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

Quantitation Report (Not Reviewed)

Data File : VW007991.D
Acq On : 28 Dec 2018 00:48
Operator : SY/AP
Sample : J6540-16
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP7

Quant Time: Dec 28 06:02:22 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	94426	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	89825	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	43593	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	20991	22.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.24%			
7) Chloroethane-d5	2.90	69	16009	25.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.12%			
10) 1,1-Dichloroethene-d2	4.01	63	42640	16.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.72%			
20) 2-Butanone-d5	7.07	46	25509	64.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.56%			
24) Chloroform-d	7.65	84	64077	25.51	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.04%			
26) 1,2-Dichloroethane-d4	8.31	65	44361	29.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.80%			
29) Benzene-d6	8.27	84	117118	23.25	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.00%			
33) 1,2-Dichloropropane-d6	9.27	67	34282	25.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.08%			
37) Toluene-d8	10.32	98	112483	22.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.68%			
38) trans-1,3-Dichloropropene-	10.58	79	19803	25.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.68%			
39) 2-Hexanone-d5	10.93	63	23055	65.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.56%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39961	30.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 121.20%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	45183	25.66	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.64%			

Target Compounds						Qvalue
13) Acetone	4.12	43	2569	6.626	ug/L	97
21) 2-Butanone	7.16	43	267	0.605	ug/L #	46
27) 1,2-Dichloroethane	8.27	62	773	0.475	ug/L #	80
35) Trichloroethene	8.84	95	3077	2.203	ug/L #	5
36) Methylcyclohexane	9.27	83	9653	4.031	ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4324	3.827	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1352	0.685	ug/L #	73
45) trans-1,3-Dichloropropene	10.58	75	1126	0.620	ug/L	93

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

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Quantitation Report (Not Reviewed)

