Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120318\

Quantitation Report (Not Reviewed)

Data File : VW007162.D
Acq On : 03 Dec 2018 14:02
Operator : SY/AP
Sample : VIBLK86
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK86

Quant Time: Dec 04 03:17:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 04 03:14:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	134503	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	132024	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	68005	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	22015	19.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.96%			
7) Chloroethane-d5	2.89	69	17977	21.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.64%			
10) 1,1-Dichloroethene-d2	4.02	63	44909	15.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.24%			
20) 2-Butanone-d5	7.08	46	27588	59.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.08%			
24) Chloroform-d	7.65	84	54308	19.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 77.12%			
26) 1,2-Dichloroethane-d4	8.31	65	36308	22.26	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.04%			
29) Benzene-d6	8.27	84	126212	20.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.48%			
33) 1,2-Dichloropropane-d6	9.27	67	37150	20.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.68%			
37) Toluene-d8	10.33	98	135799	20.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.88%			
38) trans-1,3-Dichloropropene-	10.58	79	18363	20.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.60%			
39) 2-Hexanone-d5	10.93	63	23768	56.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.86%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39699	24.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.00%			
61) 1,2-Dichlorobenzene-d4	13.86	152	53934	21.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.52%			

Target Compounds						Qvalue
13) Acetone	4.12	43	429	1.321	ug/L #	43
16) Methylene chloride	4.92	84	3339	1.553	ug/L	82
21) 2-Butanone	7.15	43	611	1.226	ug/L #	48
25) Chloroform	7.67	83	6262	2.108	ug/L	94
27) 1,2-Dichloroethane	8.27	62	732	0.371	ug/L #	74
35) Trichloroethene	8.85	95	4041	2.179	ug/L #	5
40) 1,2-Dichloropropane	9.28	63	4367	2.661	ug/L #	87
42) cis-1,3-Dichloropropene	10.03	75	1272	0.488	ug/L	94
69) Naphthalene	15.37	128	2593	0.426	ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120318\

Quantitation Report (Not Reviewed)

