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

Quantitation Report (Not Reviewed)

Data File : VW007976.D
Acq On : 27 Dec 2018 18:19
Operator : SY/AP
Sample : J6540-04
Misc : 5.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEN7

Quant Time: Dec 28 05:59:33 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	87253	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	80083	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	40341	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	19829	23.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.24%			
7) Chloroethane-d5	2.90	69	14188	24.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.96%			
10) 1,1-Dichloroethene-d2	4.01	63	39399	16.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.68%			
20) 2-Butanone-d5	7.08	46	25997	70.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 141.78%#			
24) Chloroform-d	7.65	84	55471	23.90	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	8.31	65	37846	27.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.76%			
29) Benzene-d6	8.27	84	102548	22.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.32%			
33) 1,2-Dichloropropane-d6	9.27	67	29331	24.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.04%			
37) Toluene-d8	10.32	98	99094	22.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.60%			
38) trans-1,3-Dichloropropene-	10.58	79	17378	24.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.12%			
39) 2-Hexanone-d5	10.93	63	22309	71.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 142.78%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35947	30.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.28%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	38845	23.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.36%			

Target Compounds						Qvalue
13) Acetone	4.12	43	4325	12.071	ug/L	71
21) 2-Butanone	6.89	43	527	1.293	ug/L	90
27) 1,2-Dichloroethane	8.28	62	664	0.442	ug/L #	80
35) Trichloroethene	8.84	95	2774	2.228	ug/L #	5
36) Methylcyclohexane	9.27	83	7932	3.715	ug/L #	22
40) 1,2-Dichloropropane	9.27	63	3750	3.723	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1306	0.743	ug/L #	67

