Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032019\

Quantitation Report (Not Reviewed)

Data File : VW009308.D
Acq On : 21 Mar 2019 01:51
Operator : SY/VA
Sample : K1988-09
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF0C0

Quant Time: Mar 21 12:24:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	303078	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	257356	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	95560	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	89797	24.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.16%			
7) Chloroethane-d5	2.90	69	79766	18.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.28%			
10) 1,1-Dichloroethene-d2	4.02	63	128946	16.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.88%			
20) 2-Butanone-d5	7.07	46	61788	41.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.50%			
24) Chloroform-d	7.65	84	176821	21.38	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.52%			
26) 1,2-Dichloroethane-d4	8.31	65	107252	21.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.12%			
29) Benzene-d6	8.27	84	325492	22.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.72%			
33) 1,2-Dichloropropane-d6	9.27	67	98977	23.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.88%			
37) Toluene-d8	10.32	98	262801	20.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.12%			
38) trans-1,3-Dichloropropene-	10.58	79	39943	18.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.64%			
39) 2-Hexanone-d5	10.93	63	42908	41.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.12%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91524	21.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.20%			
61) 1,2-Dichlorobenzene-d4	13.86	152	77036	21.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.08%			
Target Compounds						Qvalue
13) Acetone	4.12	43	8995	7.323	ug/L	83
14) Carbon disulfide	4.37	76	6869	0.684	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	4585	1.168	ug/L	88
21) 2-Butanone	7.18	43	2171	1.280	ug/L #	49
22) cis-1,2-Dichloroethene	7.17	96	344071	80.945	ug/L	95
35) Trichloroethene	9.09	95	30452	8.113	ug/L	97
36) Methylcyclohexane	9.27	83	25019	3.853	ug/L #	17
42) cis-1,3-Dichloropropene	10.04	75	3467	0.589	ug/L #	76
47) Tetrachloroethene	10.86	164	4378	1.380	ug/L	82

