Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\

Quantitation Report (Not Reviewed)

Data File : VW009551.D
Acq On : 28 Mar 2019 22:34
Operator : SY/VA
Sample : K2068-16
Misc : 5.28G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5L0RE

Quant Time: Mar 29 07:44:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307580	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	246847	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69419	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	130565	35.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 142.08%			
7) Chloroethane-d5	2.89	69	119746	27.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.36%			
10) 1,1-Dichloroethene-d2	4.01	63	214192	26.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 107.84%			
20) 2-Butanone-d5	7.07	46	60229	39.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.24%			
24) Chloroform-d	7.64	84	220403	26.26	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.04%			
26) 1,2-Dichloroethane-d4	8.31	65	137652	27.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.88%			
29) Benzene-d6	8.27	84	413946	30.41	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 121.64%			
33) 1,2-Dichloropropane-d6	9.27	67	125137	30.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 122.40%#			
37) Toluene-d8	10.32	98	330213	26.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.92%			
38) trans-1,3-Dichloropropene-	10.57	79	40281	19.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.48%			
39) 2-Hexanone-d5	10.93	63	41215	41.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.24%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102144	25.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.48%			
61) 1,2-Dichlorobenzene-d4	13.86	152	69334	26.05	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.20%			

Target Compounds						Qvalue
5) Vinyl chloride	2.36	62	1398	0.316	ug/L #	1
9) Trichlorofluoromethane	3.66	101	10173	2.911	ug/L	95
12) 1,1-Dichloroethene	4.04	96	48817	12.889	ug/L #	60
13) Acetone	4.12	43	54867	44.015	ug/L	100
16) Methylene chloride	4.92	84	36537	8.146	ug/L	90
21) 2-Butanone	7.17	43	19653	11.418	ug/L	91
35) Trichloroethene	8.84	95	10394	2.887	ug/L #	4
42) cis-1,3-Dichloropropene	10.04	75	3675	0.651	ug/L	86
45) trans-1,3-Dichloropropene	10.57	75	2269	0.462	ug/L #	80

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

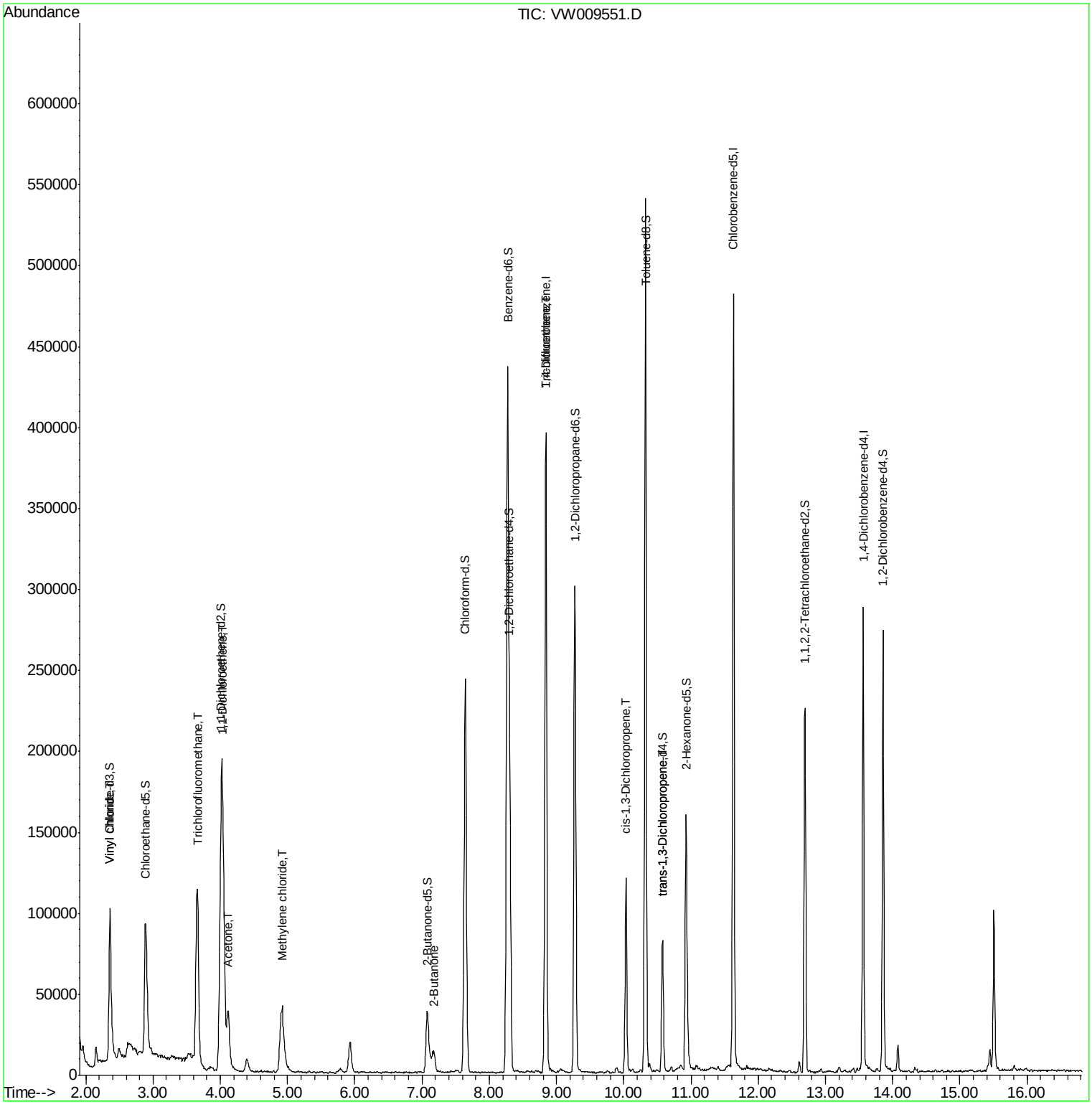
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\

