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

Quantitation Report (Not Reviewed)

Data File : VW007927.D
Acq On : 26 Dec 2018 17:06
Operator : SY/AP
Sample : J6468-18
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0JH4

Quant Time: Dec 27 00:47:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	98478	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	80887	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	31616	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	22115	22.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.16%			
7) Chloroethane-d5	2.89	69	14894	22.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.12%			
10) 1,1-Dichloroethene-d2	4.01	63	45460	17.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.20%			
20) 2-Butanone-d5	7.07	46	17685	42.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.46%			
24) Chloroform-d	7.65	84	57995	22.14	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.56%			
26) 1,2-Dichloroethane-d4	8.31	65	35635	22.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.76%			
29) Benzene-d6	8.27	84	114791	25.30	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.20%			
33) 1,2-Dichloropropane-d6	9.27	67	31571	25.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.32%			
37) Toluene-d8	10.32	98	106412	24.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.32%			
38) trans-1,3-Dichloropropene-	10.58	79	14673	20.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.84%			
39) 2-Hexanone-d5	10.93	63	14231	45.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.18%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26844	22.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.40%			
61) 1,2-Dichlorobenzene-d4	13.86	152	29929	23.44	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.76%			
Target Compounds						Qvalue
5) Vinyl chloride	2.36	62	1032	0.970	ug/L #	19
12) 1,1-Dichloroethene	4.01	96	363	0.319	ug/L #	1
13) Acetone	4.11	43	3744	9.259	ug/L #	33
14) Carbon disulfide	4.37	76	1361	0.377	ug/L #	74
21) 2-Butanone	7.18	43	2689	5.844	ug/L	76
22) cis-1,2-Dichloroethene	7.17	96	1409	1.065	ug/L	89
27) 1,2-Dichloroethane	8.27	62	570	0.336	ug/L #	80
40) 1,2-Dichloropropane	9.27	63	4022	3.953	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1209	0.681	ug/L	97

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

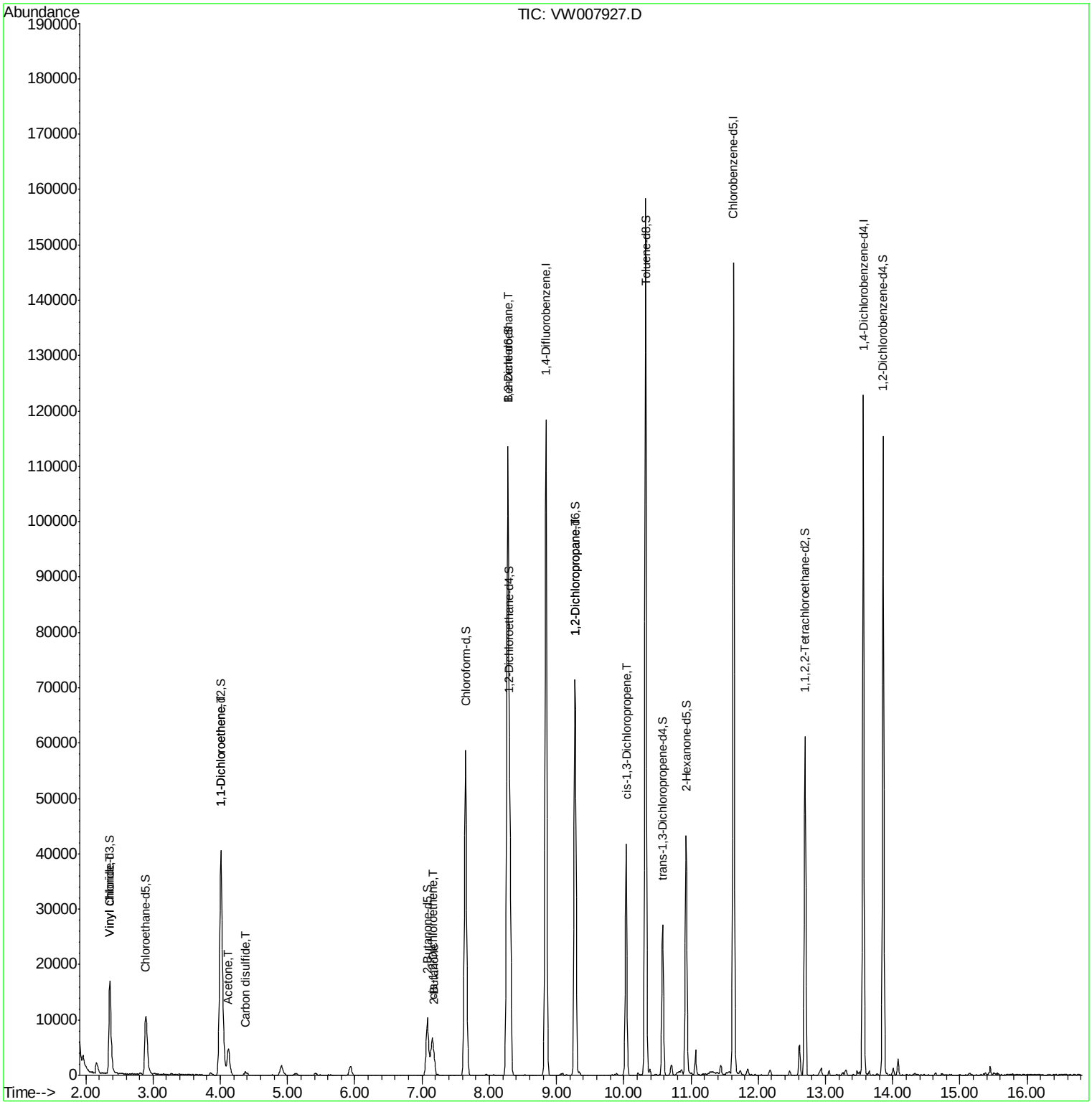
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