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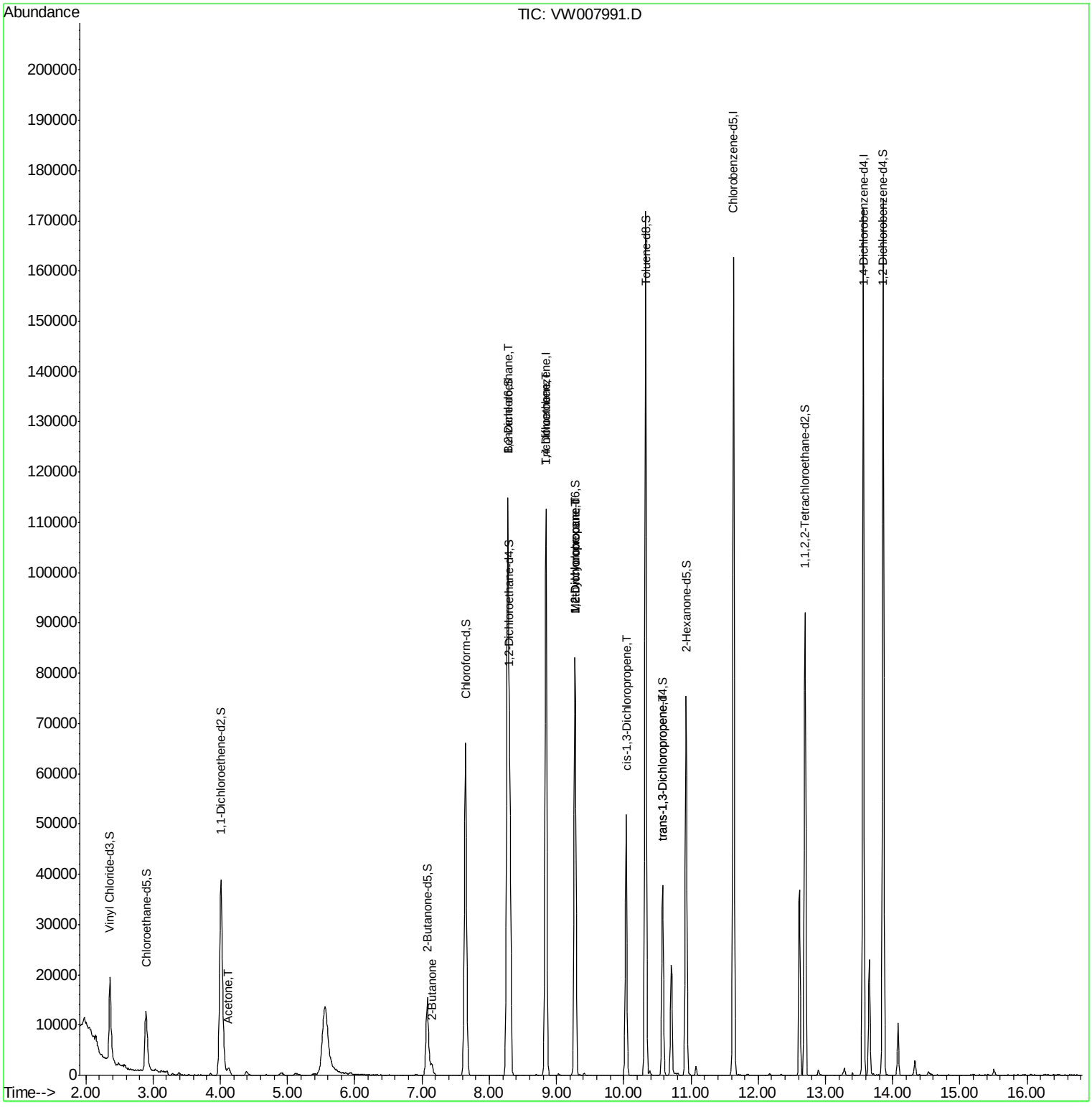
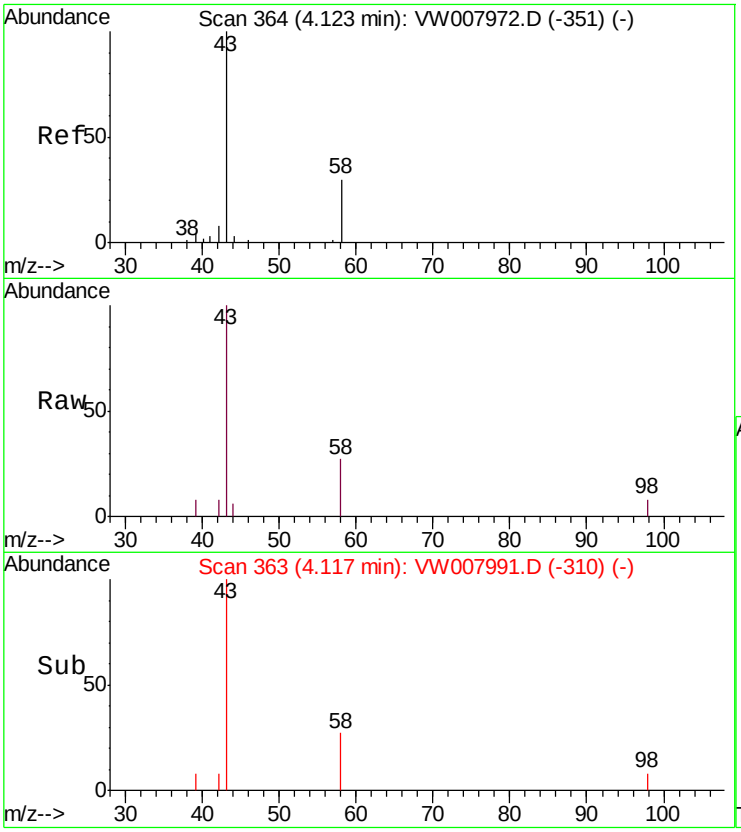
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAEP7

Quant Time: Dec 28 06:02:22 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