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Operator : SY/AP
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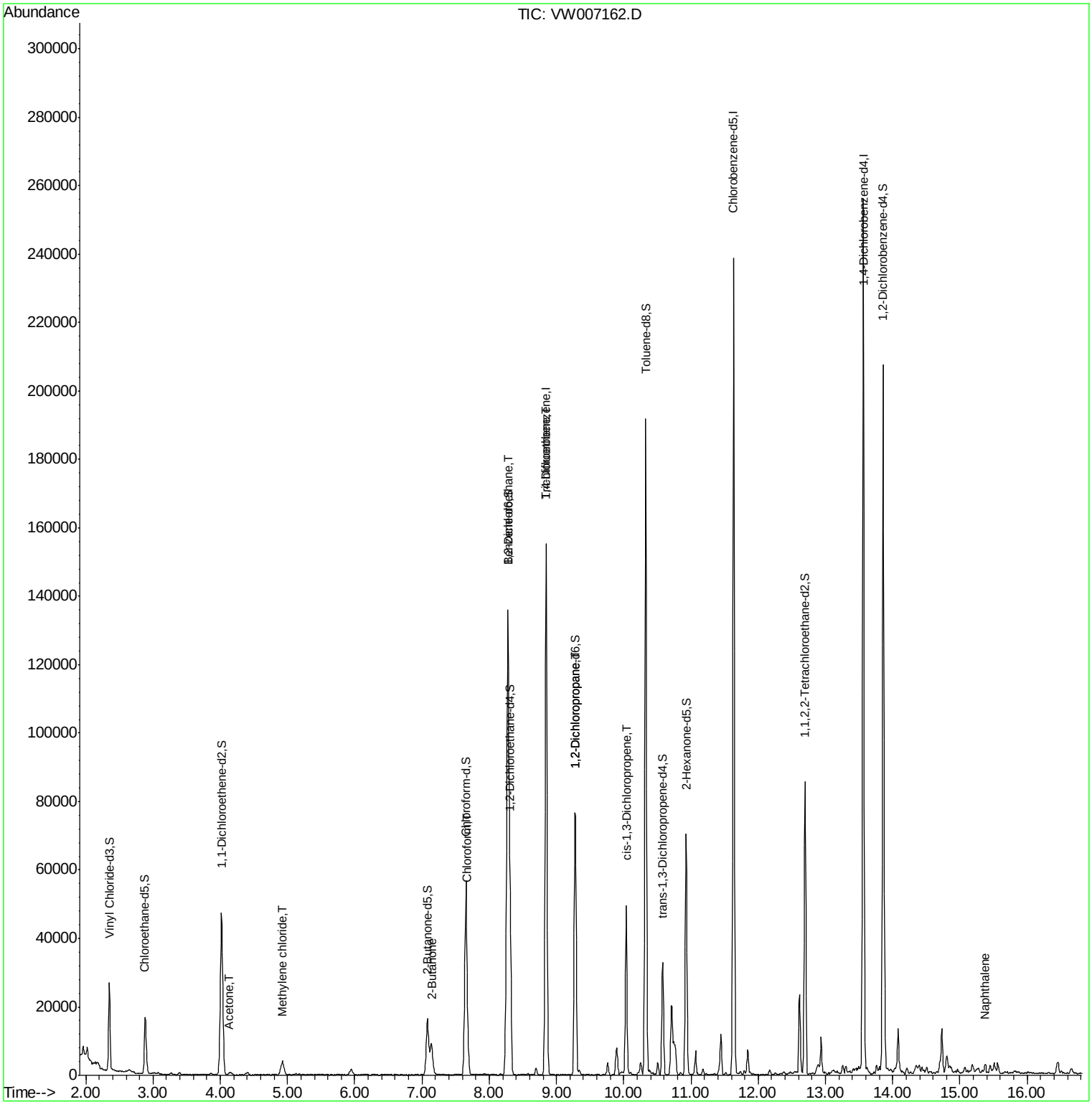
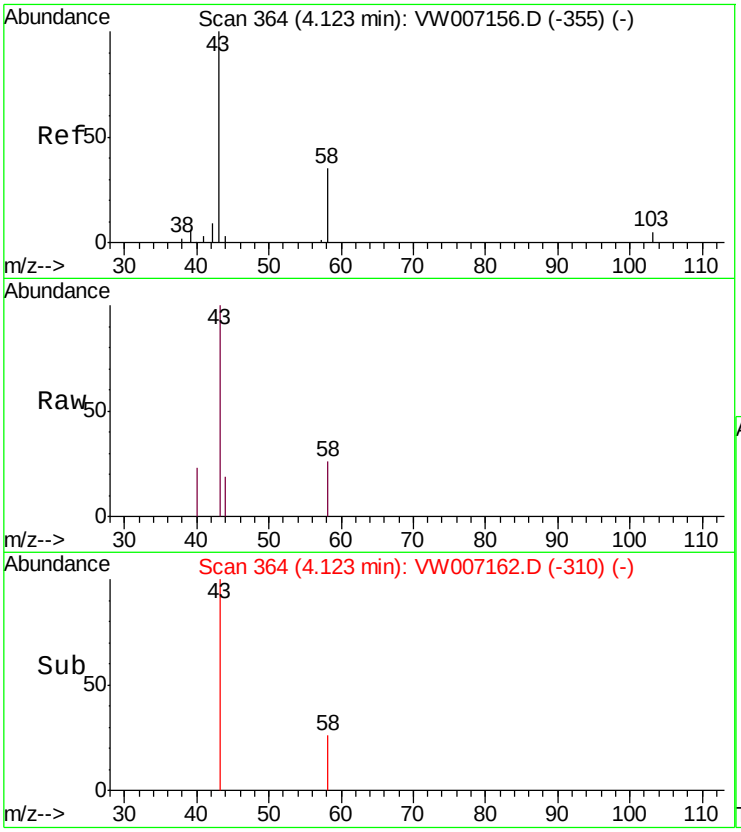
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK86