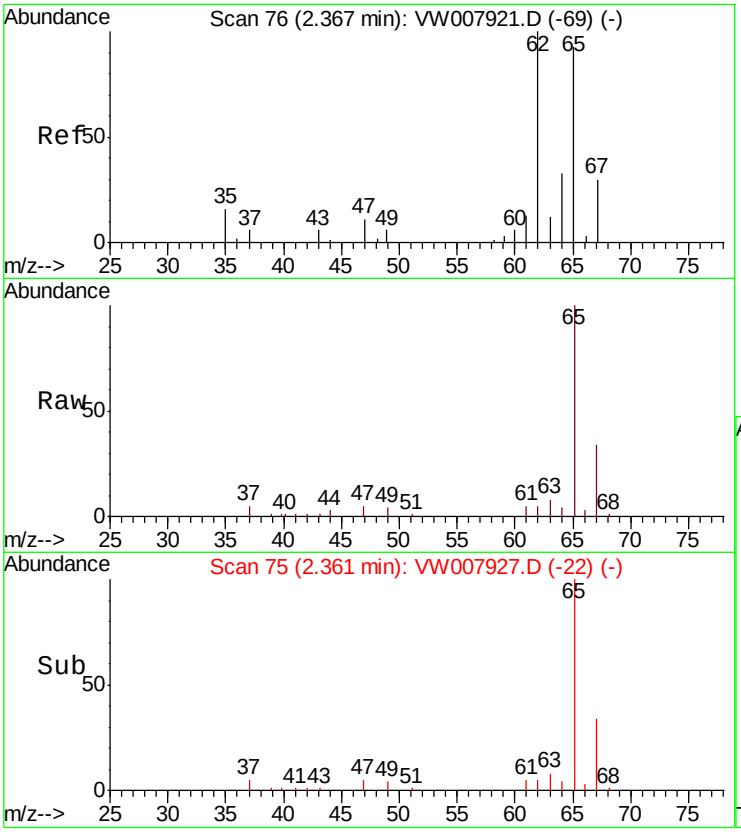
Quantitation Report (Not Reviewed)

Data File : VW007927.D
Acq On : 26 Dec 2018 17:06
Operator : SY/AP
Sample : J6468-18
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0JH4

Quant Time: Dec 27 00:47:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration