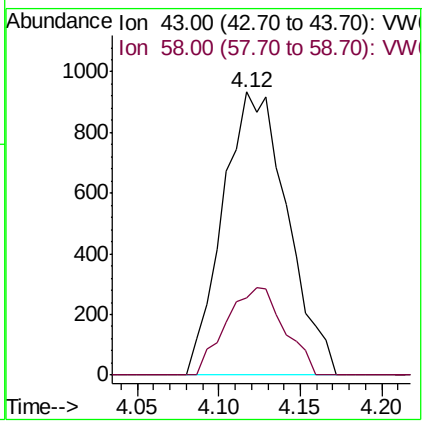


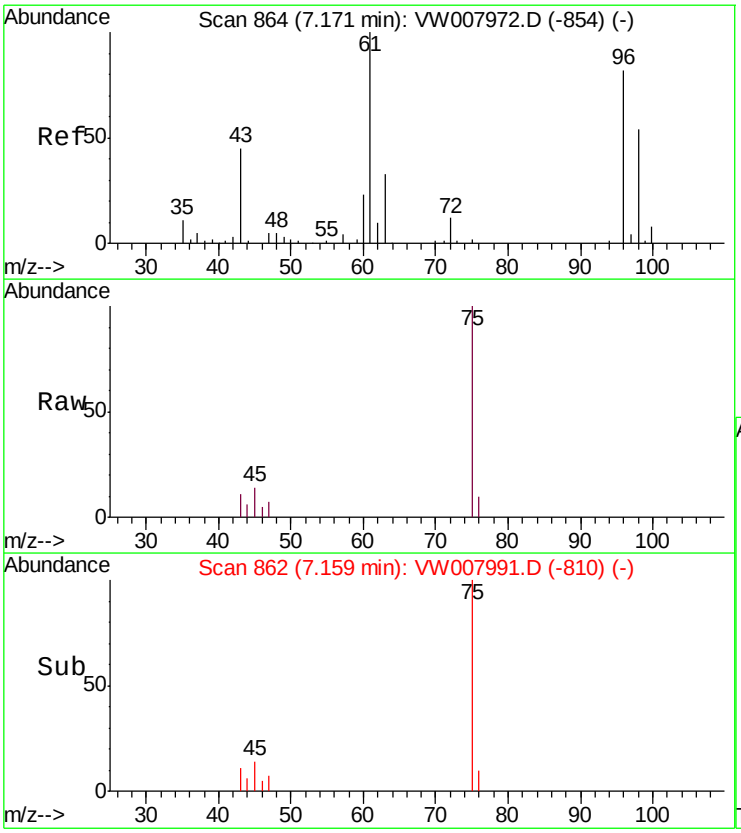
#13
Acetone
Concen: 6.626 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW007991.D
Acq: 28 Dec 2018 00:48

