Resp: 903

Ion	Ratio	Lower	Upper
75	100		
77	37.3	20.7	38.5

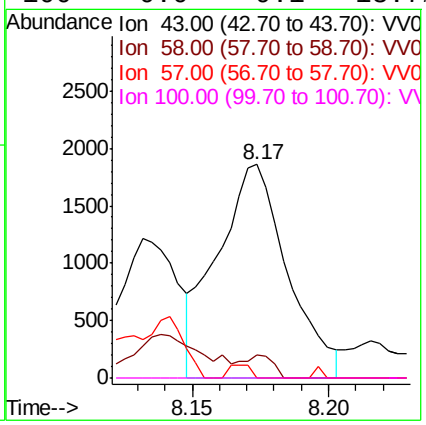


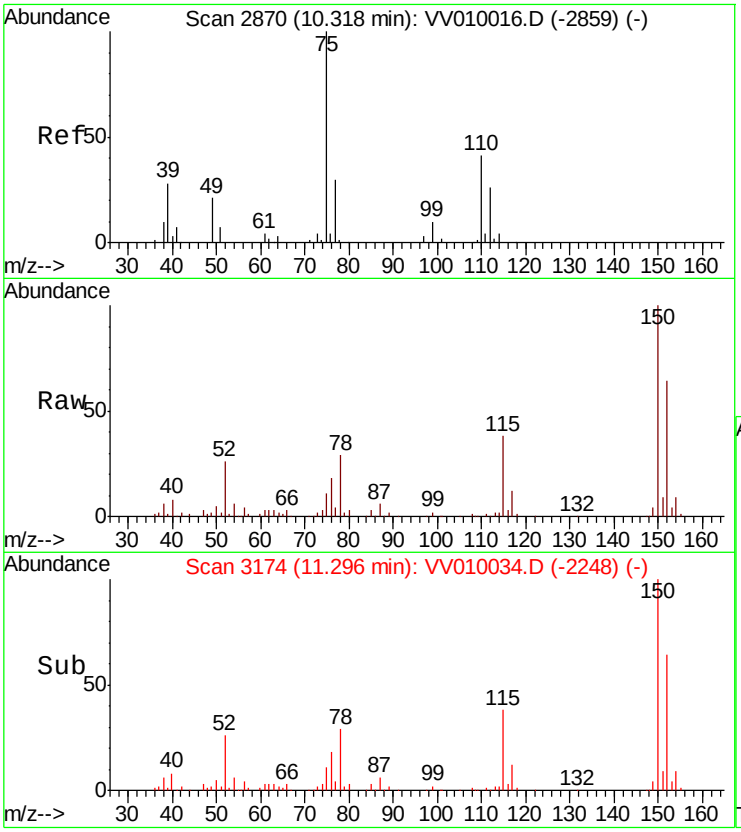


#49
2-Hexanone
Concen: 4.407 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VV010034.D
Acq: 30 Mar 2019 21:34

Tgt Ion: 43 Resp: 3322

Ion	Ratio	Lower	Upper
43	100		
58	3.0	42.0	63.0#
57	1.9	12.9	19.3#
100	0.0	9.1	13.7#





#59
1,2,3-Trichloropropane
Concen: 5.557 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010034.D
Acq: 30 Mar 2019 21:34

Instrument :
MSVOA_V
ClientSampleId :
BF5A1

Tgt Ion: 75 Resp: 6988

Ion	Ratio	Lower	Upper
75	100		
77	35.8	26.2	39.2