Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

Quantitation Report (Not Reviewed)

Data File : VW007974.D
Acq On : 27 Dec 2018 17:25
Operator : SY/AP
Sample : J6441-06
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Quant Time: Dec 28 05:59:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 05:56:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	95608	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	86200	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	41153	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	24293	25.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.12%			
7) Chloroethane-d5	2.90	69	16827	26.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.04%			
10) 1,1-Dichloroethene-d2	4.01	63	46209	18.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.48%			
20) 2-Butanone-d5	7.08	46	18981	47.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.48%			
24) Chloroform-d	7.65	84	59982	23.58	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.32%			
26) 1,2-Dichloroethane-d4	8.31	65	37845	24.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%			
29) Benzene-d6	8.27	84	117431	24.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.16%			
33) 1,2-Dichloropropane-d6	9.27	67	31938	24.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.16%			
37) Toluene-d8	10.32	98	111312	23.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.52%			
38) trans-1,3-Dichloropropene-	10.58	79	17687	23.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.72%			
39) 2-Hexanone-d5	10.93	63	15291	45.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.92%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29818	23.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.24%			
61) 1,2-Dichlorobenzene-d4	13.86	152	41504	24.97	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.88%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.01	96	319	0.289	ug/L #	1
13) Acetone	4.12	43	635	1.617	ug/L	58
15) Methyl Acetate	4.39	43	389	0.651	ug/L #	50
16) Methylene chloride	4.92	84	7095	4.586	ug/L	89
21) 2-Butanone	7.16	43	236	0.528	ug/L #	46
27) 1,2-Dichloroethane	8.27	62	769	0.467	ug/L #	80
35) Trichloroethene	8.84	95	3221	2.403	ug/L #	5
40) 1,2-Dichloropropane	9.27	63	4122	3.802	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1221	0.645	ug/L #	78
49) 2-Hexanone	10.93	43	1927	3.112	ug/L #	63

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

Quantitation Report (Not Reviewed)

