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

Quantitation Report (Not Reviewed)

Data File : VW007928.D
Acq On : 26 Dec 2018 17:32
Operator : SY/AP
Sample : J6471-15
Misc : 5.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9H02

Quant Time: Dec 27 00:47:57 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	73591	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	60436	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	25614	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	17955	24.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.04%			
7) Chloroethane-d5	2.90	69	12164	24.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.56%			
10) 1,1-Dichloroethene-d2	4.01	63	35520	18.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.36%			
20) 2-Butanone-d5	7.08	46	13187	42.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.28%			
24) Chloroform-d	7.65	84	44207	22.58	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.32%			
26) 1,2-Dichloroethane-d4	8.31	65	29244	24.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.64%			
29) Benzene-d6	8.27	84	86464	25.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.04%			
33) 1,2-Dichloropropane-d6	9.27	67	24301	26.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.44%			
37) Toluene-d8	10.32	98	78724	23.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.36%			
38) trans-1,3-Dichloropropene-	10.58	79	12165	22.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.92%			
39) 2-Hexanone-d5	10.93	63	11432	48.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.96%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	21243	23.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.76%			
61) 1,2-Dichlorobenzene-d4	13.86	152	22951	22.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.72%			
Target Compounds						Qvalue
21) 2-Butanone	7.15	43	992	2.885	ug/L #	46
27) 1,2-Dichloroethane	8.27	62	434	0.342	ug/L #	80
35) Trichloroethene	8.84	95	2351	2.502	ug/L #	5
36) Methylcyclohexane	9.27	83	6759	4.195	ug/L #	19
40) 1,2-Dichloropropane	9.28	63	2995	3.940	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	814	0.613	ug/L #	69
49) 2-Hexanone	10.93	43	1713	3.946	ug/L #	61