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032019\

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
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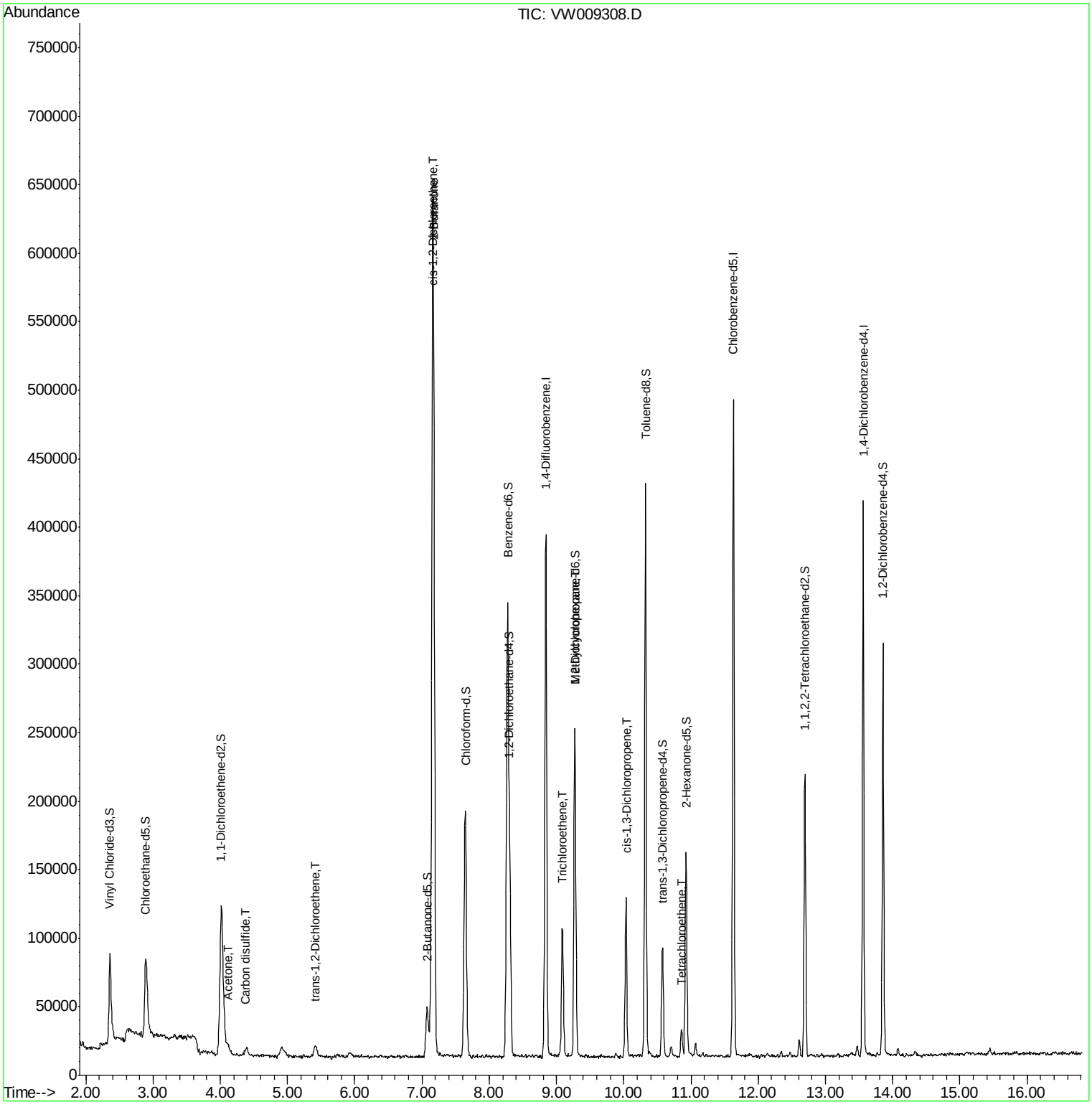
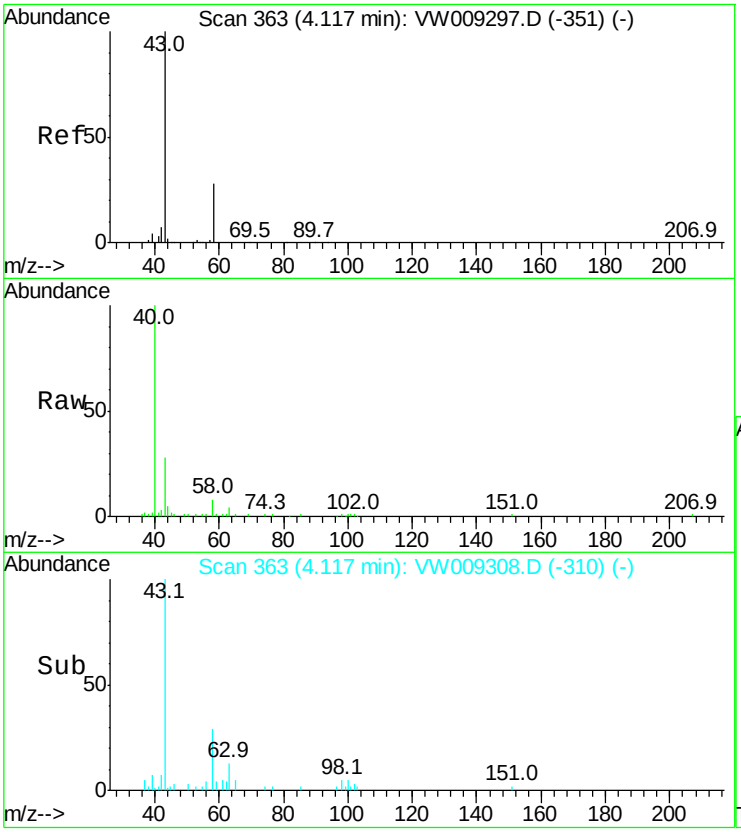
Quant Time: Mar 21 12:24:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration