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

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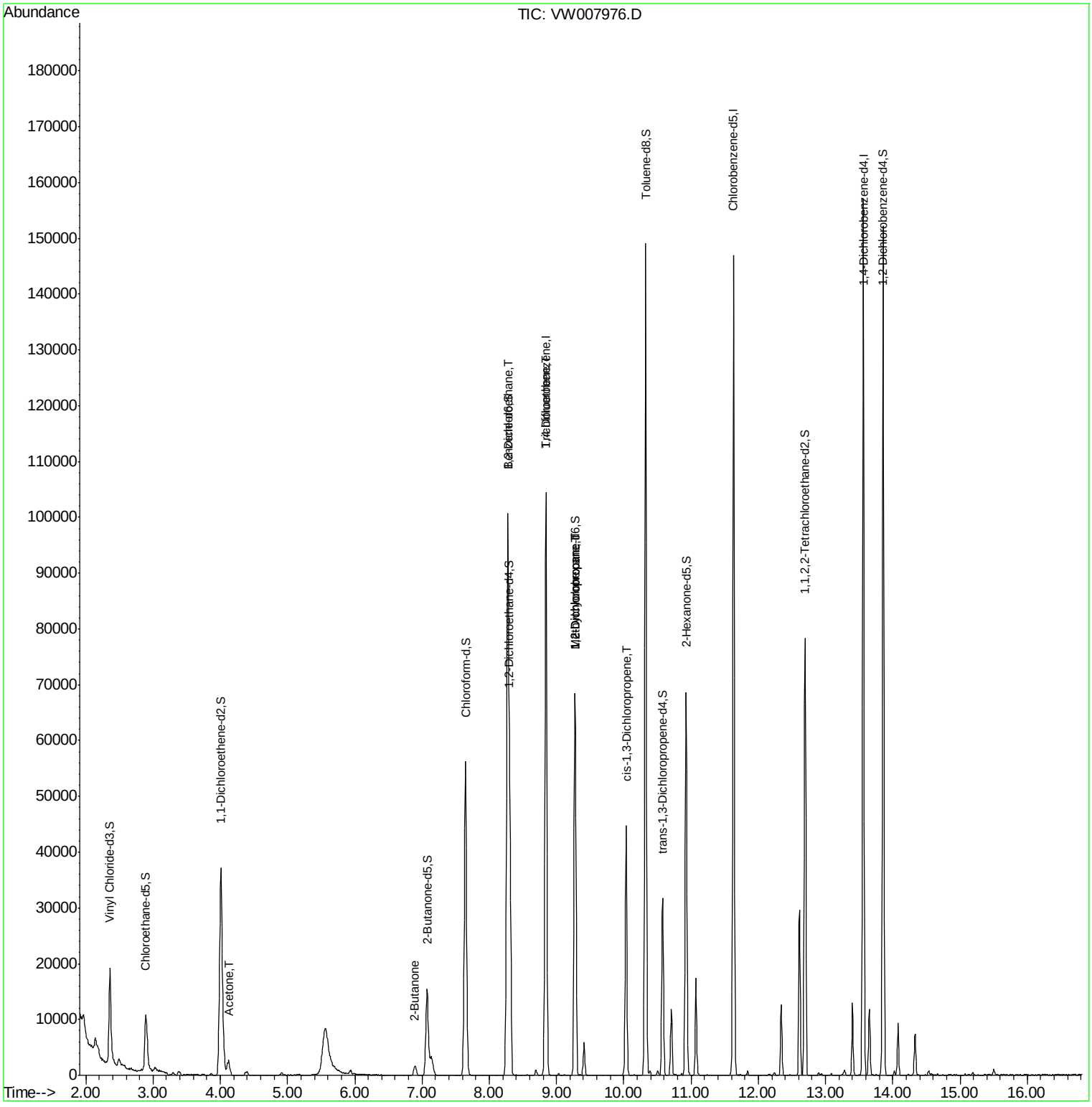
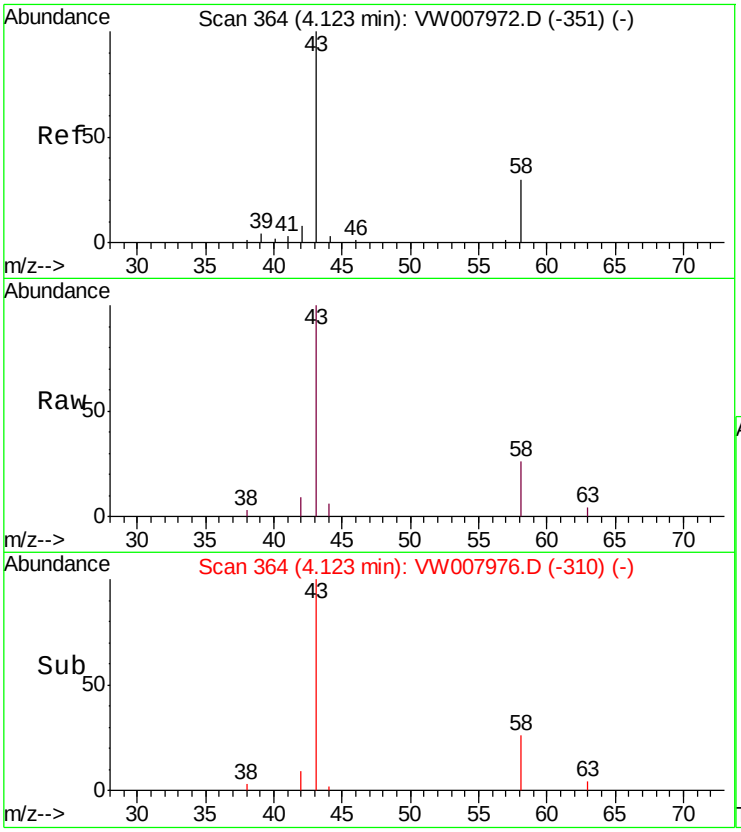
Misc : 5.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEN7

Quant Time: Dec 28 05:59:33 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