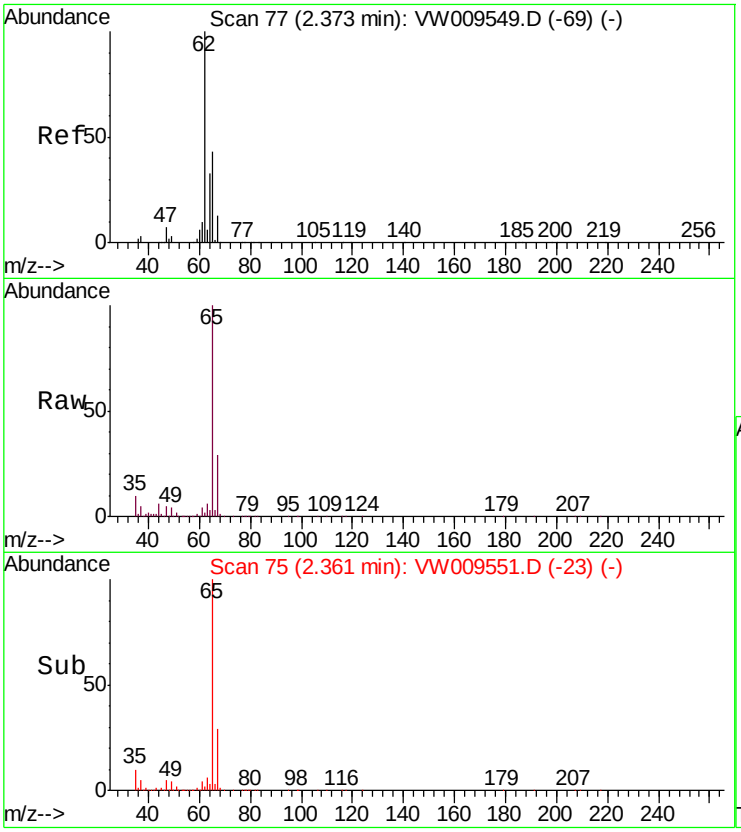
Quantitation Report (Not Reviewed)

Data File : VW009551.D
Acq On : 28 Mar 2019 22:34
Operator : SY/VA
Sample : K2068-16
Misc : 5.28G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5L0RE