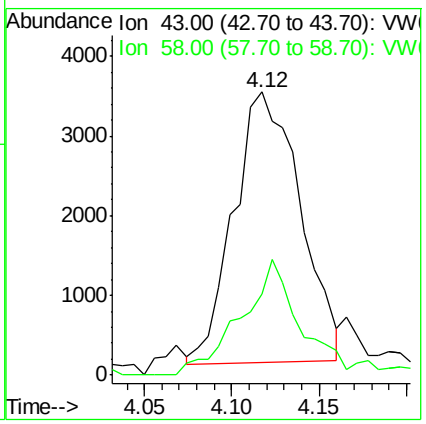


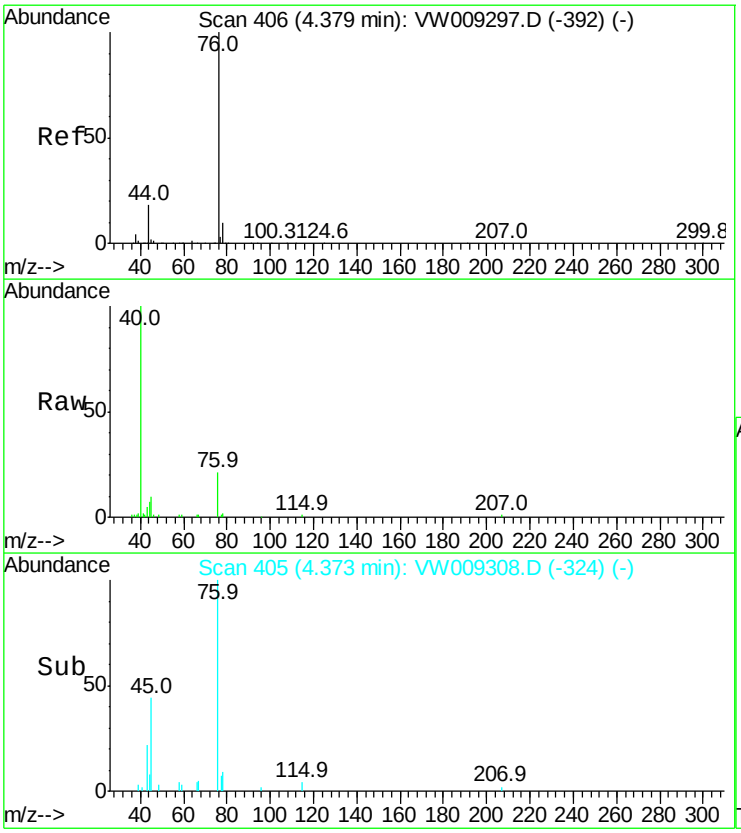
#13
Acetone
Concen: 7.323 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009308.D
Acq: 21 Mar 2019 01:51