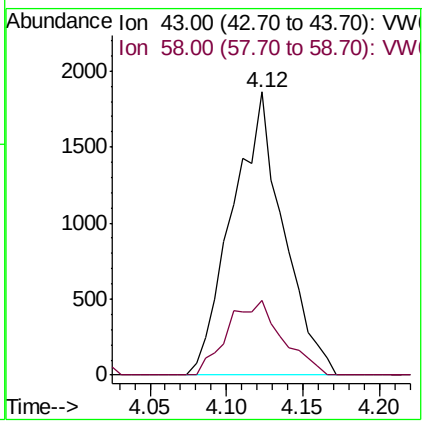


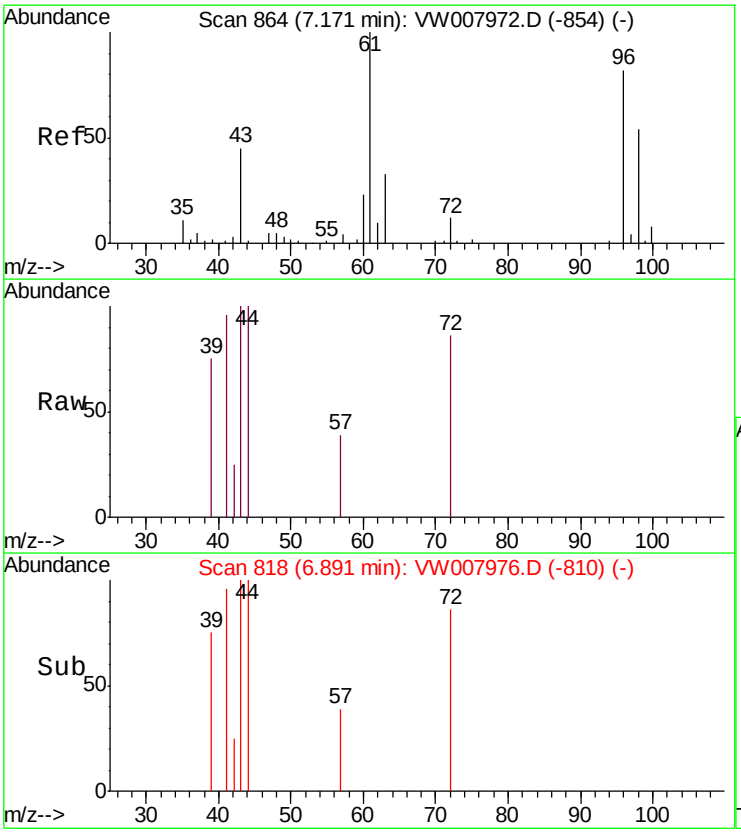
#13
Acetone
Concen: 12.071 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW007976.D
Acq: 27 Dec 2018 18:19