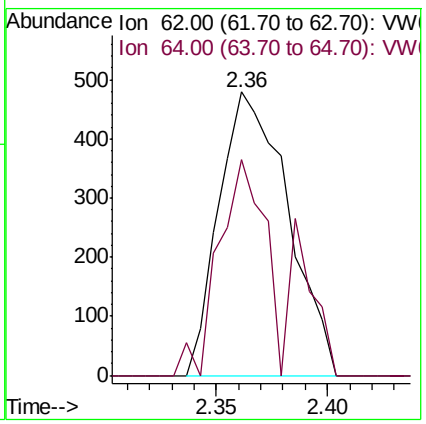


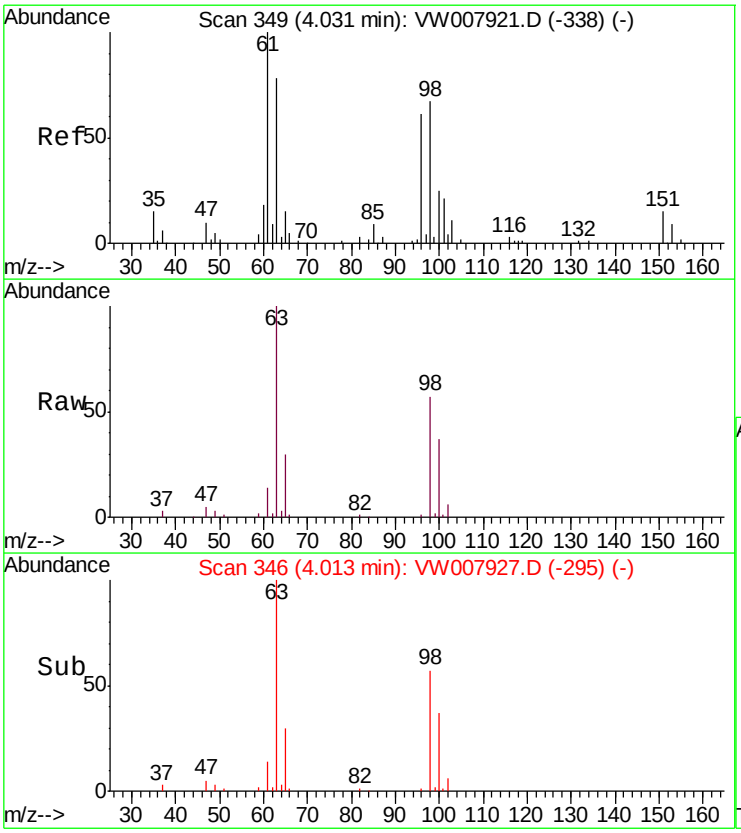
#5
Vinyl chloride
Concen: 0.970 ug/L
RT: 2.36 min Scan# 75
Delta R.T. -0.01 min
Lab File: VW007927.D
Acq: 26 Dec 2018 17:06