Quant Time: Mar 29 07:44:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration



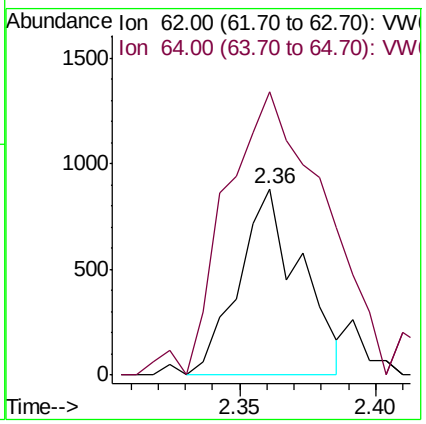


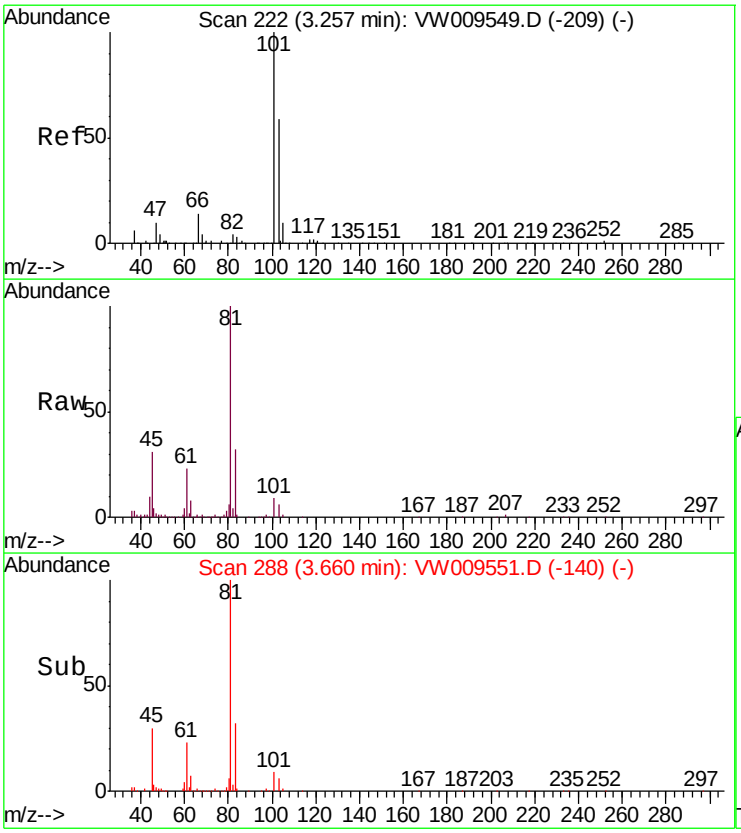
#5
Vinyl chloride
Concen: 0.316 ug/L
RT: 2.36 min Scan# 75
Delta R.T. -0.01 min
Lab File: VW009551.D
Acq: 28 Mar 2019 22:34