Instrument :
MSVOA_W
ClientSampleId :
GAEN7

Tgt Ion: 43 Resp: 4325

Ion	Ratio	Lower	Upper
43	100		
58	13.5	0.0	58.6

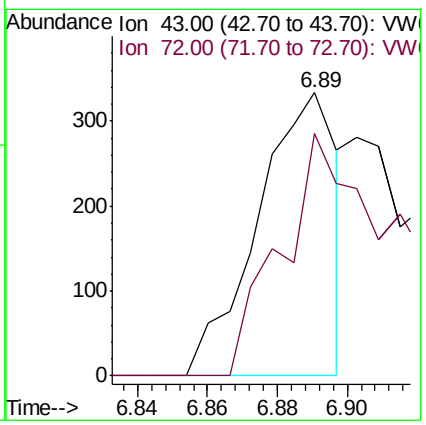


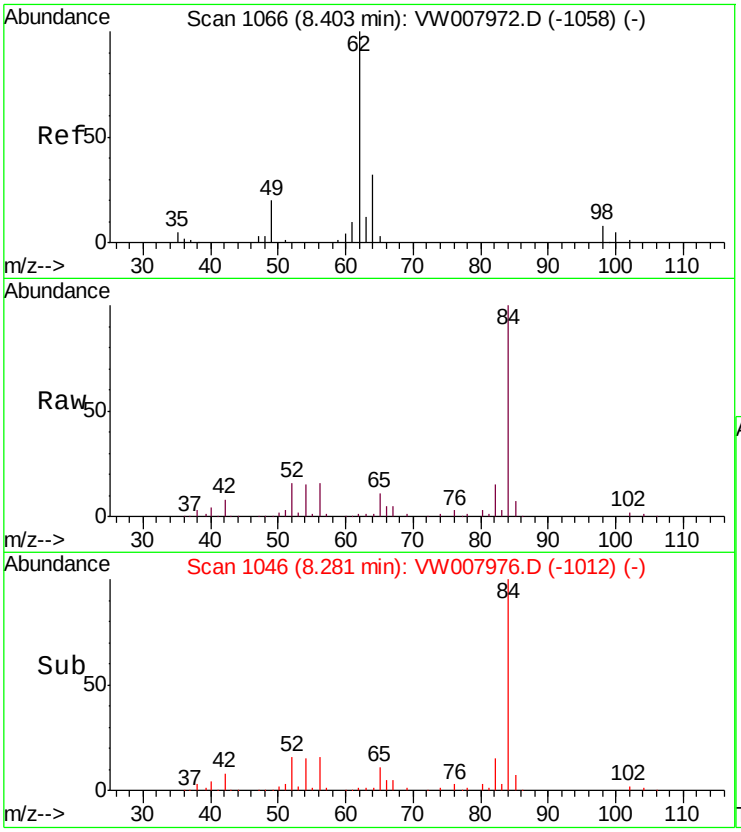


#21
2-Butanone
Concen: 1.293 ug/L
RT: 6.89 min Scan# 818
Delta R.T. -0.28 min
Lab File: VW007976.D
Acq: 27 Dec 2018 18:19

Tgt Ion: 43 Resp: 527

Ion	Ratio	Lower	Upper
43	100		
72	34.0	14.4	43.4



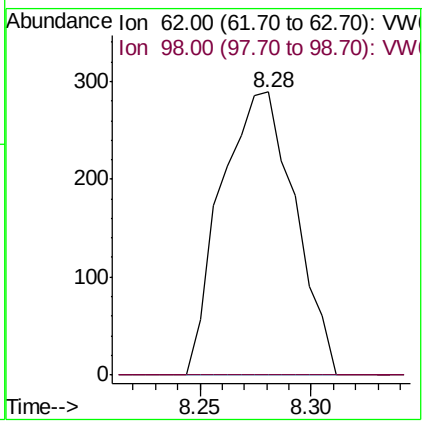


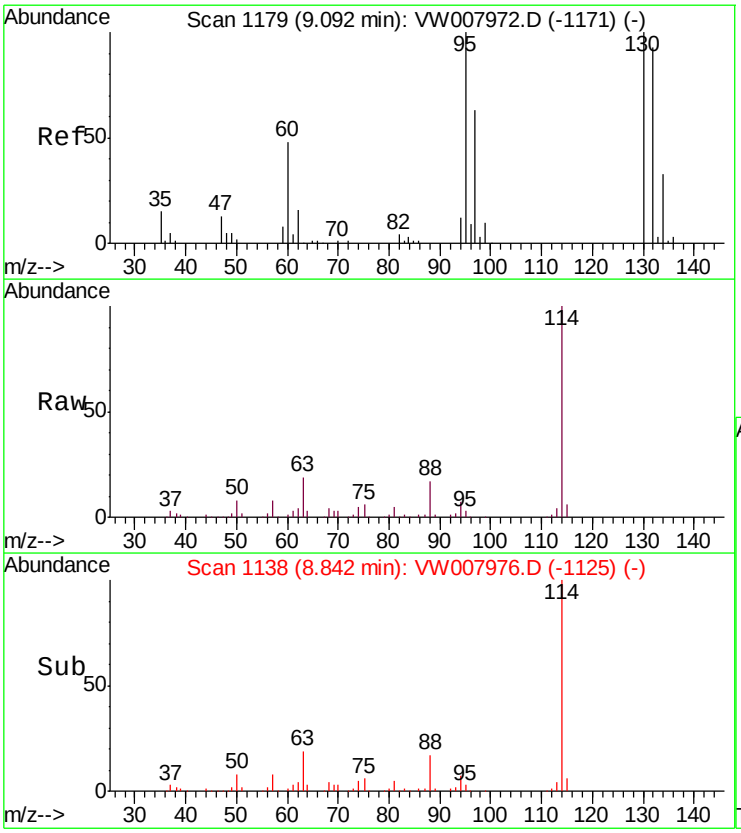
#27
1,2-Dichloroethane
Concen: 0.442 ug/L
RT: 8.28 min Scan# 1046
Delta R.T. -0.12 min
Lab File: VW007976.D
Acq: 27 Dec 2018 18:19