Instrument : MSVOA_W
ClientSampleId : C0JH4

Tgt Ion: 62 Resp: 1032

Ion	Ratio	Lower	Upper
62	100		
64	76.2	22.0	41.0#

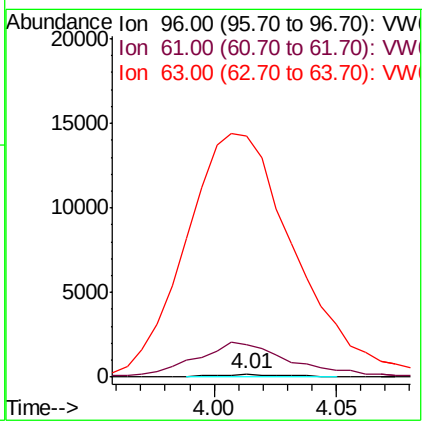


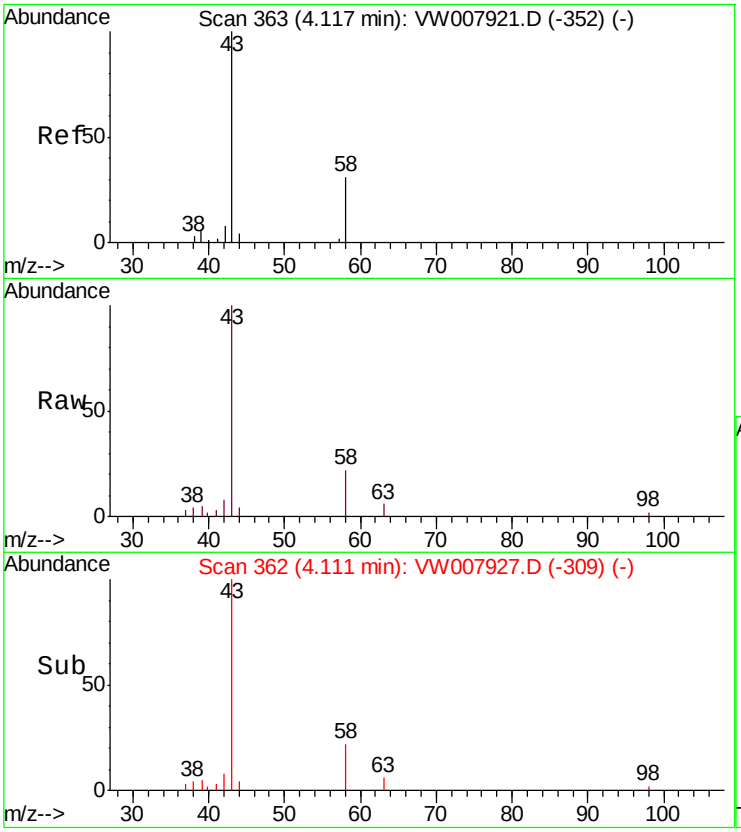


#12
1,1-Dichloroethene
Concen: 0.319 ug/L
RT: 4.01 min Scan# 346
Delta R.T. -0.02 min
Lab File: VW007927.D
Acq: 26 Dec 2018 17:06

Tgt Ion: 96 Resp: 363

Ion	Ratio	Lower	Upper
96	100		
61	1032.3	120.3	223.3#
63	7538.6	91.6	170.0#



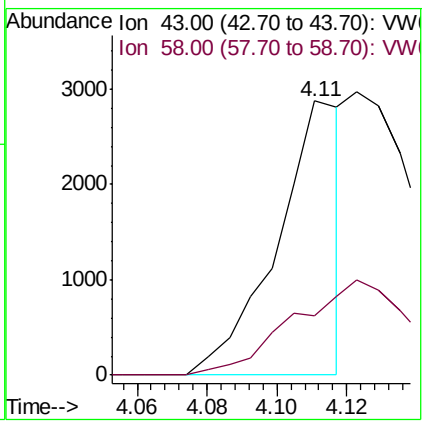


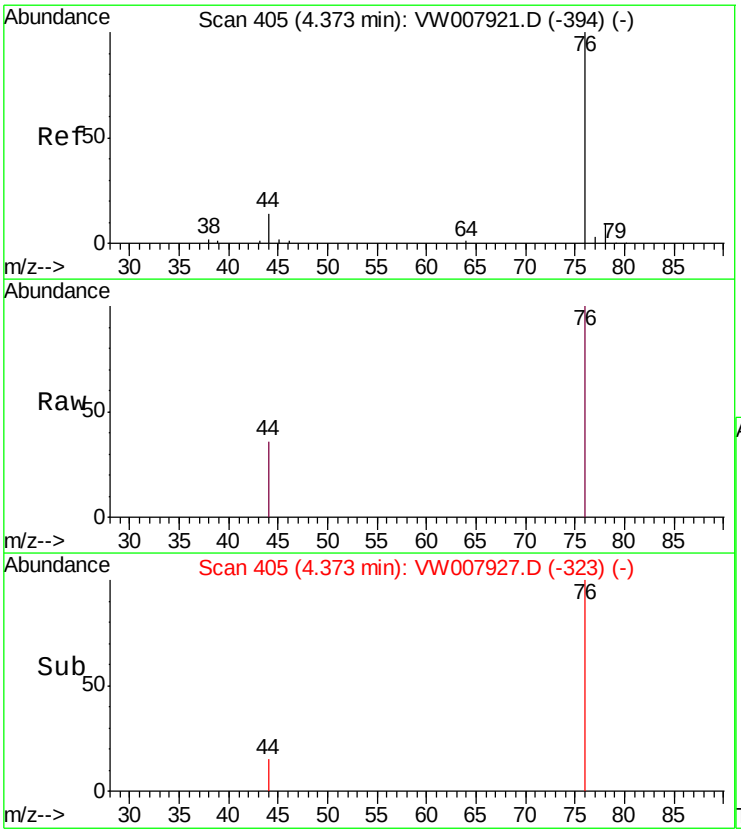
#13
Acetone
Concen: 9.259 ug/L
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW007927.D
Acq: 26 Dec 2018 17:06