Quant Time: Dec 04 03:17:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 04 03:14:20 2018
Response via : Initial Calibration



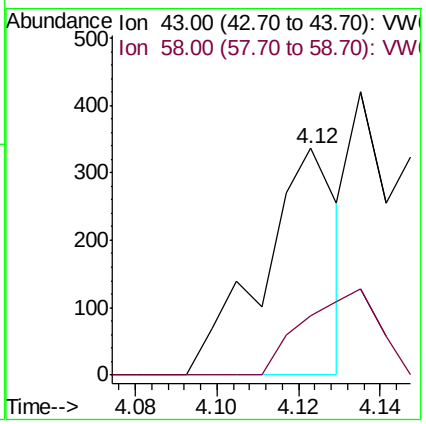


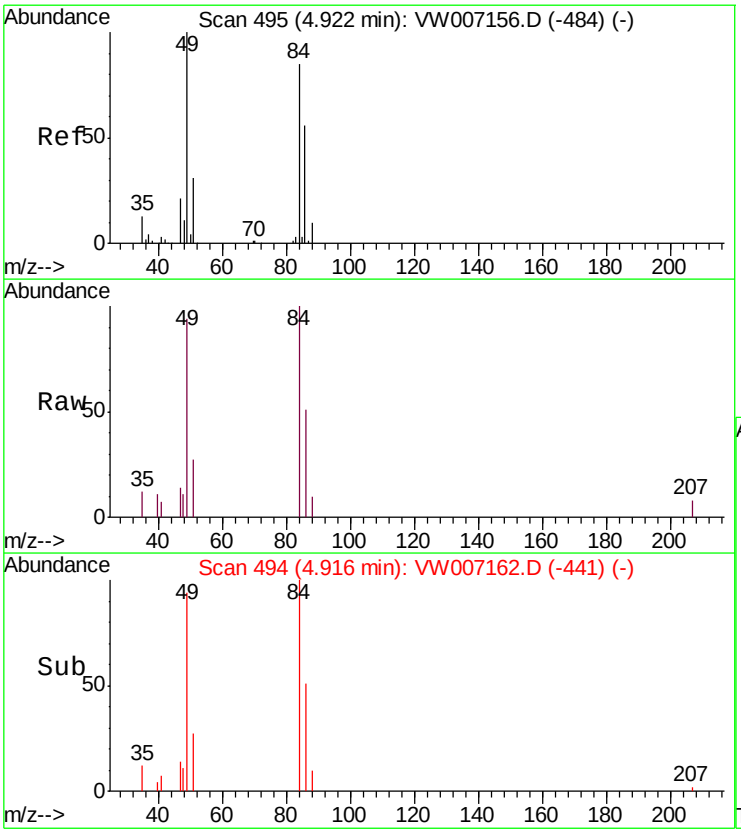
#13
Acetone
Concen: 1.321 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW007162.D
Acq: 03 Dec 2018 14:02