Data File : VW007974.D
Acq On : 27 Dec 2018 17:25
Operator : SY/AP
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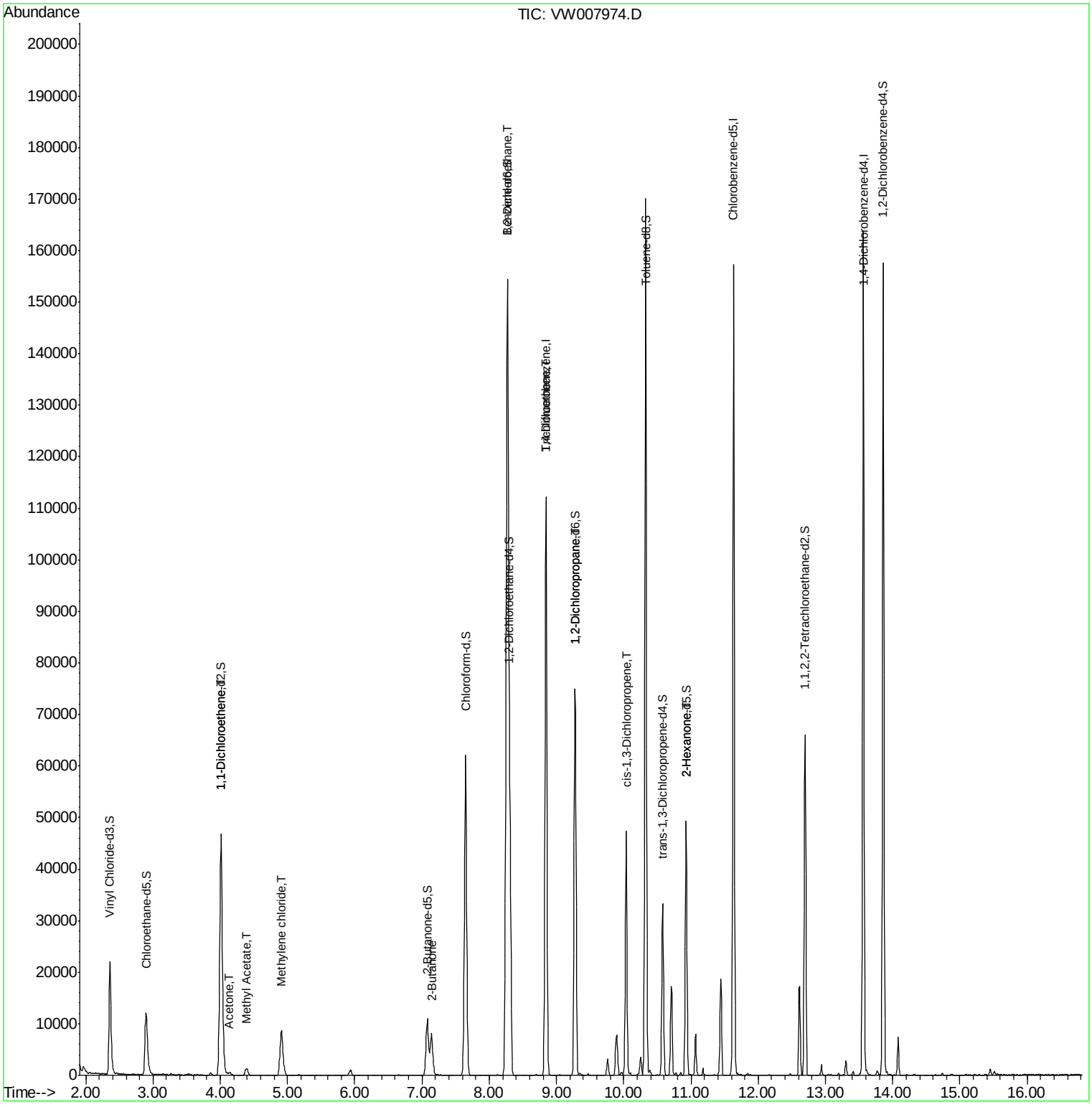
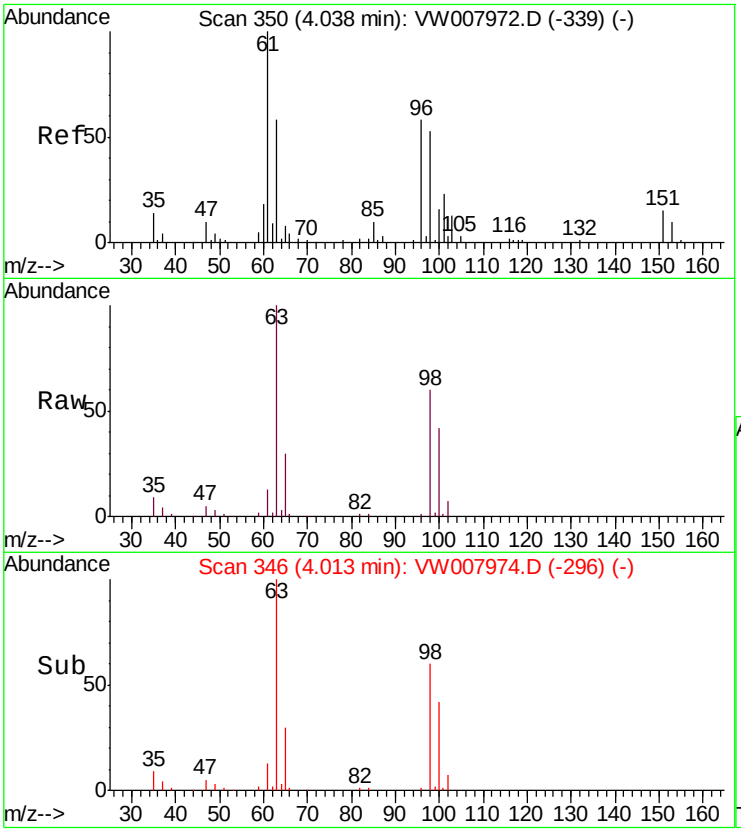
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Quant Time: Dec 28 05:59:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 05:56:01 2018
Response via : Initial Calibration