Instrument : MSVOA_W
ClientSampleId : C0JH4

Tgt Ion: 43 Resp: 3744

Ion	Ratio	Lower	Upper
43	100		
58	65.3	0.0	58.6#

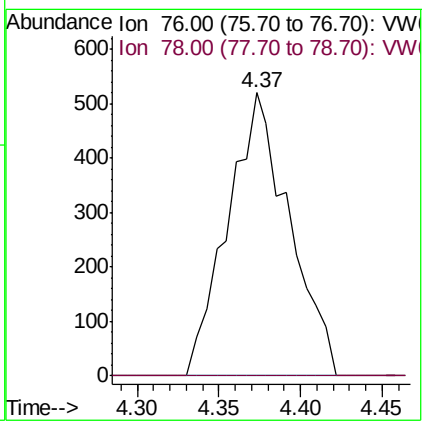


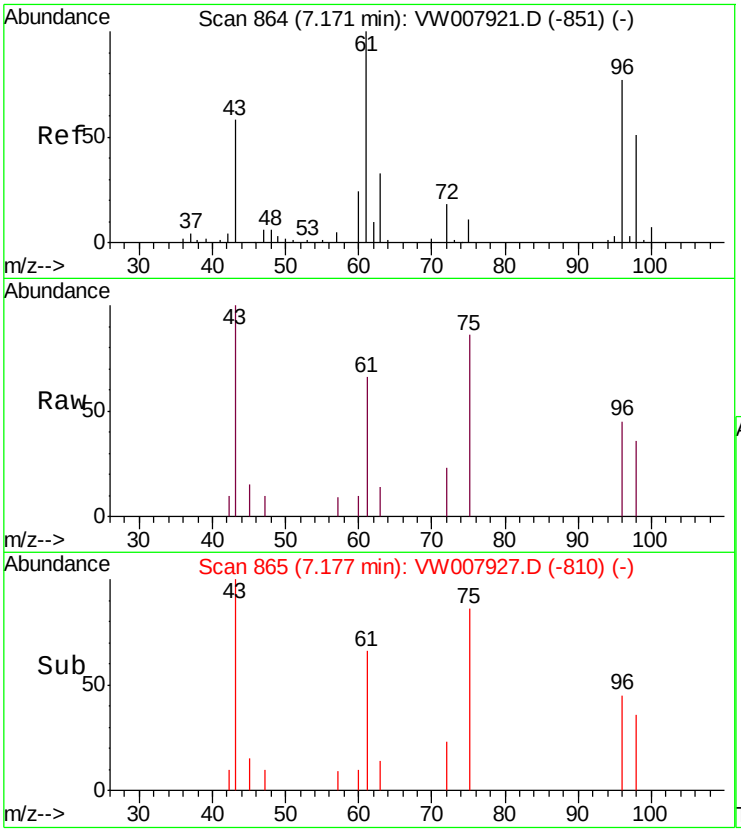


#14
Carbon disulfide
Concen: 0.377 ug/L
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW007927.D
Acq: 26 Dec 2018 17:06