Instrument : MSVOA_W
ClientSampleId : GAEP7

Tgt Ion: 43 Resp: 2569

Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	58.6

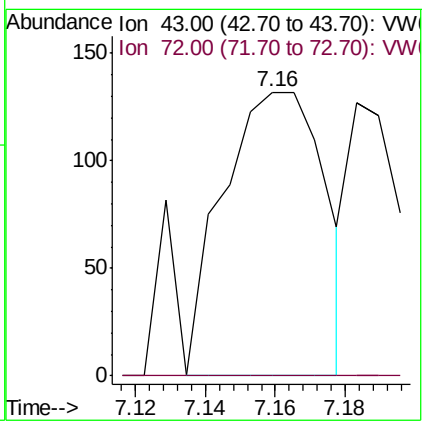


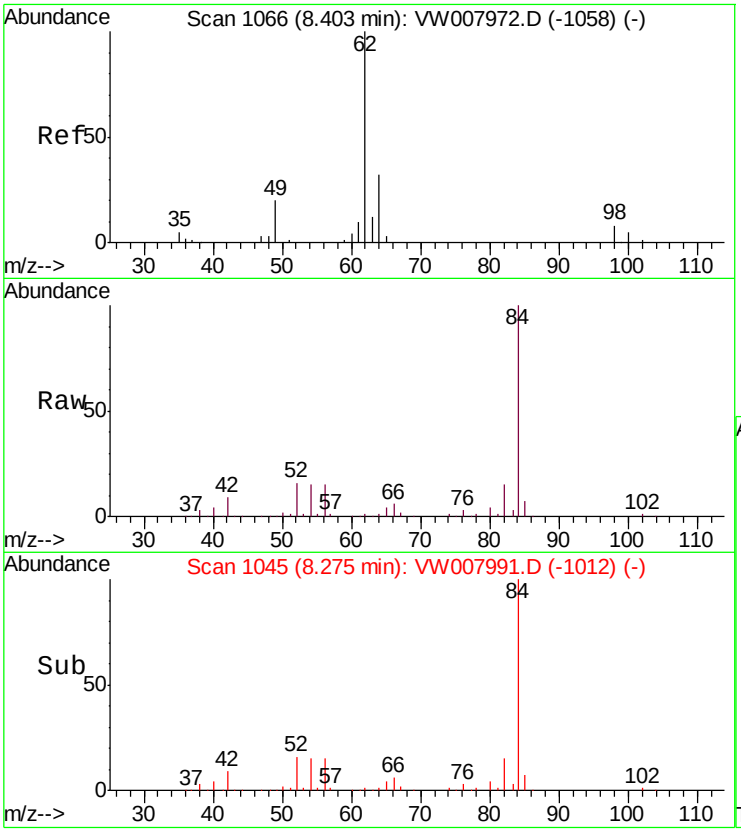


#21
2-Butanone
Concen: 0.605 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW007991.D
Acq: 28 Dec 2018 00:48

Tgt Ion: 43 Resp: 267

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	43.4#



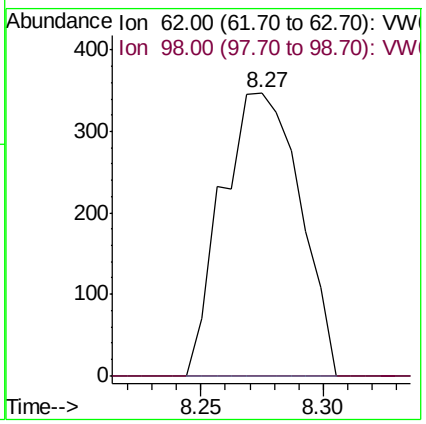


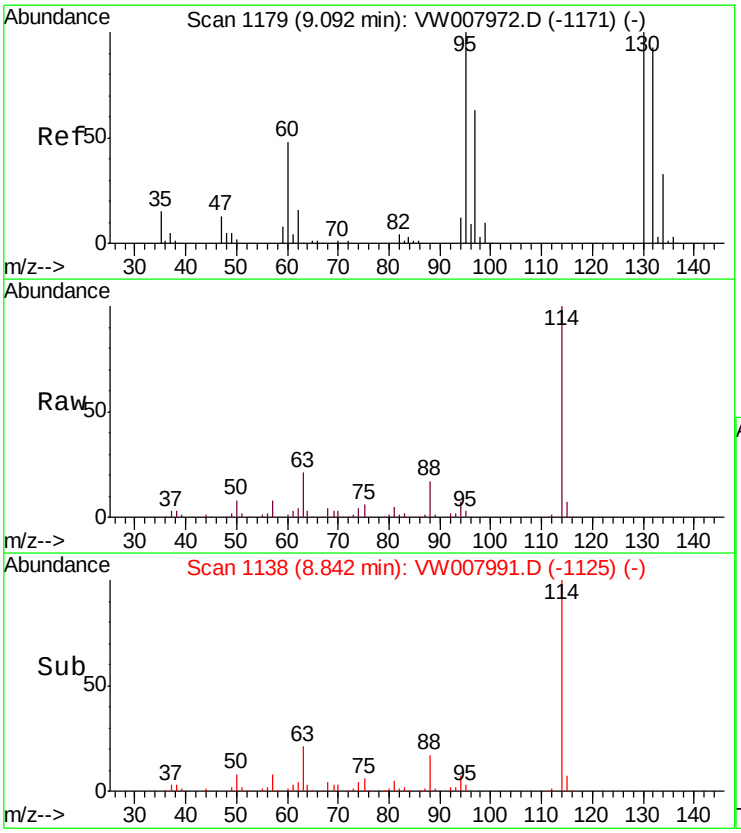
#27
1,2-Dichloroethane
Concen: 0.475 ug/L
RT: 8.27 min Scan# 1045
Delta R.T. -0.13 min
Lab File: VW007991.D
Acq: 28 Dec 2018 00:48