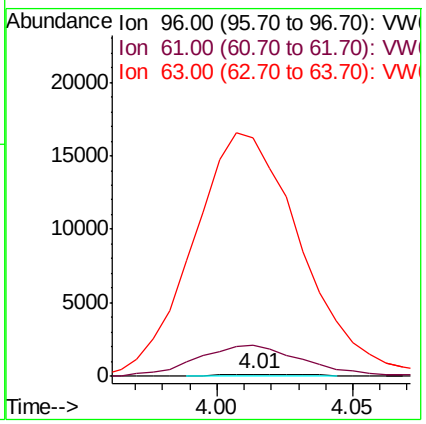


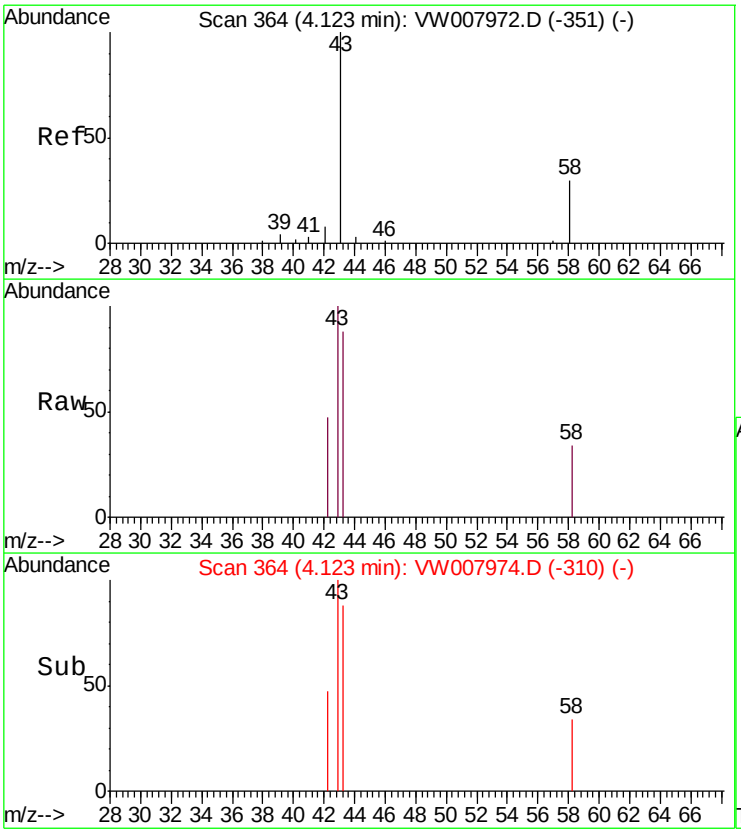
#12
1,1-Dichloroethene
Concen: 0.289 ug/L
RT: 4.01 min Scan# 346
Delta R.T. -0.02 min
Lab File: VW007974.D
Acq: 27 Dec 2018 17:25