Instrument : MSVOA_W
ClientSampleId : GAEN7

Tgt Ion: 62 Resp: 664

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.2#

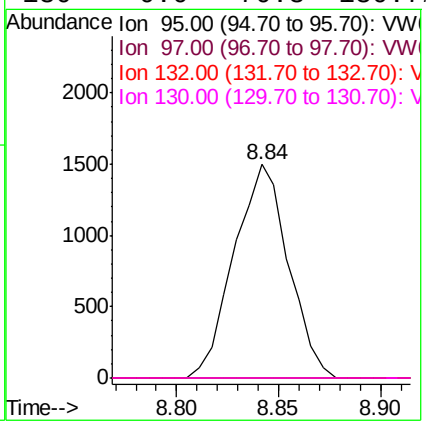


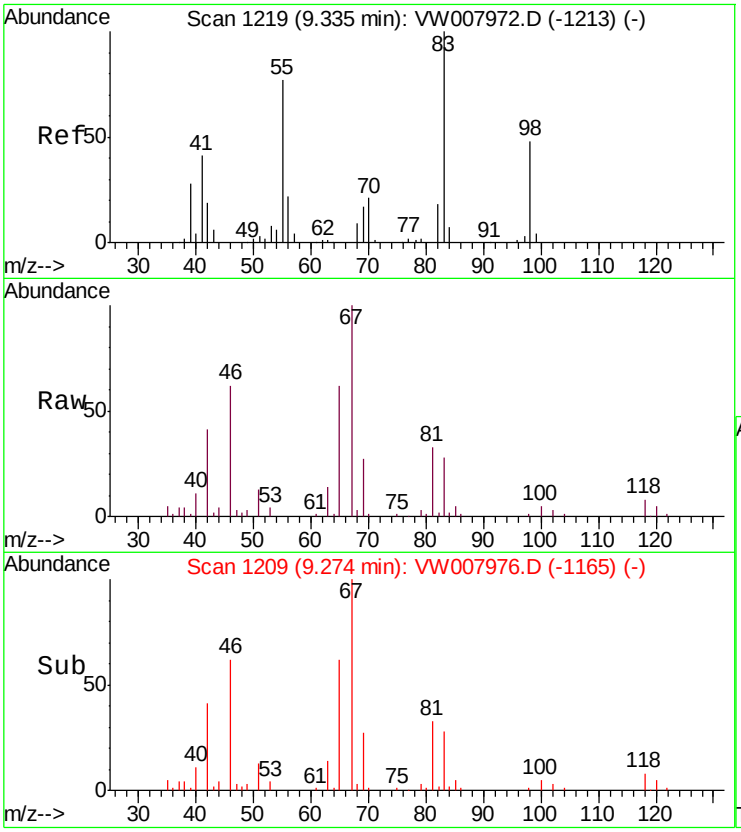


#35
Trichloroethene
Concen: 2.228 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW007976.D
Acq: 27 Dec 2018 18:19

Tgt Ion: 95 Resp: 2774

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#



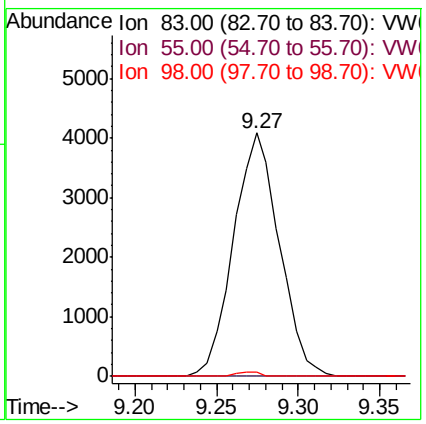


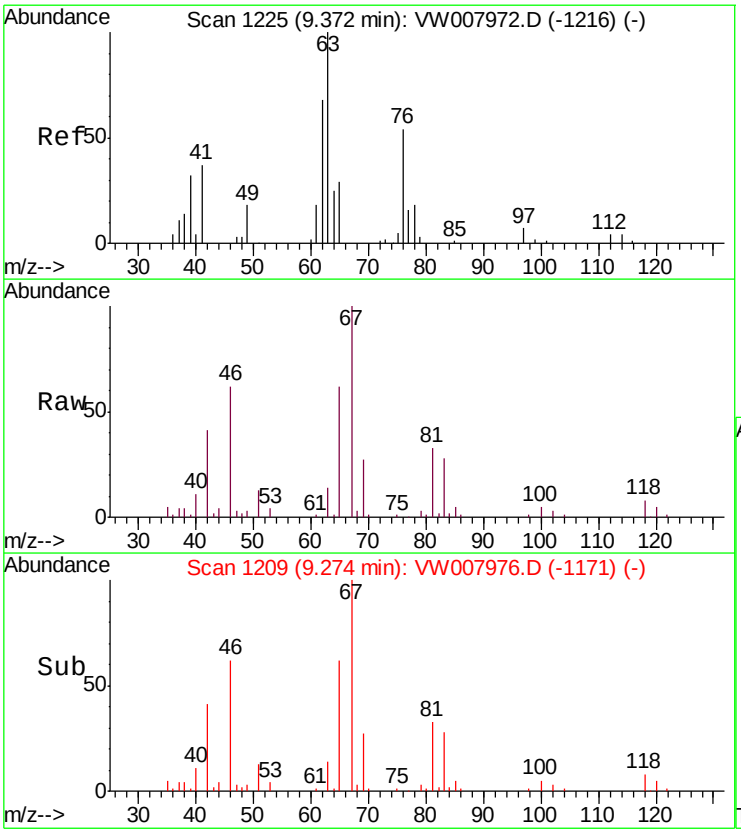
#36
Methylcyclohexane
Concen: 3.715 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007976.D
Acq: 27 Dec 2018 18:19