Tgt Ion: 76 Resp: 1361

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#



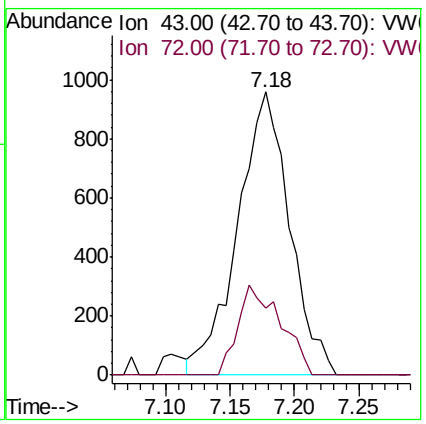


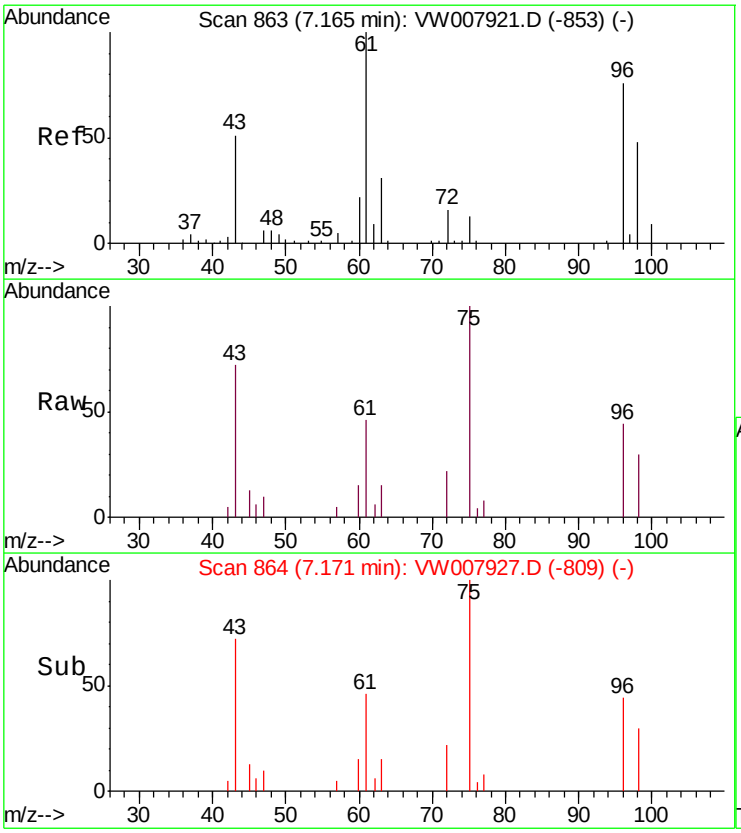
#21
2-Butanone
Concen: 5.844 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007927.D
Acq: 26 Dec 2018 17:06