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Tgt Ion: 96 Resp: 319

Ion	Ratio	Lower	Upper
96	100		
61	1366.7	120.3	223.3#
63	10380.1	91.6	170.0#

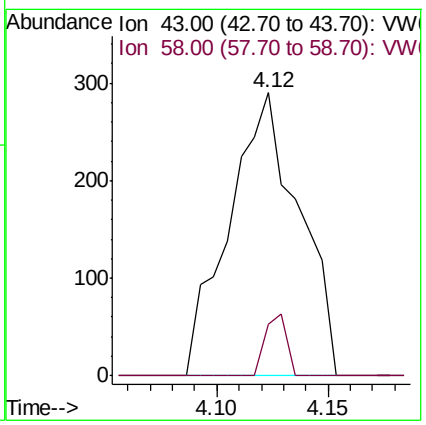


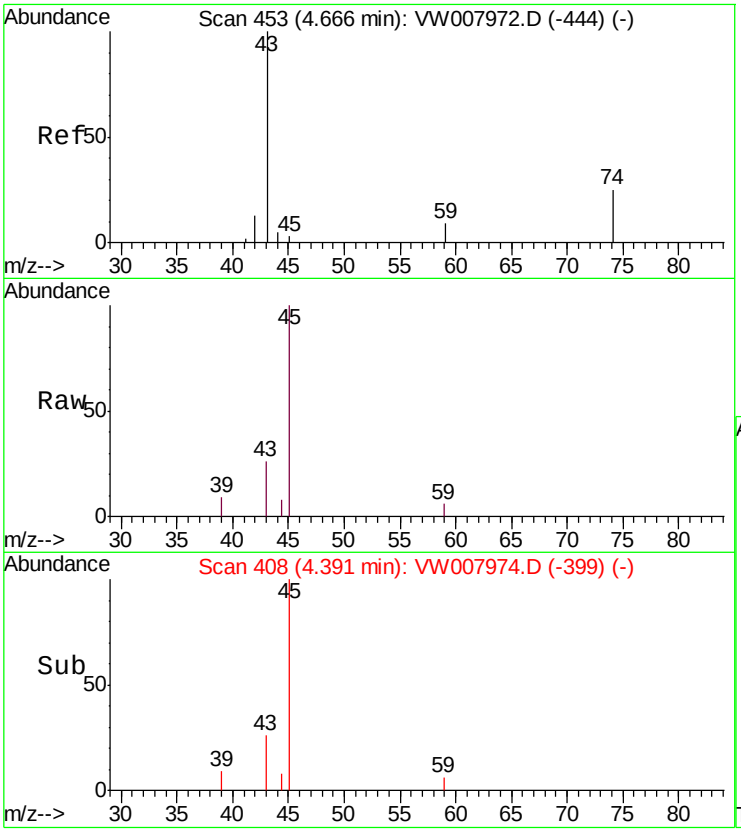


#13
Acetone
Concen: 1.617 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW007974.D
Acq: 27 Dec 2018 17:25

Tgt Ion: 43 Resp: 635

Ion	Ratio	Lower	Upper
43	100		
58	6.6	0.0	58.6



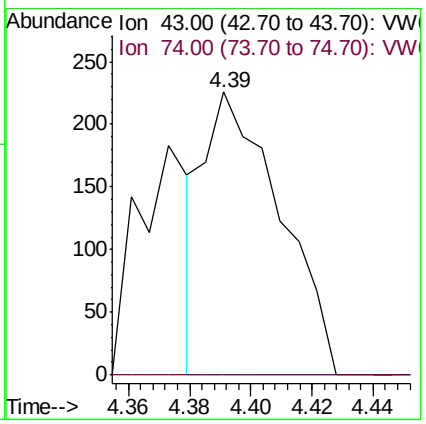


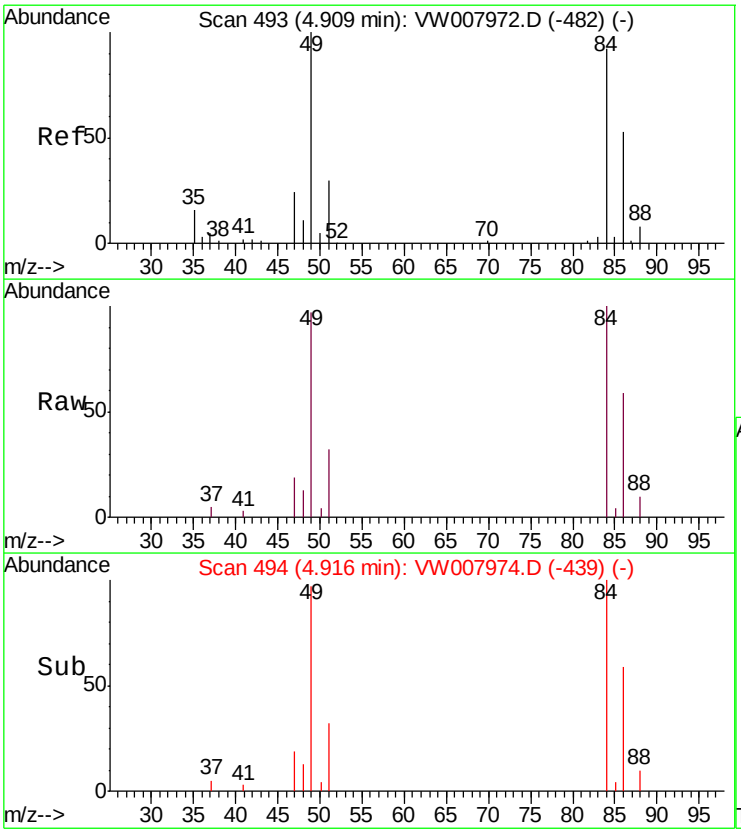
#15
Methyl Acetate
Concen: 0.651 ug/L
RT: 4.39 min Scan# 408
Delta R.T. -0.27 min
Lab File: VW007974.D
Acq: 27 Dec 2018 17:25