Instrument : MSVOA_W
ClientSampleId : BF0C0

Tgt Ion: 43 Resp: 8995

Ion	Ratio	Lower	Upper
43	100		
58	37.3	0.0	56.2

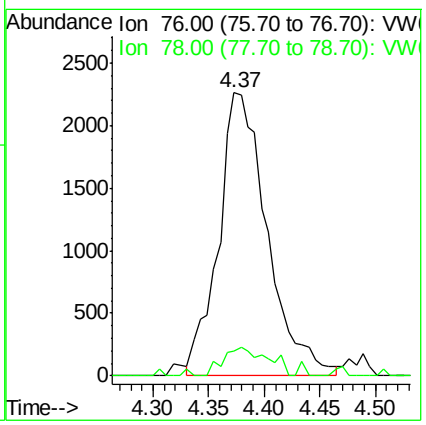


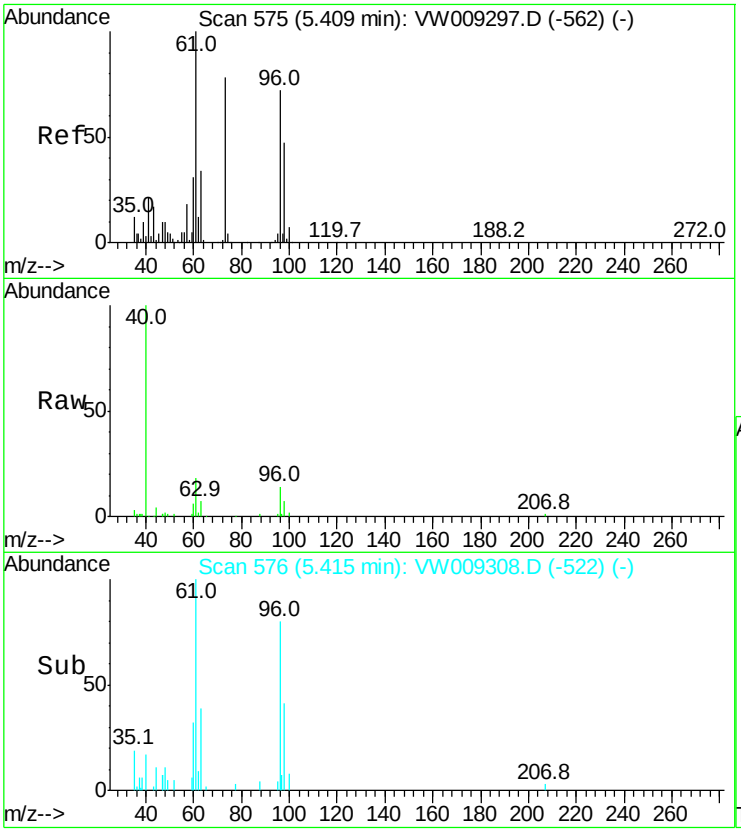


#14
Carbon disulfide
Concen: 0.684 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009308.D
Acq: 21 Mar 2019 01:51

Tgt Ion: 76 Resp: 6869

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9



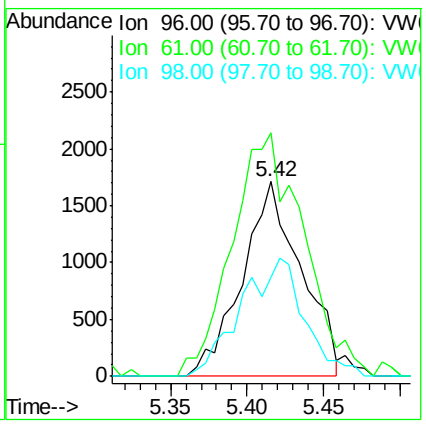


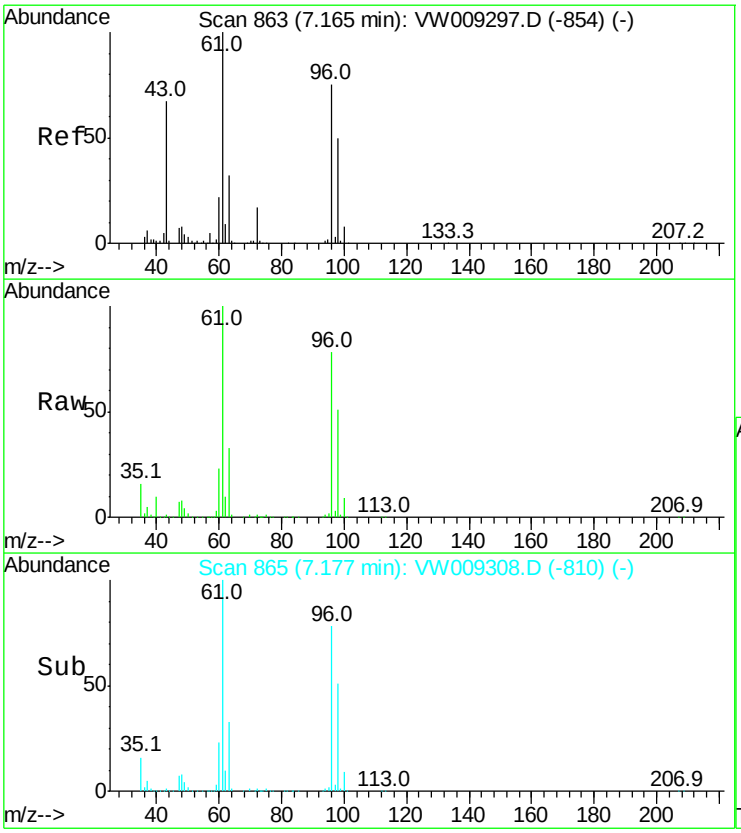
#18
trans-1,2-Dichloroethene
Concen: 1.168 ug/L
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW009308.D
Acq: 21 Mar 2019 01:51