Instrument : MSVOA_W
ClientSampleId : GAEP7

Tgt Ion: 62 Resp: 773

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.2#

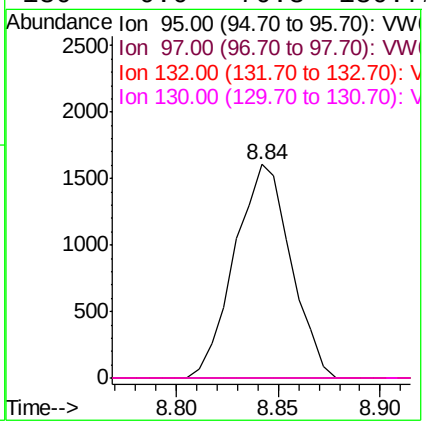


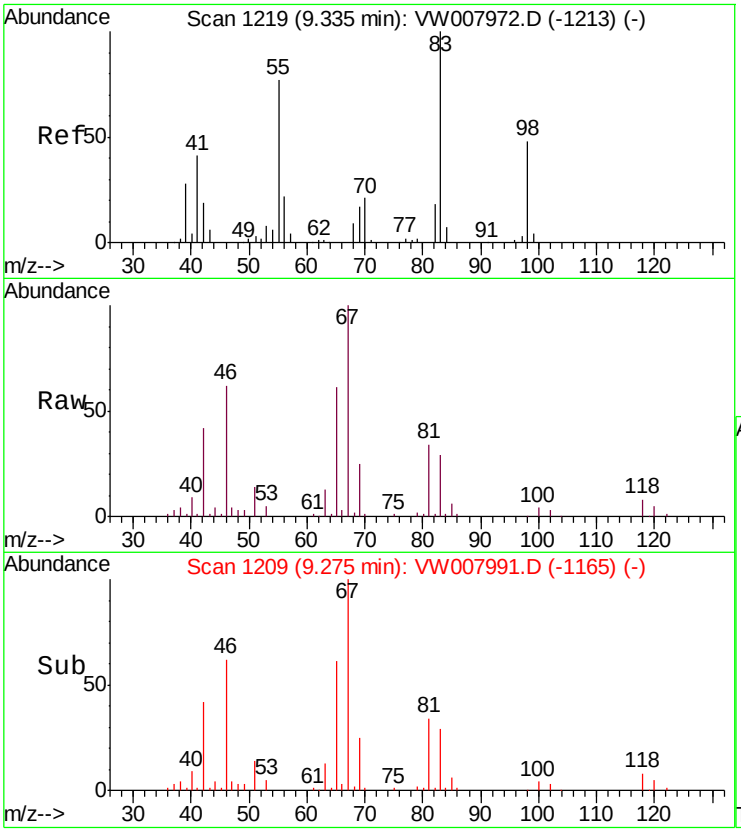


#35
Trichloroethene
Concen: 2.203 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW007991.D
Acq: 28 Dec 2018 00:48