Instrument :
MSVOA_W
ClientSampleId :
BF5L0RE

Tgt Ion: 62 Resp: 1398

Ion	Ratio	Lower	Upper
62	100		
64	151.9	23.0	42.6#

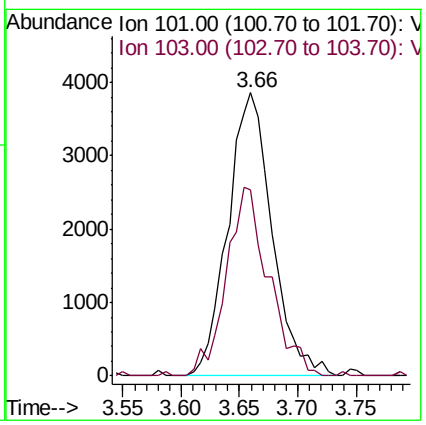


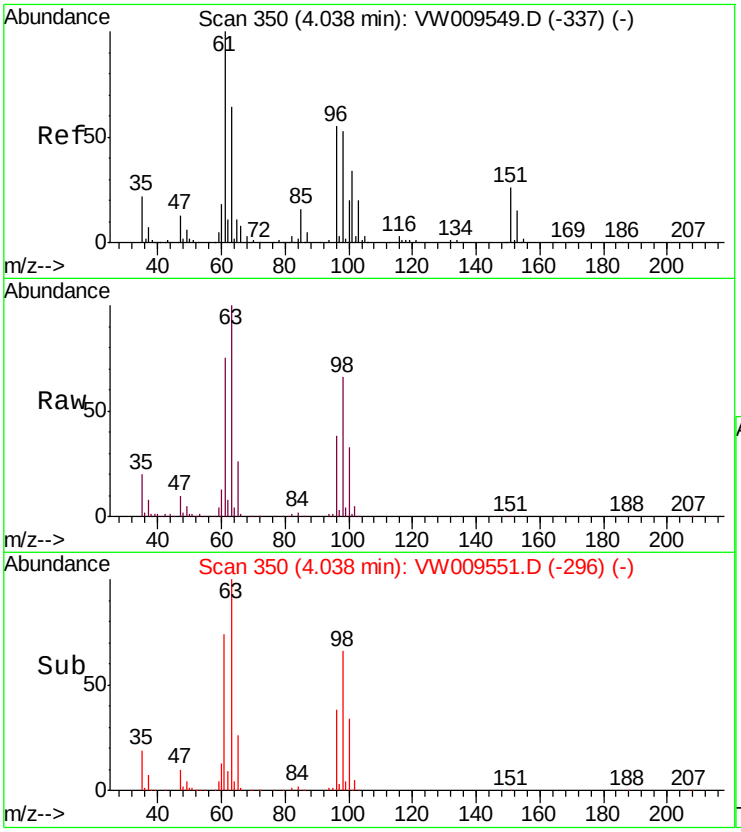


#9
Trichlorofluoromethane
Concen: 2.911 ug/L
RT: 3.66 min Scan# 288
Delta R.T. 0.40 min
Lab File: VW009551.D
Acq: 28 Mar 2019 22:34

Tgt Ion:101 Resp: 10173

Ion	Ratio	Lower	Upper
101	100		
103	60.7	45.0	83.6



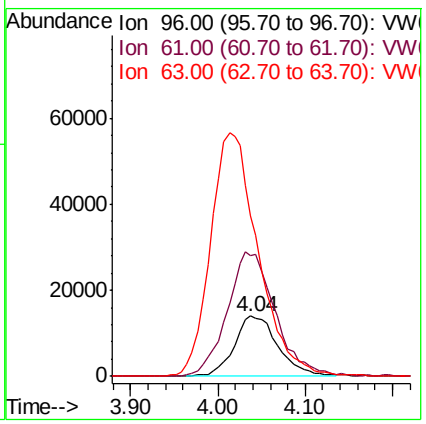


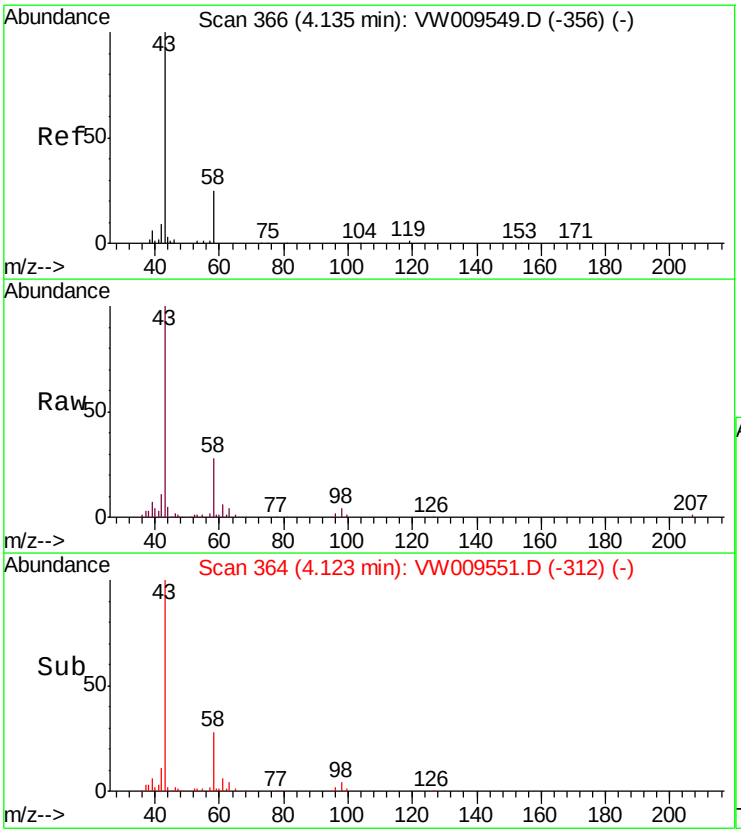
#12
1,1-Dichloroethene
Concen: 12.889 ug/L
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW009551.D
Acq: 28 Mar 2019 22:34