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 389

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.2	30.2#

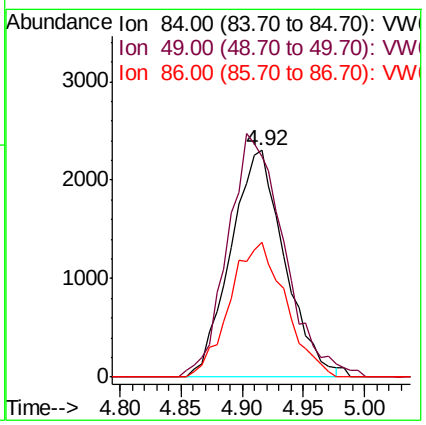


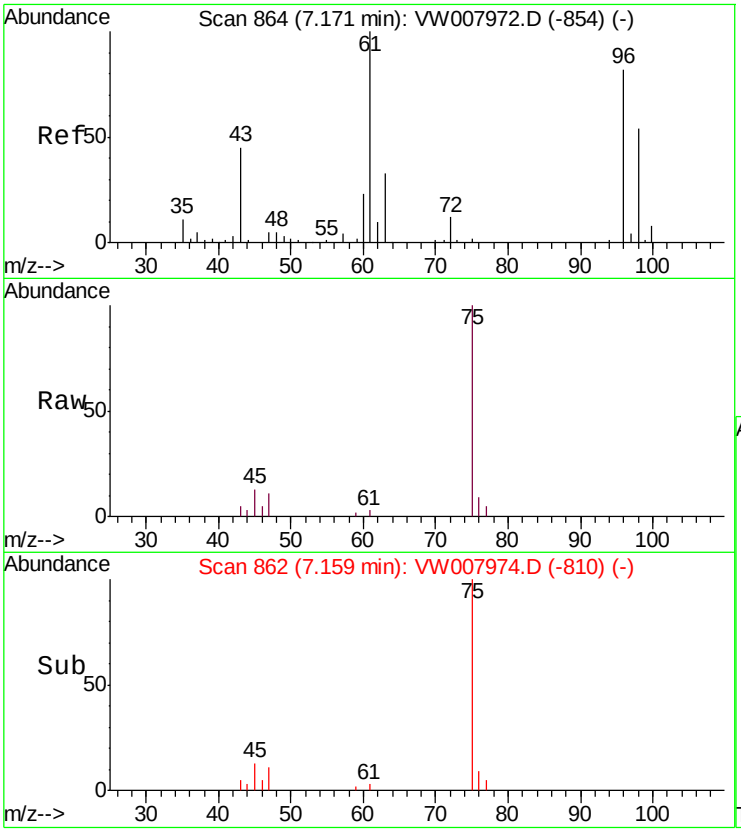


#16
Methylene chloride
Concen: 4.586 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007974.D
Acq: 27 Dec 2018 17:25

Tgt Ion: 84 Resp: 7095

Ion	Ratio	Lower	Upper
84	100		
49	97.1	79.2	147.0
86	59.2	43.2	80.2



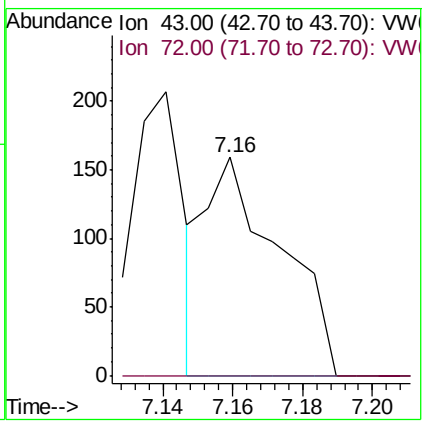


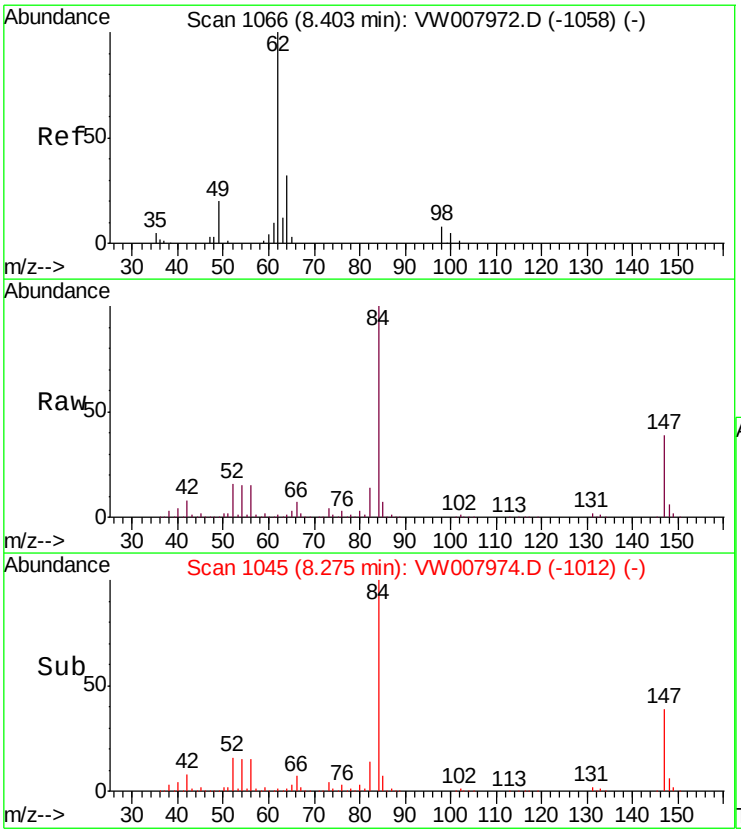
#21
2-Butanone
Concen: 0.528 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW007974.D
Acq: 27 Dec 2018 17:25