Instrument : MSVOA_W
ClientSampleId : BF0C0

Tgt Ion: 96 Resp: 4585

Ion	Ratio	Lower	Upper
96	100		
61	125.0	96.7	179.5
98	50.8	43.8	81.4

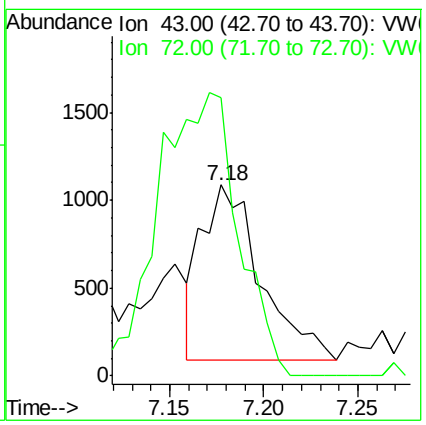


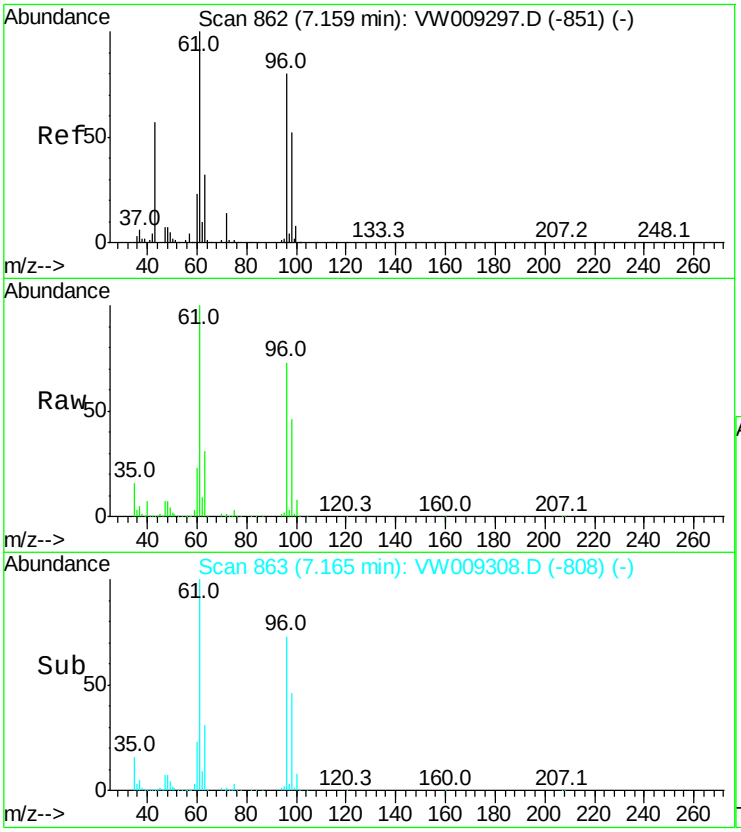


#21
2-Butanone
Concen: 1.280 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009308.D
Acq: 21 Mar 2019 01:51