Instrument : MSVOA_W
ClientSampleId : BF5L0RE

Tgt Ion: 96 Resp: 48817

Ion	Ratio	Lower	Upper
96	100		
61	199.4	129.4	240.2
63	265.7	116.8	217.0#

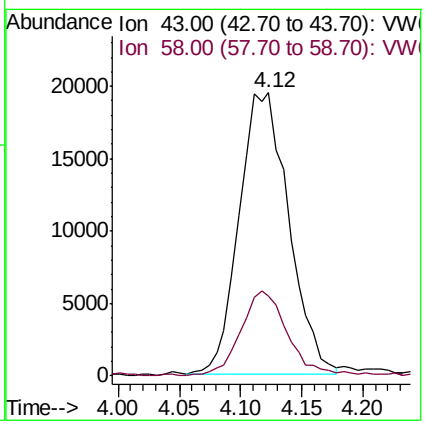


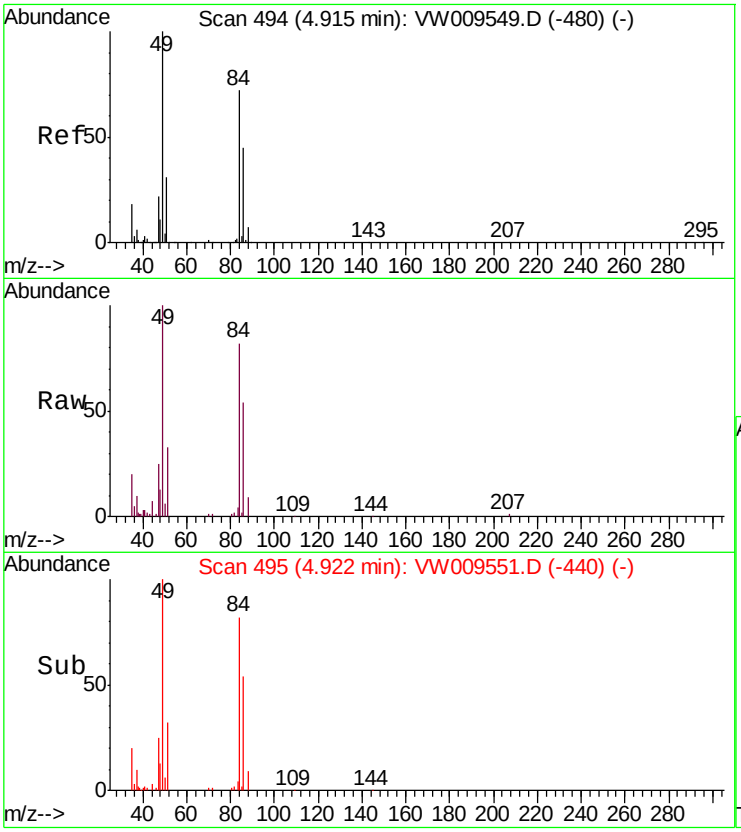


#13
Acetone
Concen: 44.015 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW009551.D
Acq: 28 Mar 2019 22:34