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Tgt Ion: 43 Resp: 236

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	43.4#

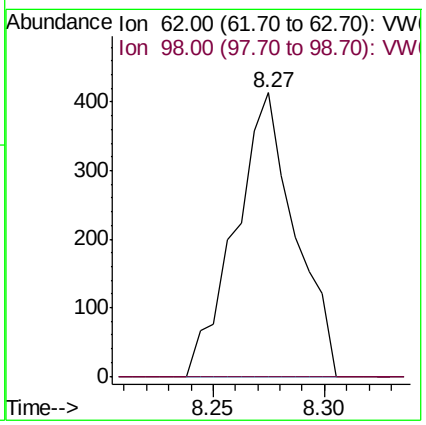


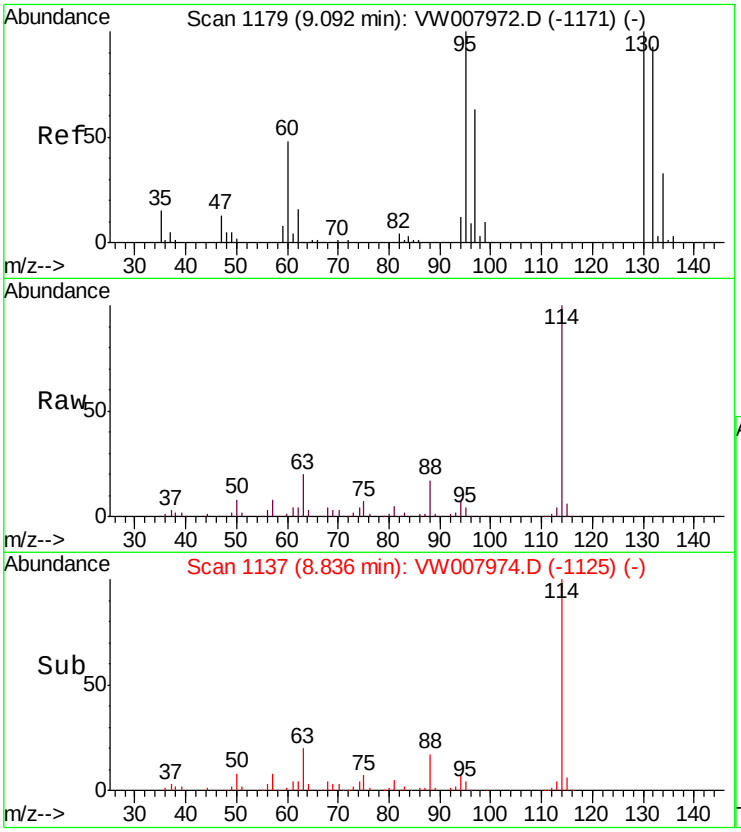


#27
1,2-Dichloroethane
Concen: 0.467 ug/L
RT: 8.27 min Scan# 1045
Delta R.T. -0.13 min
Lab File: VW007974.D
Acq: 27 Dec 2018 17:25