Instrument : MSVOA_W
ClientSampleId : C0JH4

Tgt Ion: 43 Resp: 2689

Ion	Ratio	Lower	Upper
43	100		
72	16.1	14.4	43.4

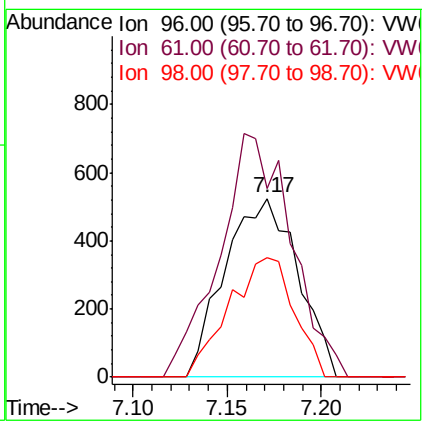


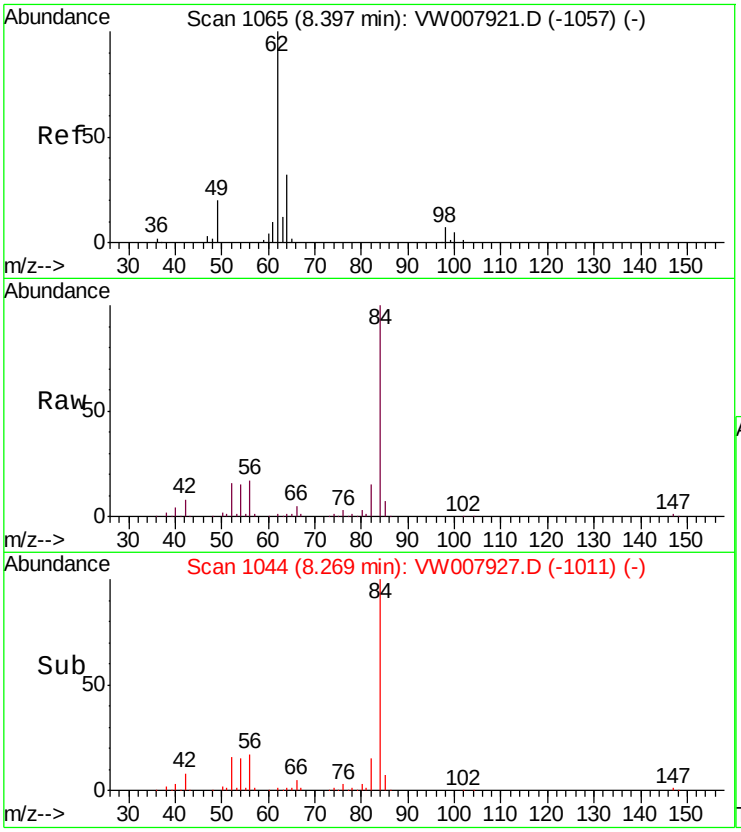


#22
cis-1,2-Dichloroethene
Concen: 1.065 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007927.D
Acq: 26 Dec 2018 17:06

Tgt Ion: 96 Resp: 1409

Ion	Ratio	Lower	Upper
96	100		
61	105.3	83.4	155.0
98	67.0	42.3	78.5



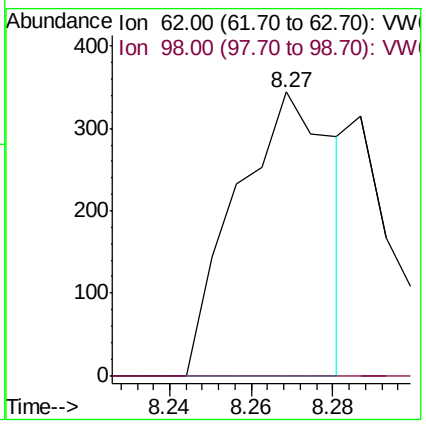


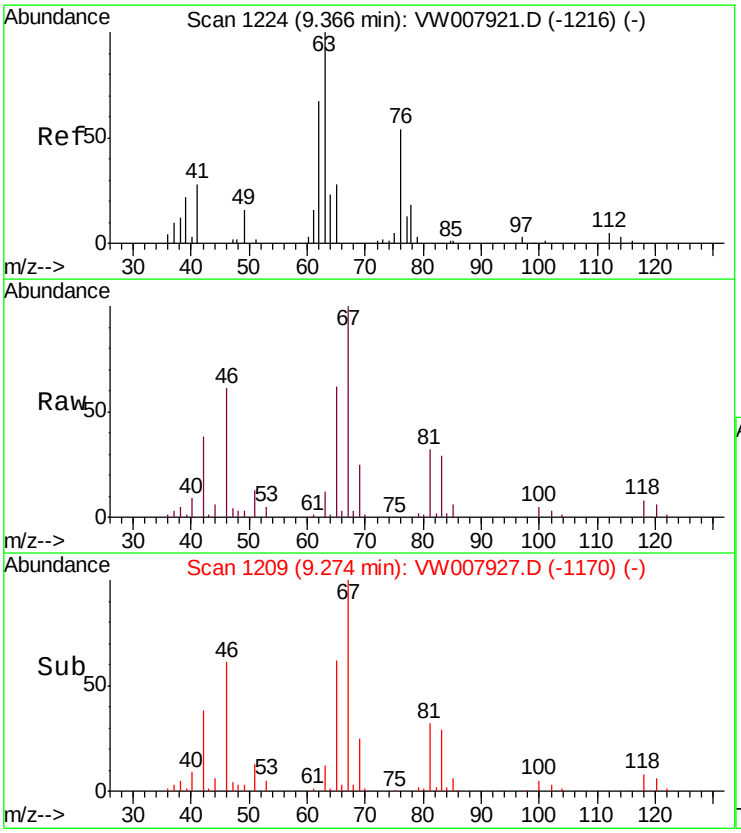
#27
1,2-Dichloroethane
Concen: 0.336 ug/L
RT: 8.27 min Scan# 1044
Delta R.T. -0.13 min
Lab File: VW007927.D
Acq: 26 Dec 2018 17:06