Tgt Ion: 43 Resp: 54867

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	56.2



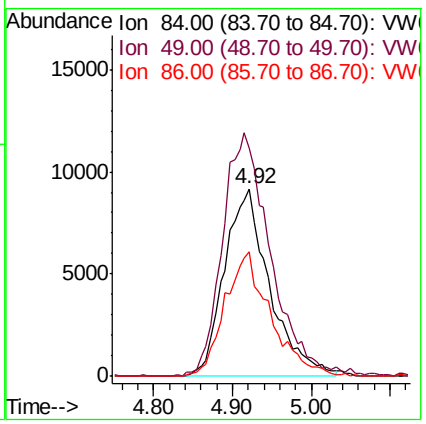


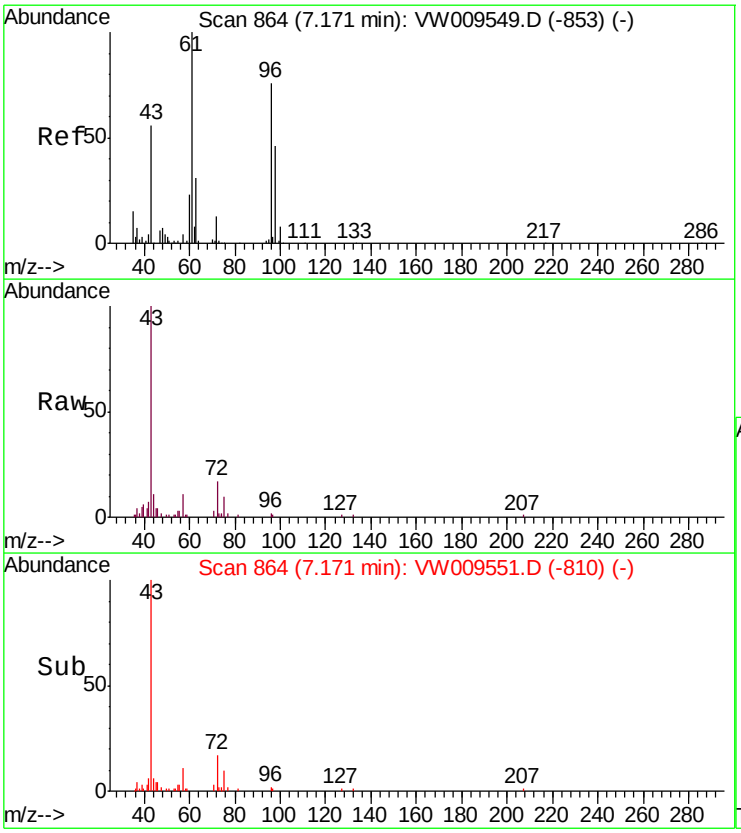
#16
Methylene chloride
Concen: 8.146 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009551.D
Acq: 28 Mar 2019 22:34