Tgt Ion: 43 Resp: 2171

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.1	39.1#



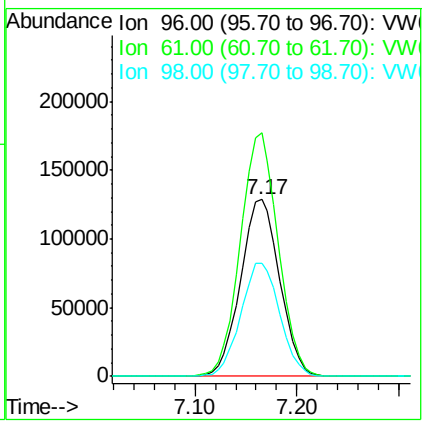


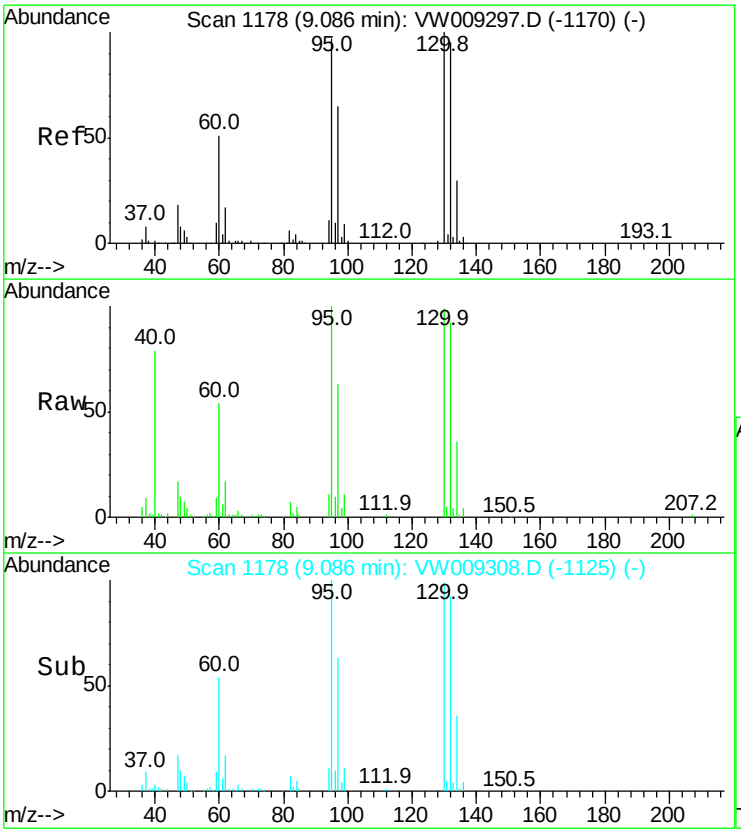
#22
cis-1,2-Dichloroethene
Concen: 80.945 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009308.D
Acq: 21 Mar 2019 01:51