Instrument : MSVOA_W
ClientSampleId : VIBLK86

Tgt Ion: 43 Resp: 429

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	62.4

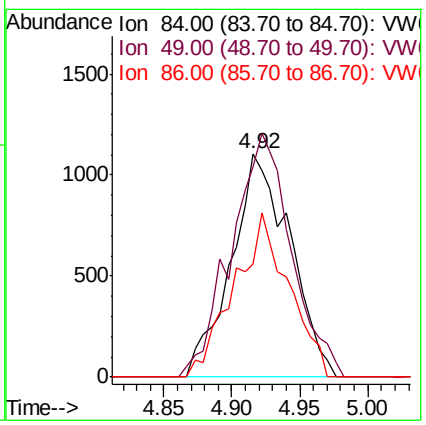


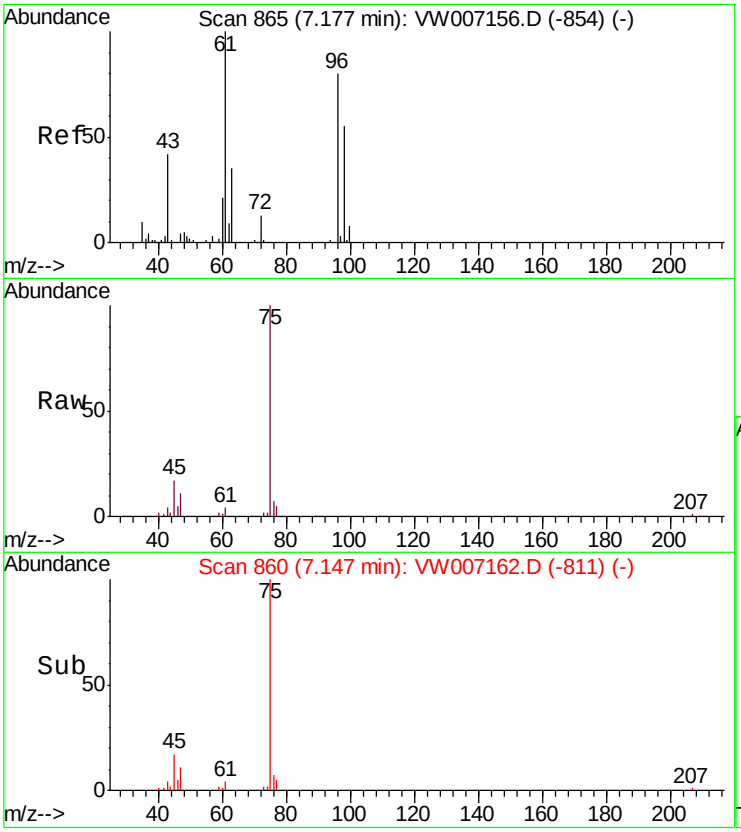


#16
Methylene chloride
Concen: 1.553 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007162.D
Acq: 03 Dec 2018 14:02

Tgt Ion: 84 Resp: 3339

Ion	Ratio	Lower	Upper
84	100		
49	94.2	80.9	150.3
86	50.8	42.8	79.6



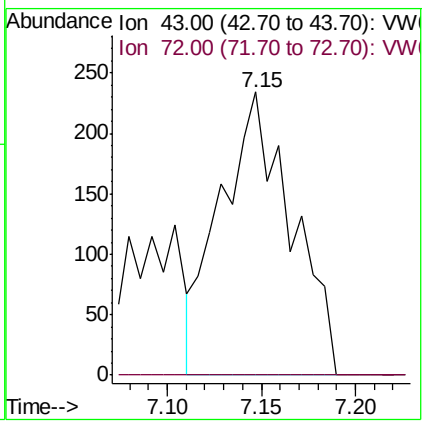


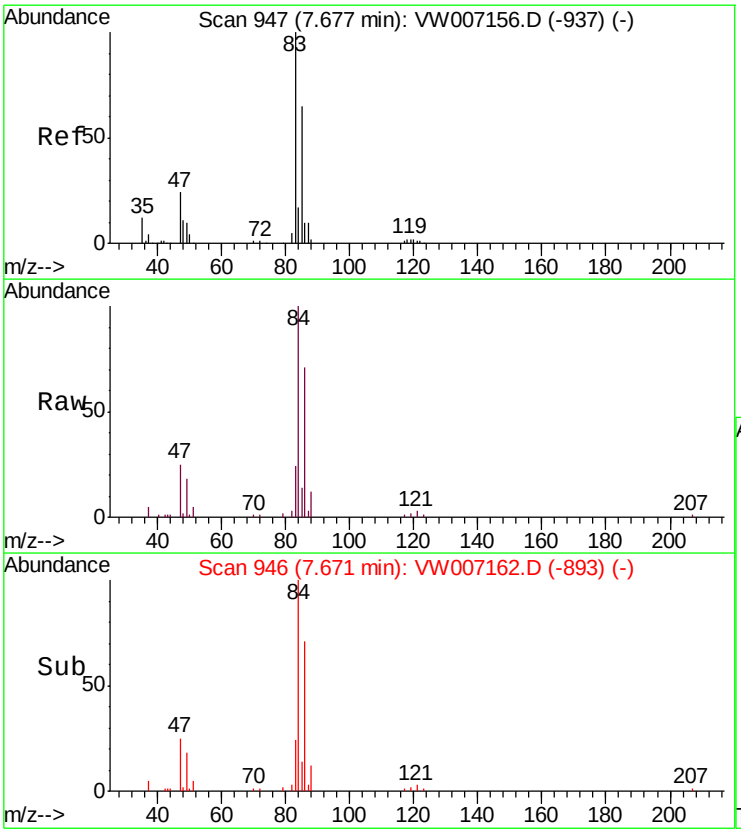
#21
2-Butanone
Concen: 1.226 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW007162.D
Acq: 03 Dec 2018 14:02