Instrument : MSVOA_W
ClientSampleId : BF5L0RE

Tgt Ion: 84 Resp: 36537

Ion	Ratio	Lower	Upper
84	100		
49	121.4	96.0	178.2
86	66.0	44.4	82.5

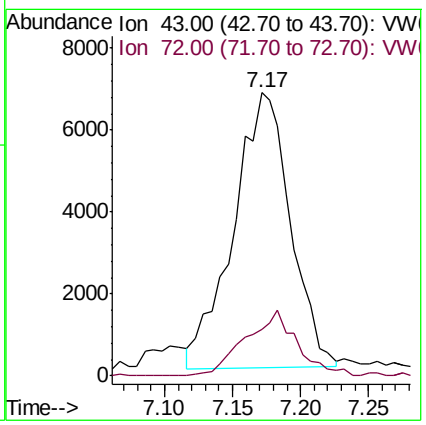


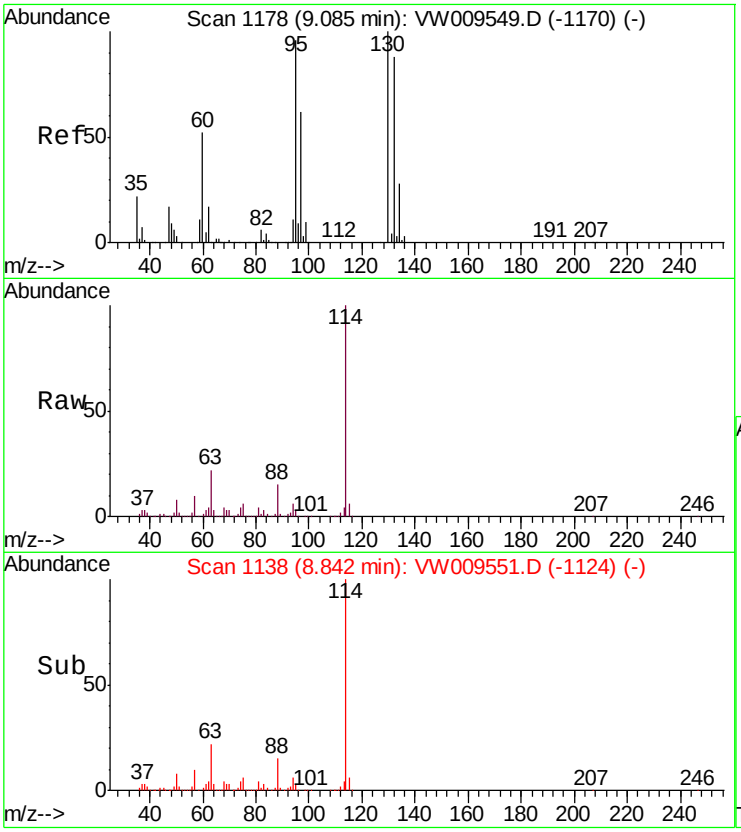


#21
2-Butanone
Concen: 11.418 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009551.D
Acq: 28 Mar 2019 22:34

Tgt Ion: 43 Resp: 19653

Ion	Ratio	Lower	Upper
43	100		
72	21.4	13.1	39.1



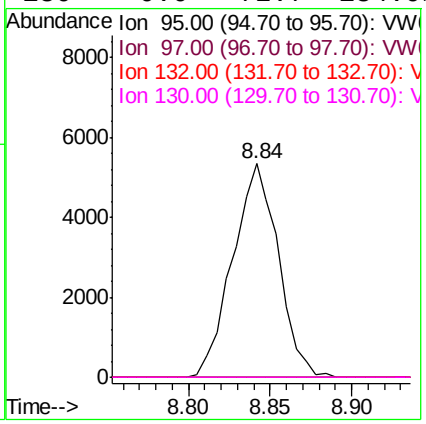


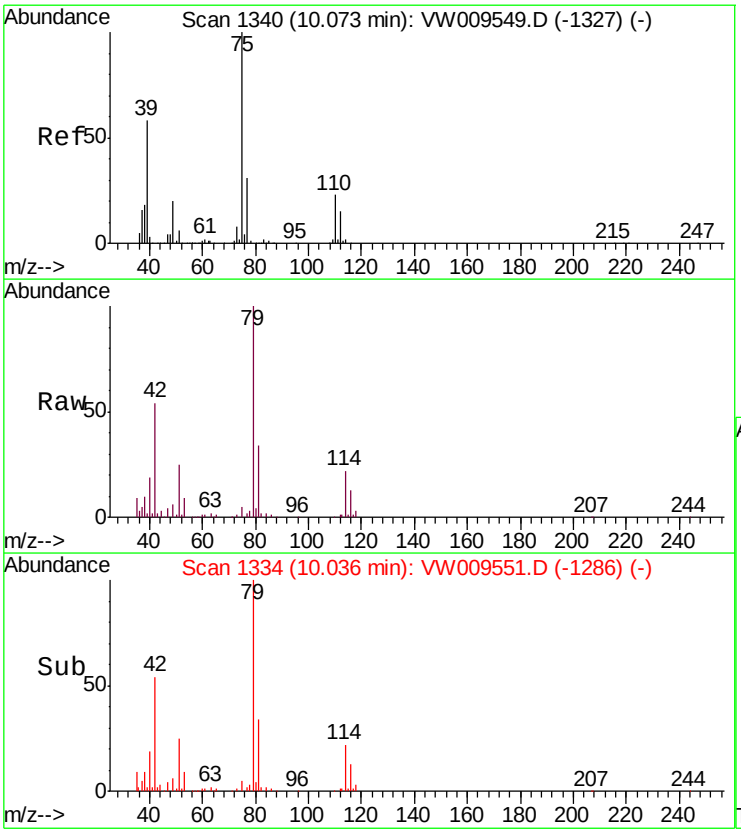
#35
Trichloroethene
Concen: 2.887 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VW009551.D
Acq: 28 Mar 2019 22:34