Tgt Ion: 62 Resp: 769

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.2#



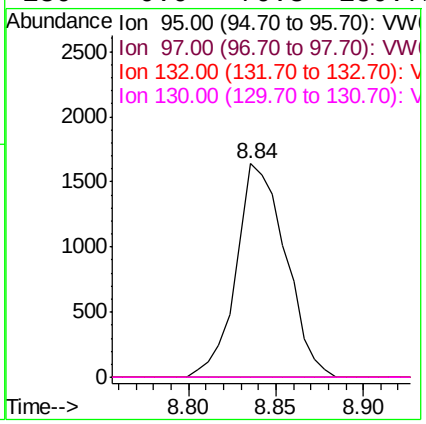


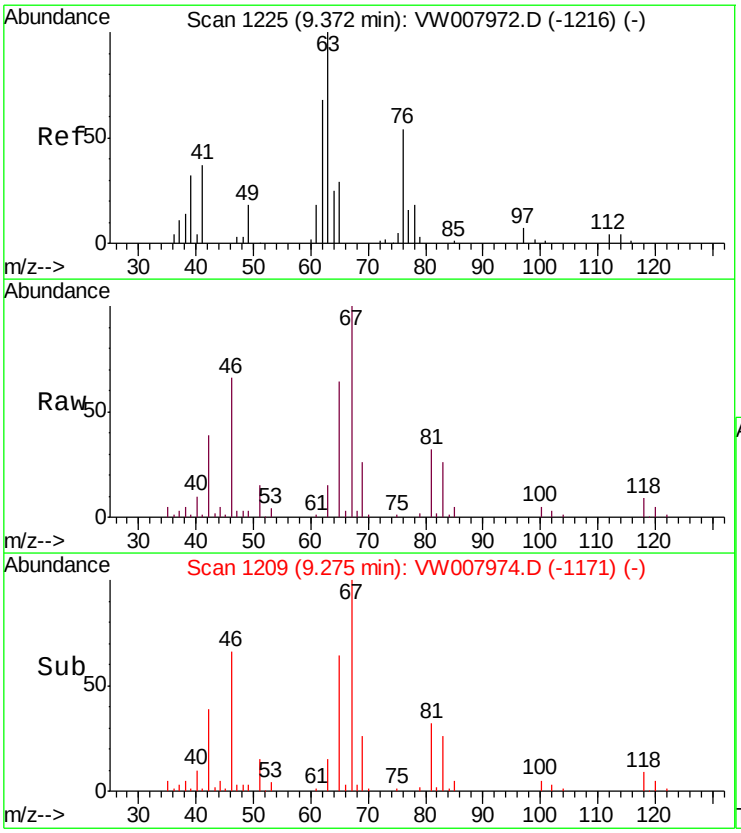
#35
Trichloroethene
Concen: 2.403 ug/L
RT: 8.84 min Scan# 1137
Delta R.T. -0.26 min
Lab File: VW007974.D
Acq: 27 Dec 2018 17:25

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Tgt Ion: 95 Resp: 3221

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.5#
132	0.0	67.8	126.0#
130	0.0	70.3	130.7#