Instrument : MSVOA_W
ClientSampleId : VIBLK86

Tgt Ion: 43 Resp: 611

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.5	40.5#

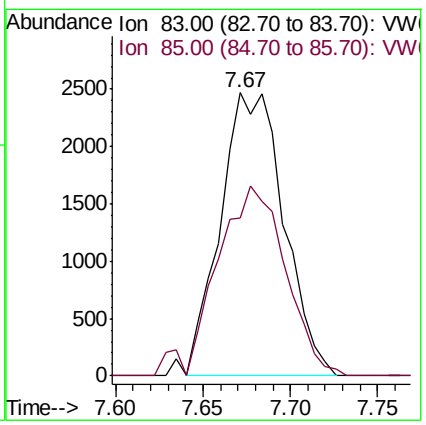


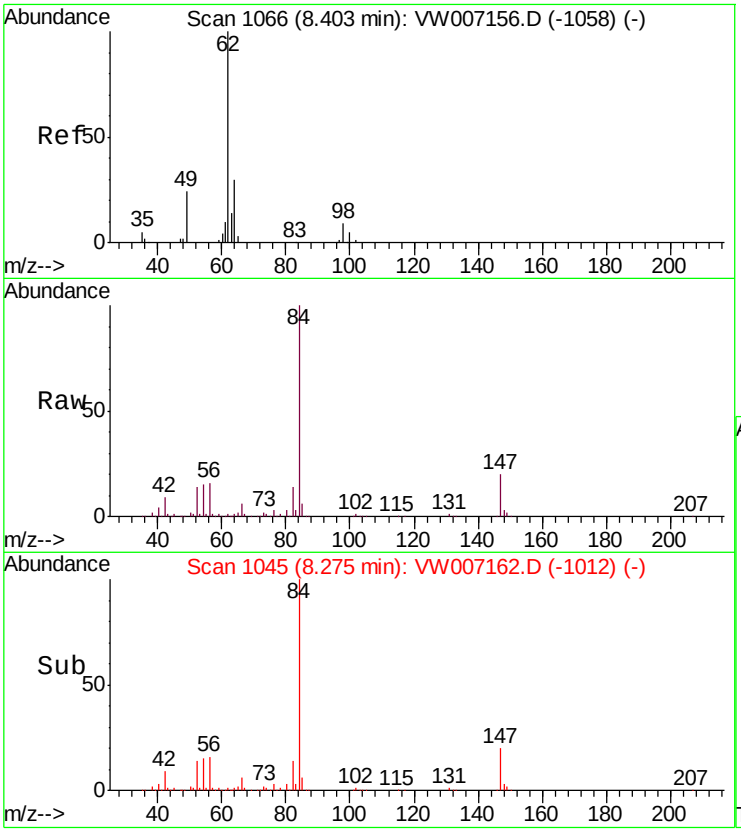


#25
Chloroform
Concen: 2.108 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007162.D
Acq: 03 Dec 2018 14:02