Instrument : MSVOA_W
ClientSampleId : BF5L0RE

Tgt Ion: 95 Resp: 10394

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.7	82.9#
132	0.0	69.0	128.2#
130	0.0	72.7	134.9#

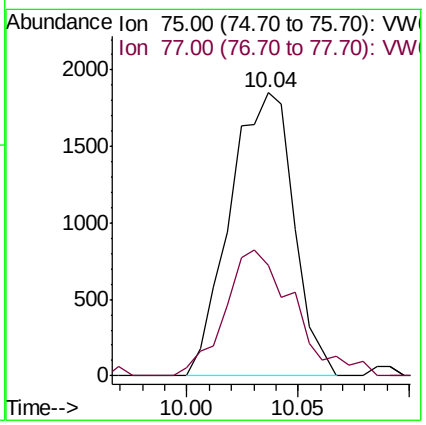


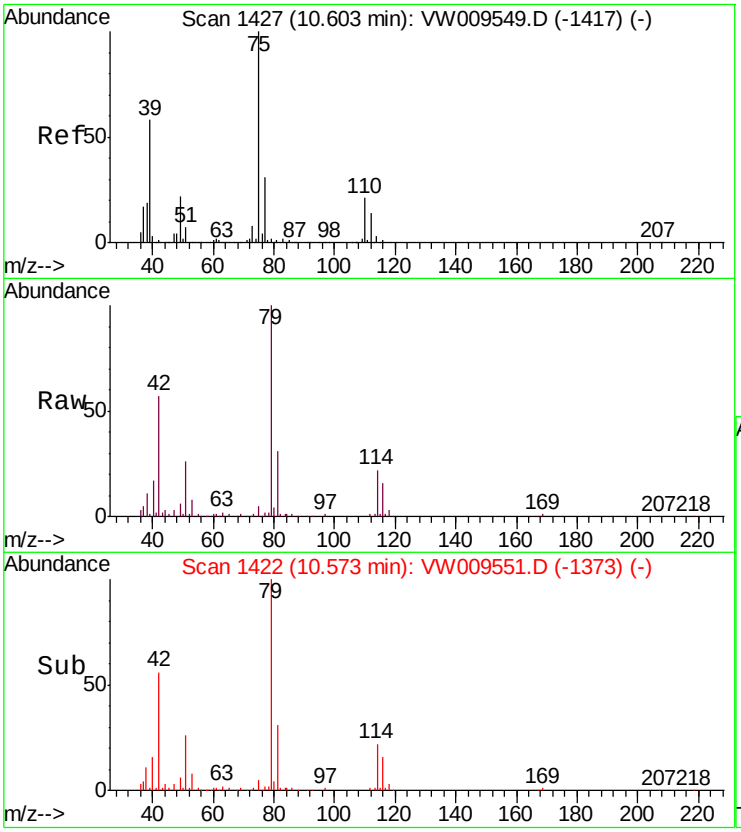


#42
cis-1,3-Dichloropropene
Concen: 0.651 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW009551.D
Acq: 28 Mar 2019 22:34

Tgt Ion: 75 Resp: 3675

Ion	Ratio	Lower	Upper
75	100		
77	38.8	21.6	40.2





#45
trans-1,3-Dichloropropene
Concen: 0.462 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW009551.D
Acq: 28 Mar 2019 22:34

Instrument :
MSVOA_W
ClientSampleId :
BF5L0RE

Tgt Ion: 75 Resp: 2269

Ion	Ratio	Lower	Upper
75	100		
77	43.5	22.5	41.7#