Tgt Ion: 95 Resp: 3077

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#



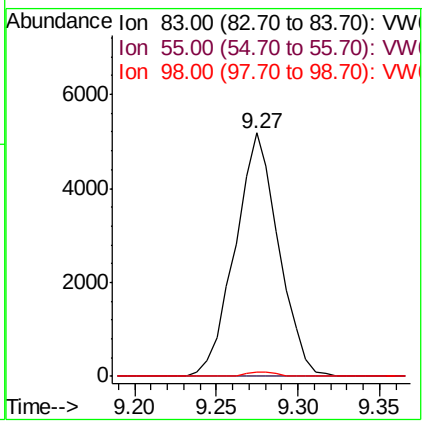


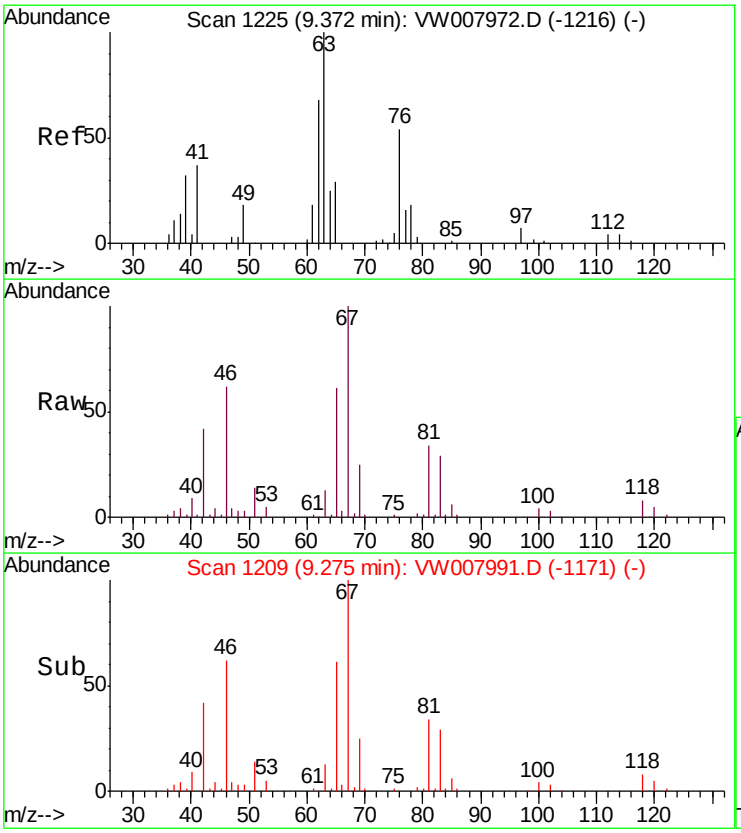
#36
Methylcyclohexane
Concen: 4.031 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007991.D
Acq: 28 Dec 2018 00:48