Instrument : MSVOA_W
ClientSampleId : BF0C0

Tgt Ion: 96 Resp: 344071

Ion	Ratio	Lower	Upper
96	100		
61	137.8	90.6	168.3
98	63.9	44.0	81.8

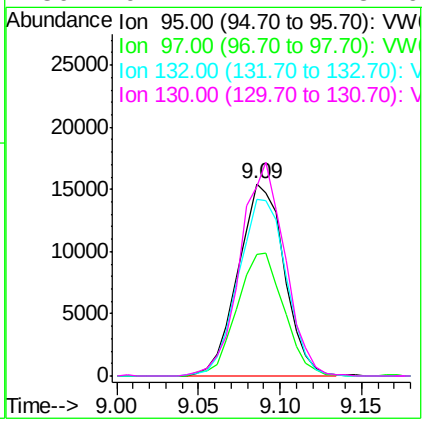


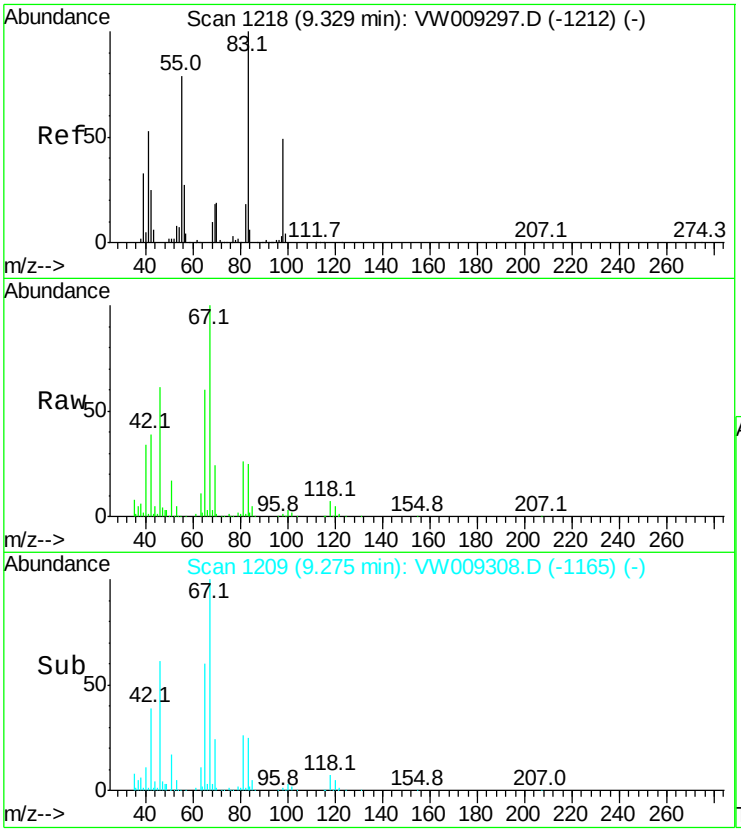


#35
Trichloroethene
Concen: 8.113 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW009308.D
Acq: 21 Mar 2019 01:51

Tgt Ion: 95 Resp: 30452

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.7	82.9
132	95.7	69.0	128.2
130	107.2	72.7	134.9



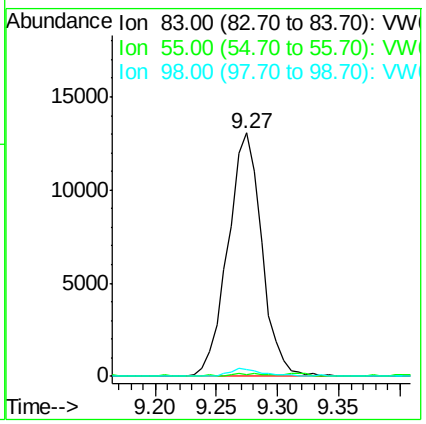


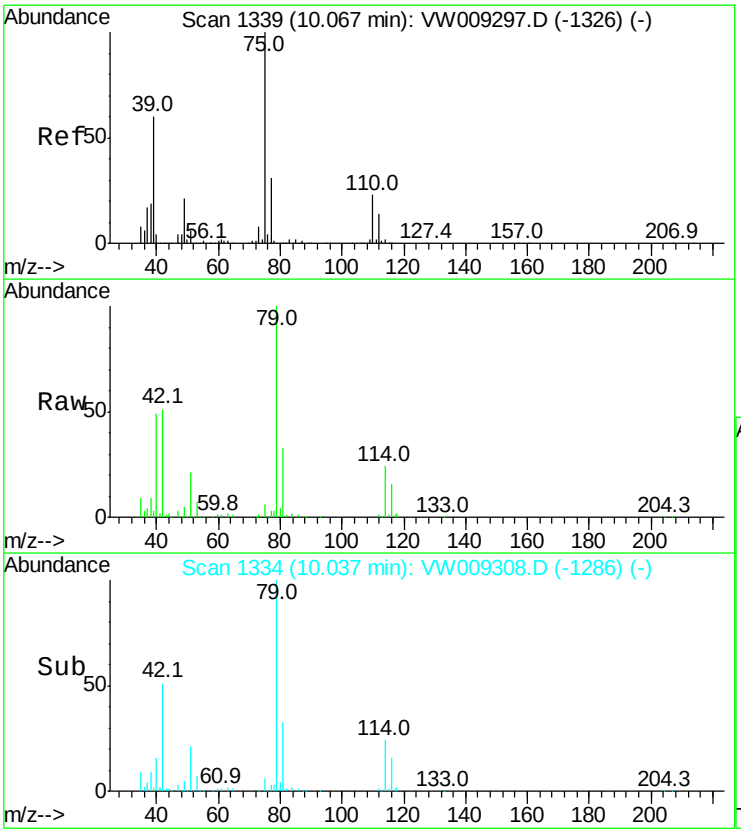
#36
Methylcyclohexane
Concen: 3.853 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW009308.D
Acq: 21 Mar 2019 01:51