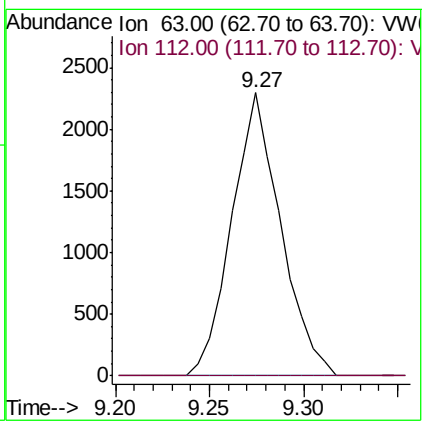


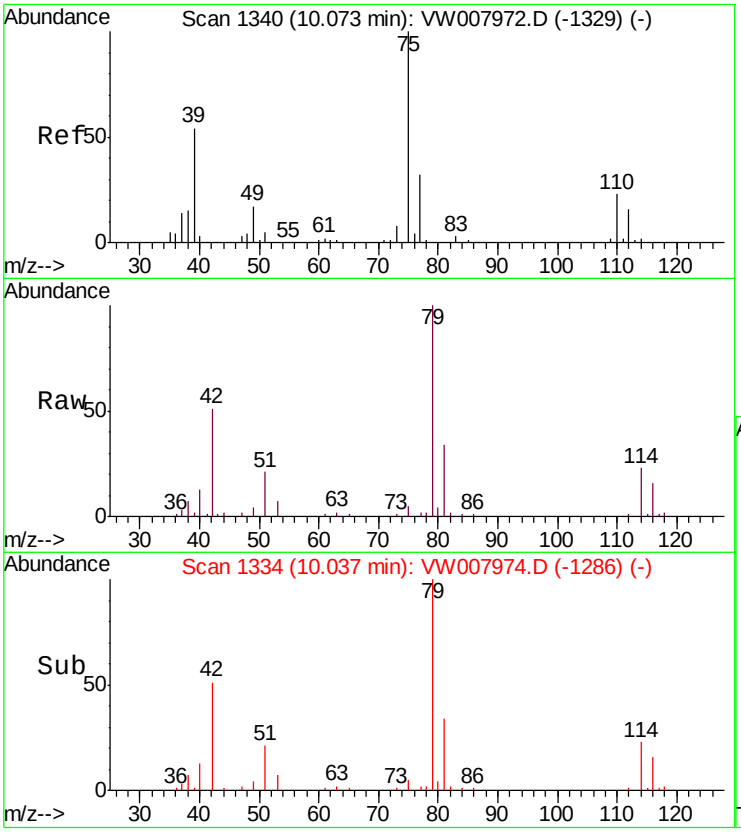


#40
1,2-Dichloropropane
Concen: 3.802 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007974.D
Acq: 27 Dec 2018 17:25

Tgt Ion: 63 Resp: 4122

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



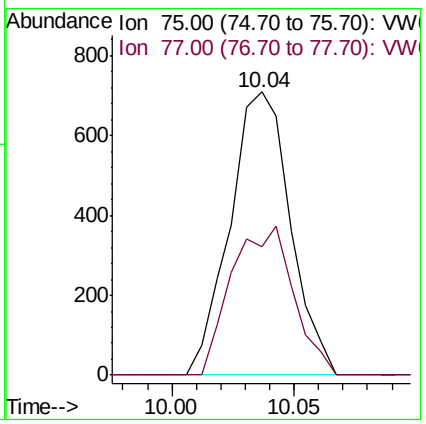


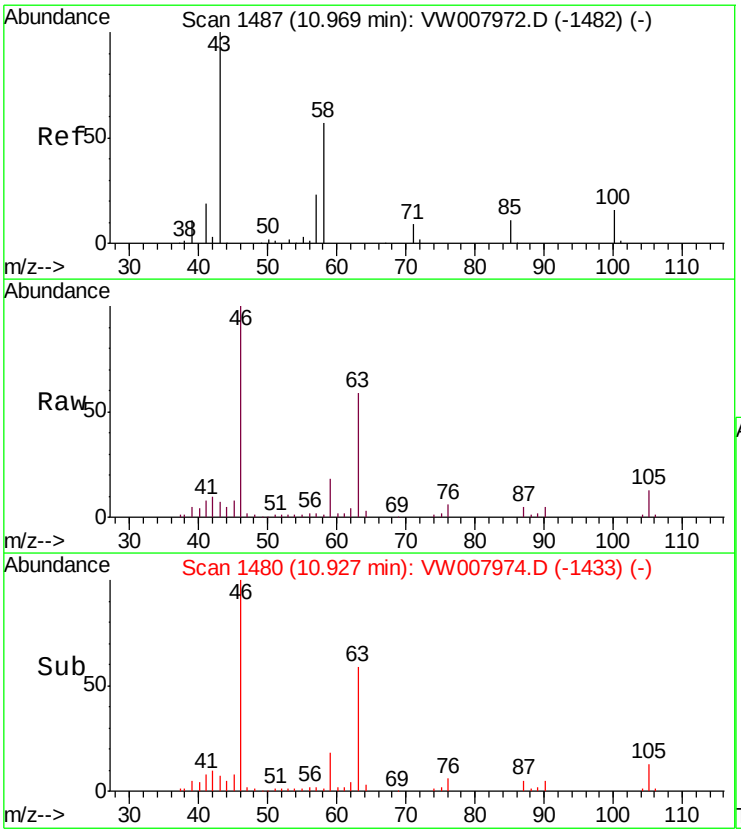
#42
cis-1,3-Dichloropropene
Concen: 0.645 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW007974.D
Acq: 27 Dec 2018 17:25

Instrument : MSVOA_W
ClientSampleId : VHBLK01

Tgt Ion: 75 Resp: 1221

Ion	Ratio	Lower	Upper
75	100		
77	45.5	23.0	42.8#





#49
2-Hexanone
Concen: 3.112 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW007974.D
Acq: 27 Dec 2018 17:25

Tgt Ion: 43 Resp: 1927

Ion	Ratio	Lower	Upper
43	100		
58	22.0	46.2	69.4#
57	26.9	17.9	26.9#
100	0.0	11.4	17.2#