Instrument : MSVOA_W
ClientSampleId : GAEP7

Tgt Ion: 83 Resp: 9653

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	1.2	38.2	57.2#

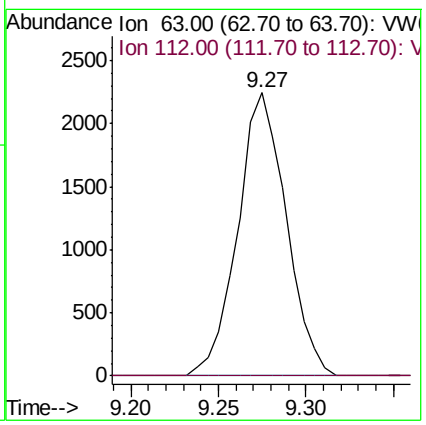


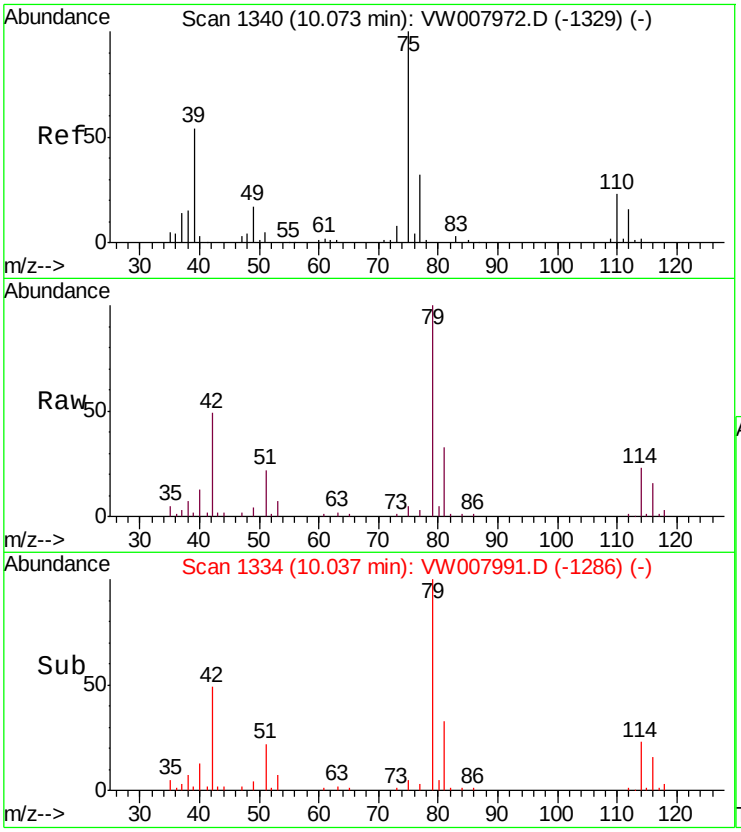


#40
1,2-Dichloropropane
Concen: 3.827 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007991.D
Acq: 28 Dec 2018 00:48

Tgt Ion: 63 Resp: 4324

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



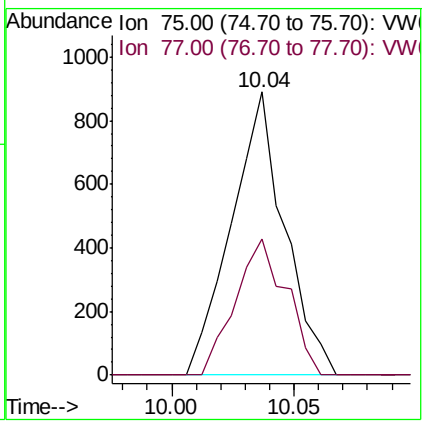


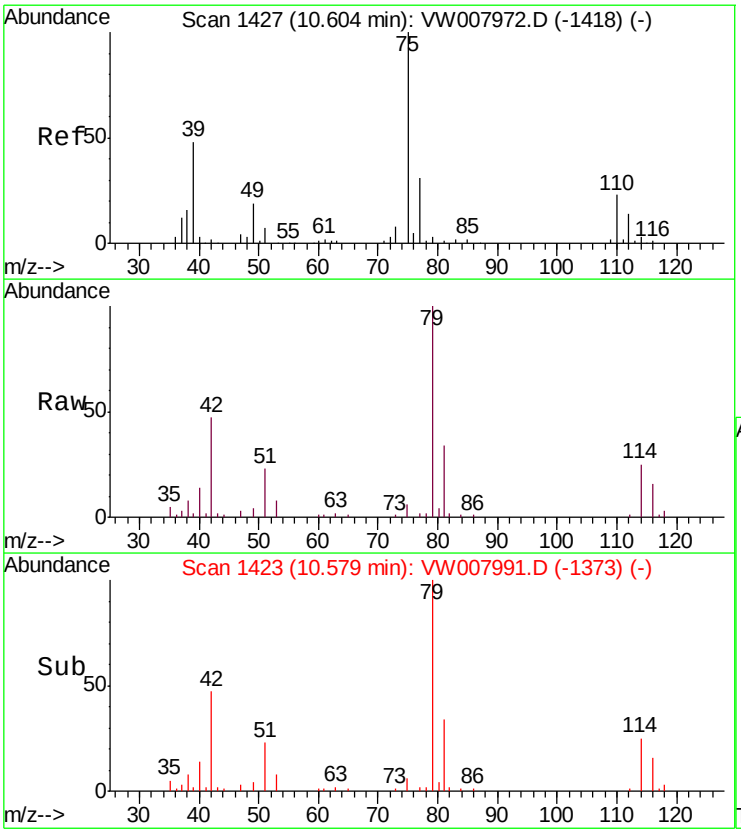
#42
cis-1,3-Dichloropropene
Concen: 0.685 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW007991.D
Acq: 28 Dec 2018 00:48

Instrument :
MSVOA_W
ClientSampleId :
GAEP7

Tgt Ion: 75 Resp: 1352

Ion	Ratio	Lower	Upper
75	100		
77	48.0	23.0	42.8#





#45
trans-1,3-Dichloropropene
Concen: 0.620 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW007991.D
Acq: 28 Dec 2018 00:48

Tgt Ion: 75 Resp: 1126

Ion	Ratio	Lower	Upper
75	100		
77	34.2	21.1	39.3