Instrument : MSVOA_W
ClientSampleId : GAEN7

Tgt Ion: 83 Resp: 7932

Ion	Ratio	Lower	Upper
83	100		
55	3.2	59.4	89.0#
98	0.9	38.2	57.2#

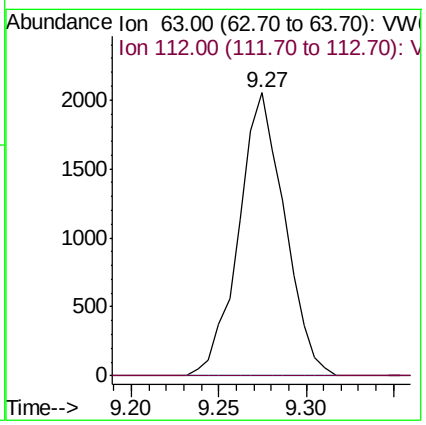


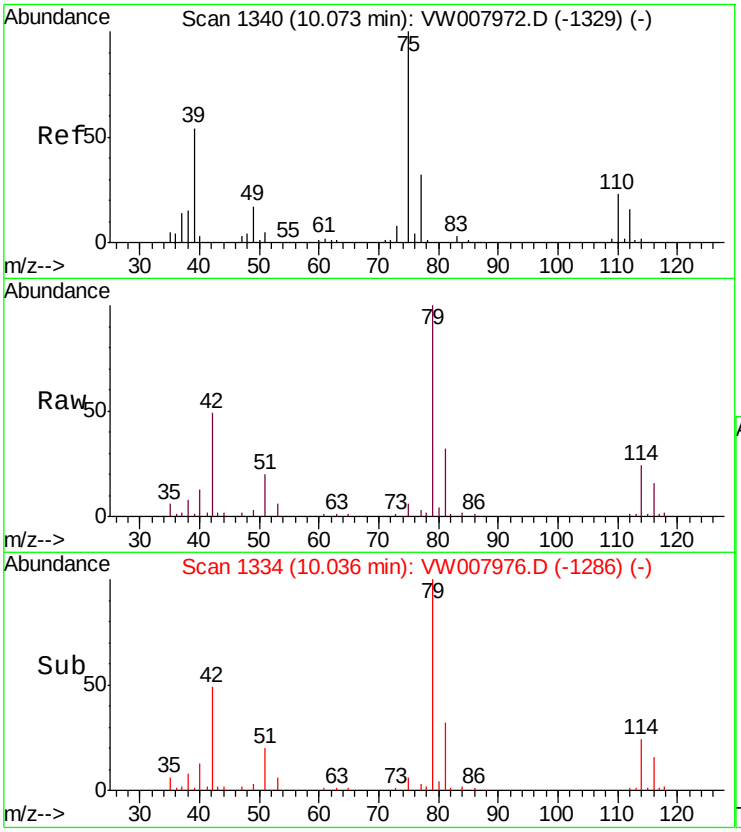


#40
1,2-Dichloropropane
Concen: 3.723 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007976.D
Acq: 27 Dec 2018 18:19

Tgt Ion: 63 Resp: 3750

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#





#42
cis-1,3-Dichloropropene
Concen: 0.743 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW007976.D
Acq: 27 Dec 2018 18:19

Instrument :
MSVOA_W
ClientSampleId :
GAEN7

Tgt Ion: 75 Resp: 1306

Ion	Ratio	Lower	Upper
75	100		
77	51.3	23.0	42.8#