Tgt Ion: 83 Resp: 6262

Ion	Ratio	Lower	Upper
83	100		
85	70.6	46.1	85.7



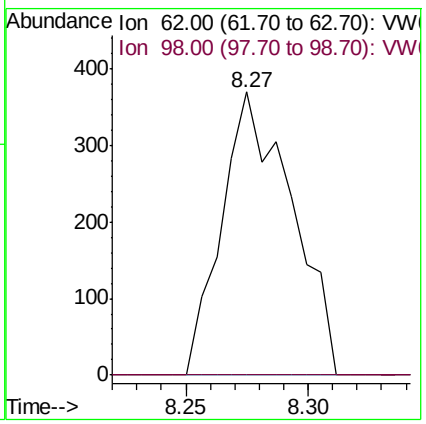


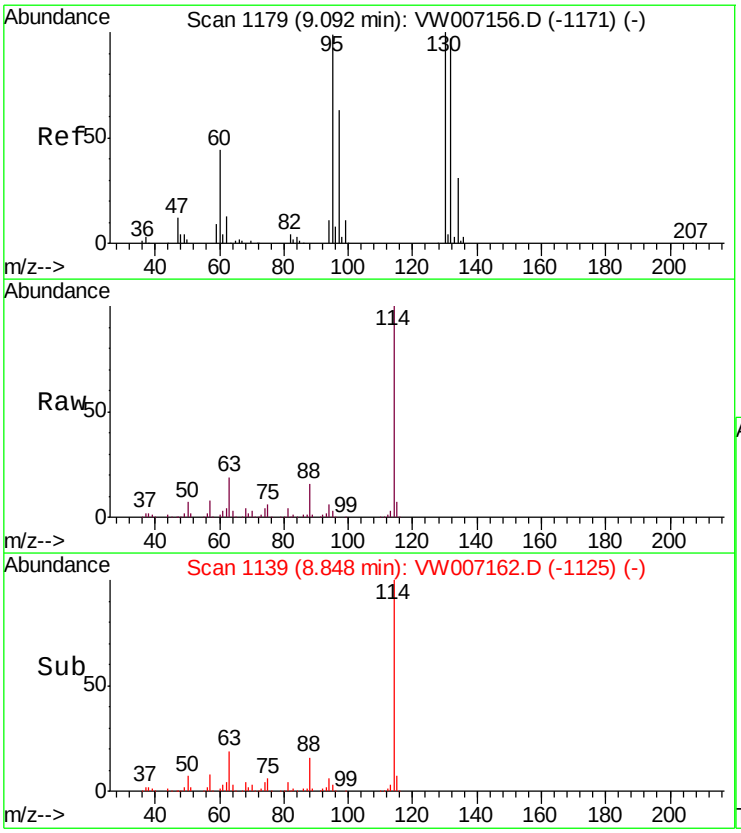
#27
1,2-Dichloroethane
Concen: 0.371 ug/L
RT: 8.27 min Scan# 1045
Delta R.T. -0.13 min
Lab File: VW007162.D
Acq: 03 Dec 2018 14:02