Instrument : MSVOA_W
ClientSampleId : C0JH4

Tgt Ion: 62 Resp: 570

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.2#

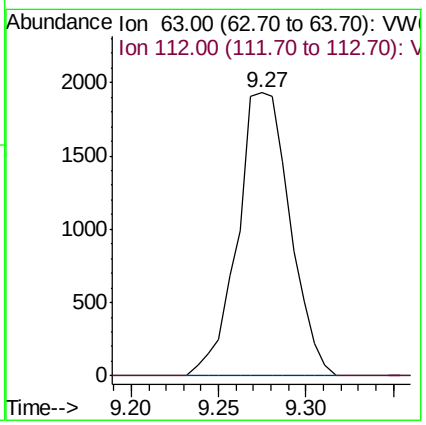


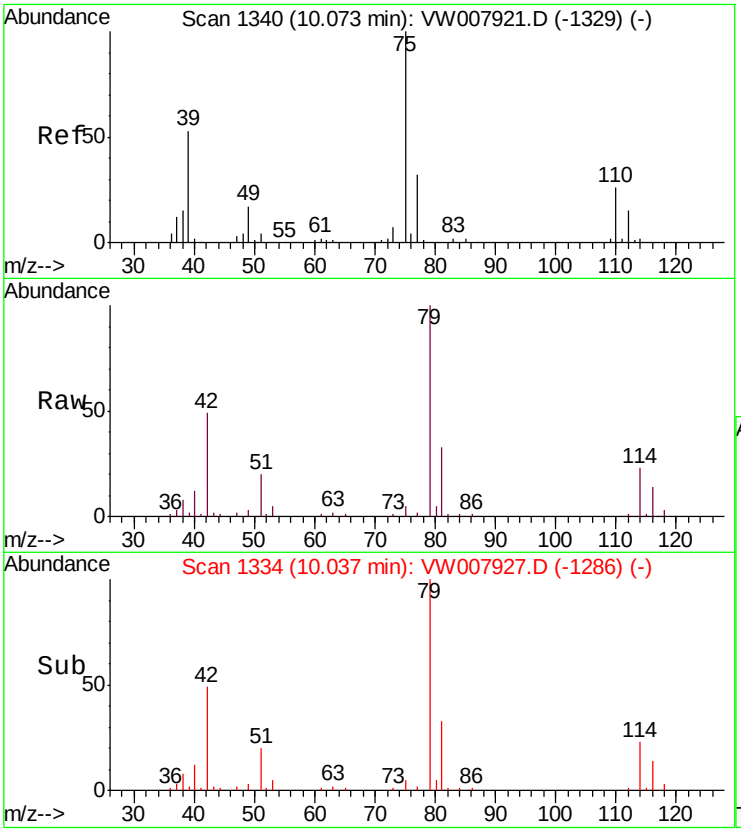


#40
1,2-Dichloropropane
Concen: 3.953 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW007927.D
Acq: 26 Dec 2018 17:06

Tgt Ion: 63 Resp: 4022

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#





#42
cis-1,3-Dichloropropene
Concen: 0.681 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW007927.D
Acq: 26 Dec 2018 17:06

Instrument :
MSVOA_W
ClientSampleId :
C0JH4

Tgt Ion: 75 Resp: 1209

Ion	Ratio	Lower	Upper
75	100		
77	34.6	23.0	42.8