Instrument : MSVOA_W
ClientSampleId : BF0C0

Tgt Ion: 83 Resp: 25019

Ion	Ratio	Lower	Upper
83	100		
55	0.6	63.5	95.3#
98	0.0	39.8	59.8#

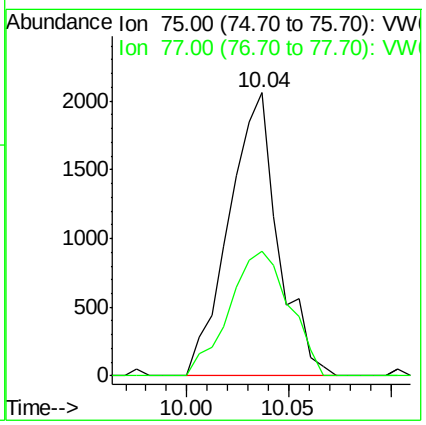


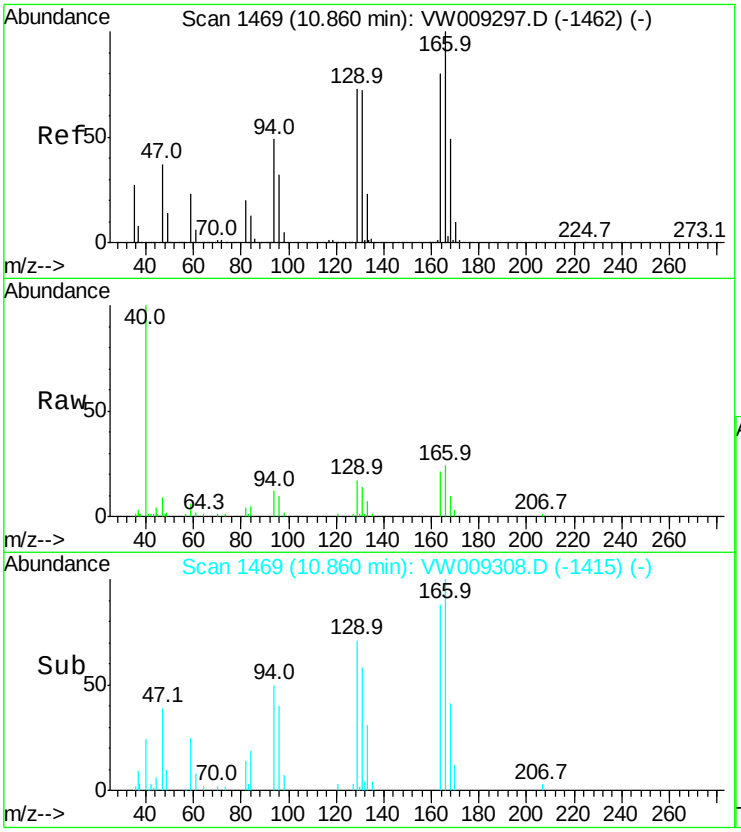


#42
cis-1,3-Dichloropropene
Concen: 0.589 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW009308.D
Acq: 21 Mar 2019 01:51

Tgt Ion: 75 Resp: 3467

Ion	Ratio	Lower	Upper
75	100		
77	43.8	21.6	40.2#





#47
Tetrachloroethene
Concen: 1.380 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009308.D
Acq: 21 Mar 2019 01:51

Instrument :
MSVOA_W
ClientSampleId :
BF0C0

Tgt Ion:164 Resp: 4378

Ion	Ratio	Lower	Upper
164	100		
129	80.3	66.5	123.5
131	66.3	62.6	116.3
166	113.5	91.6	170.0