Instrument : MSVOA_W
ClientSampleId : VIBLK86

Tgt Ion: 62 Resp: 732

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.2#

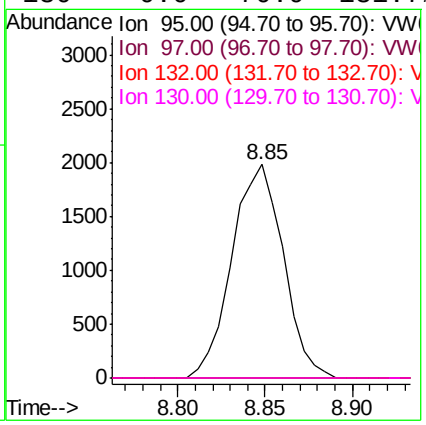


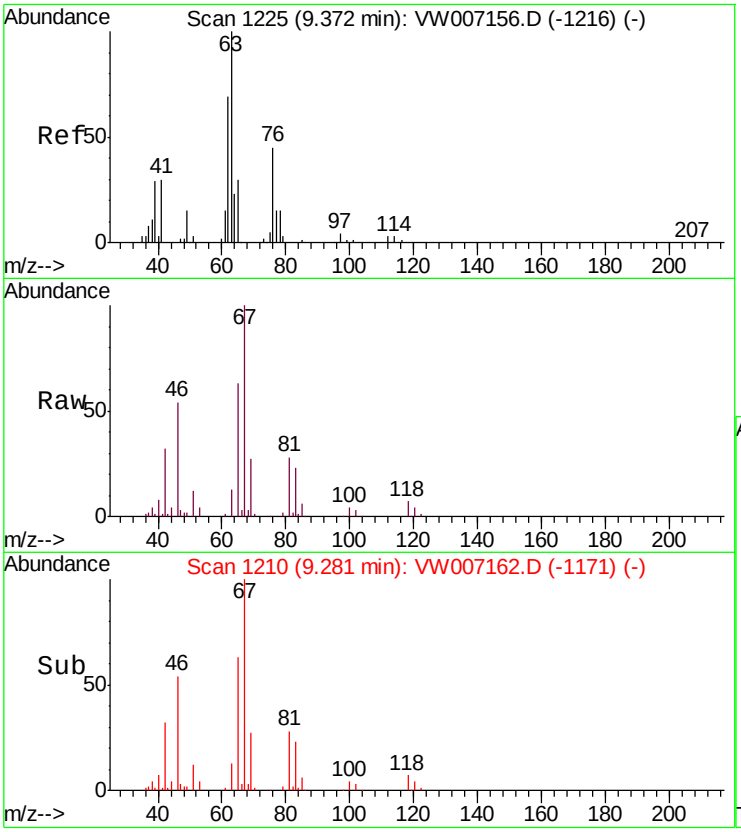


#35
Trichloroethene
Concen: 2.179 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW007162.D
Acq: 03 Dec 2018 14:02

Tgt Ion: 95 Resp: 4041

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.7	83.1#
132	0.0	68.2	126.6#
130	0.0	70.9	131.7#



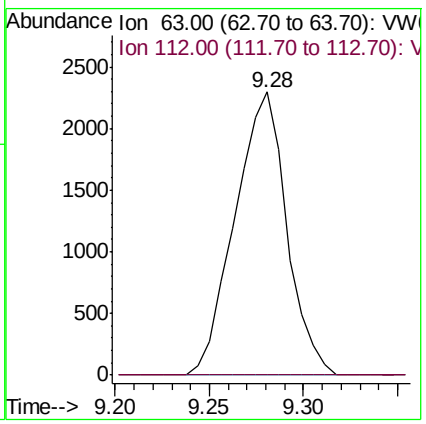


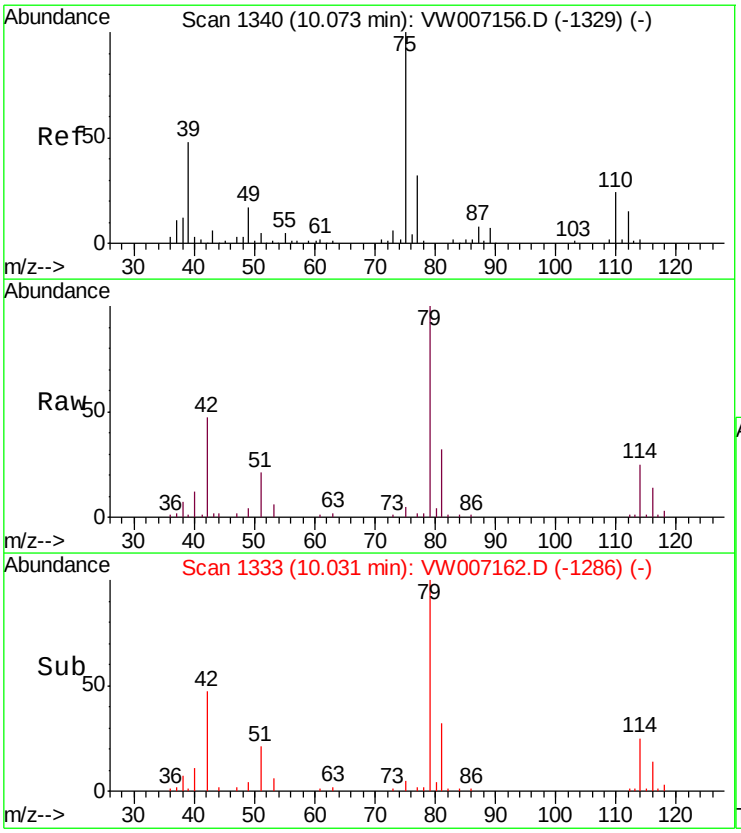
#40
1,2-Dichloropropane
Concen: 2.661 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW007162.D
Acq: 03 Dec 2018 14:02

Instrument : MSVOA_W
ClientSampleId : VIBLK86

Tgt Ion: 63 Resp: 4367

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

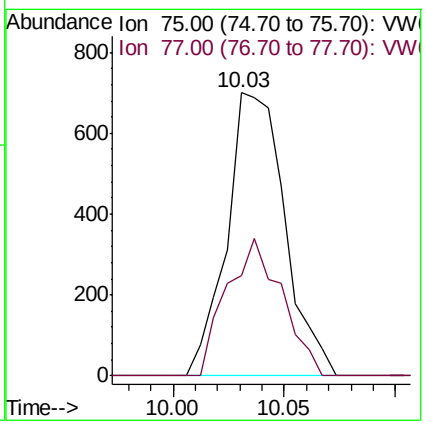


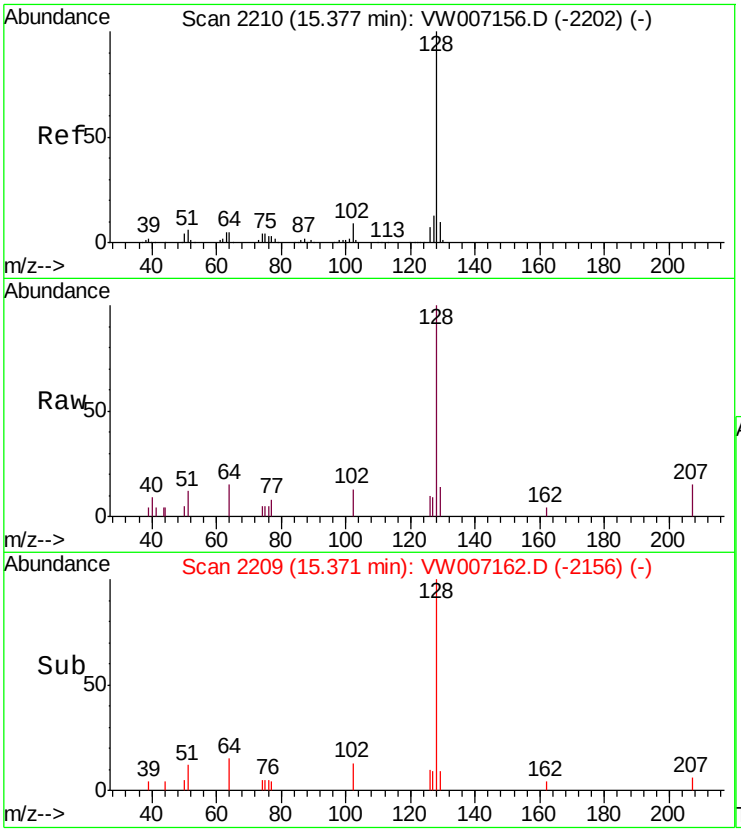


#42
cis-1,3-Dichloropropene
Concen: 0.488 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW007162.D
Acq: 03 Dec 2018 14:02

Tgt Ion: 75 Resp: 1272

Ion	Ratio	Lower	Upper
75	100		
77	35.3	22.3	41.5





#69
Naphthalene
Concen: 0.426 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007162.D
Acq: 03 Dec 2018 14:02

Instrument :
MSVOA_W
ClientSampleId :
VIBLK86

Tgt Ion:128 Resp: 2593

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.7	13.1
127	14.1	10.9	16.3