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

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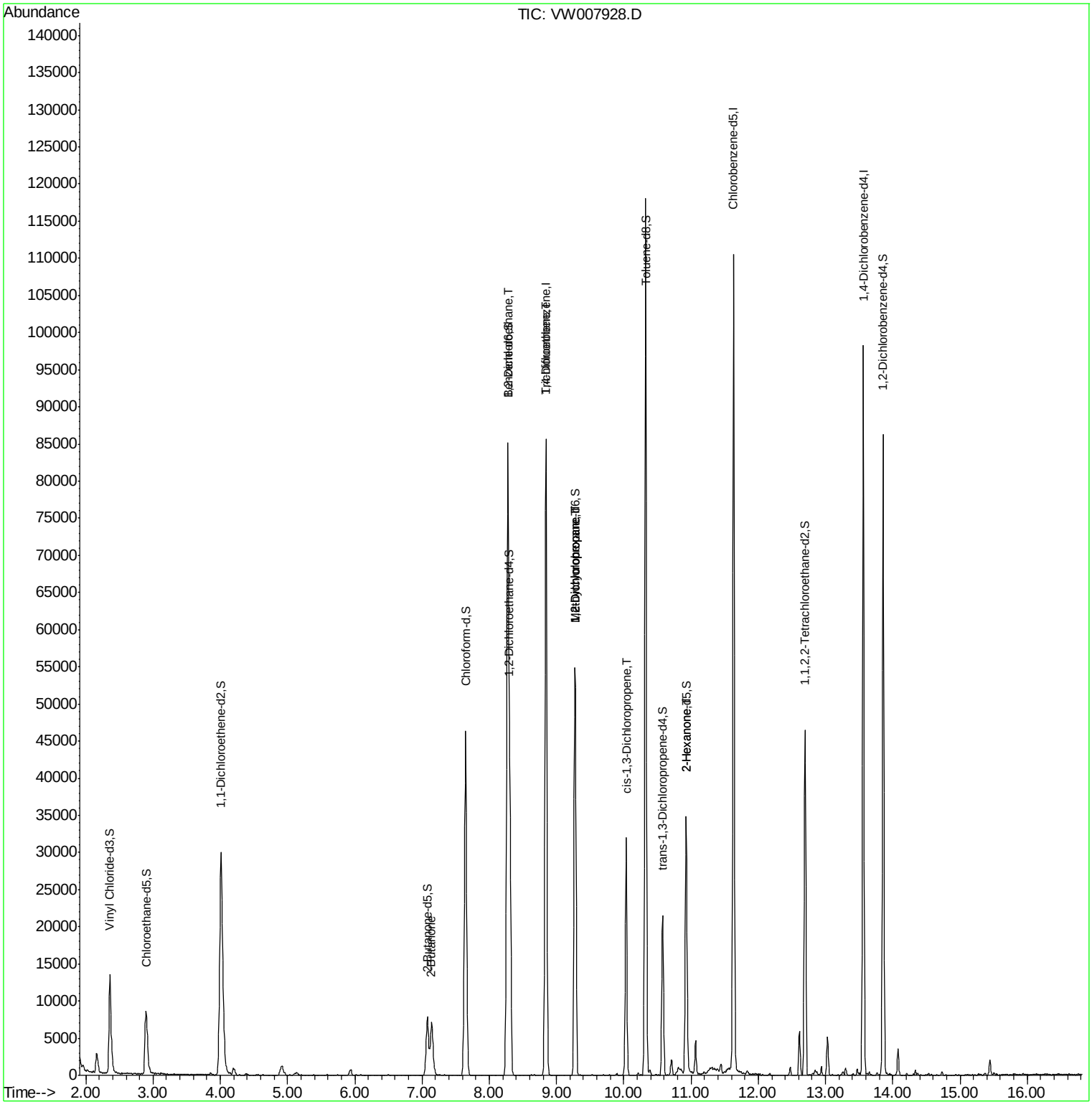
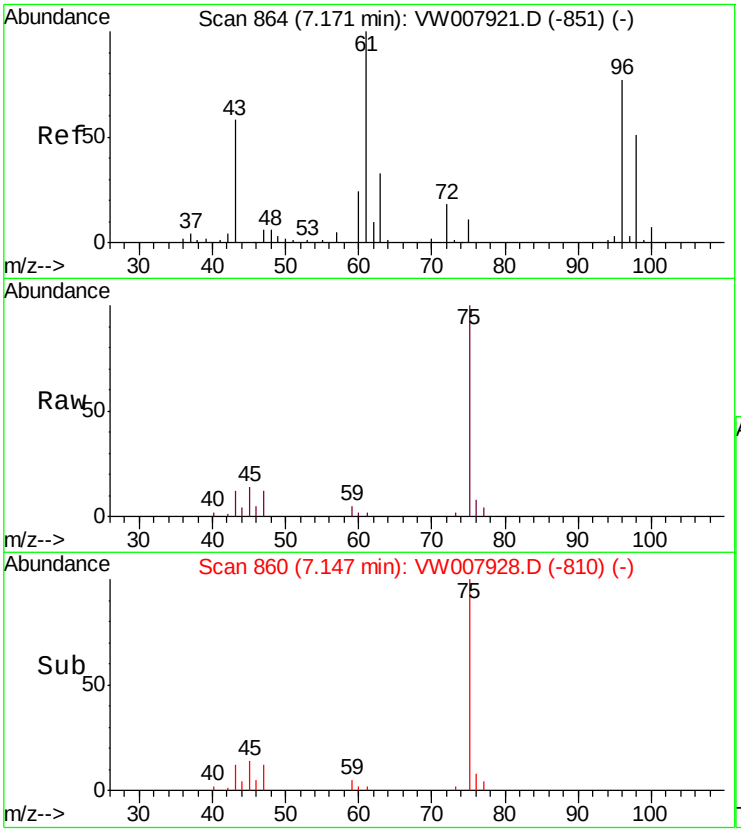
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration



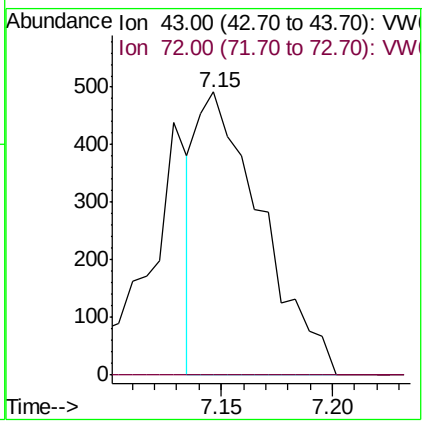


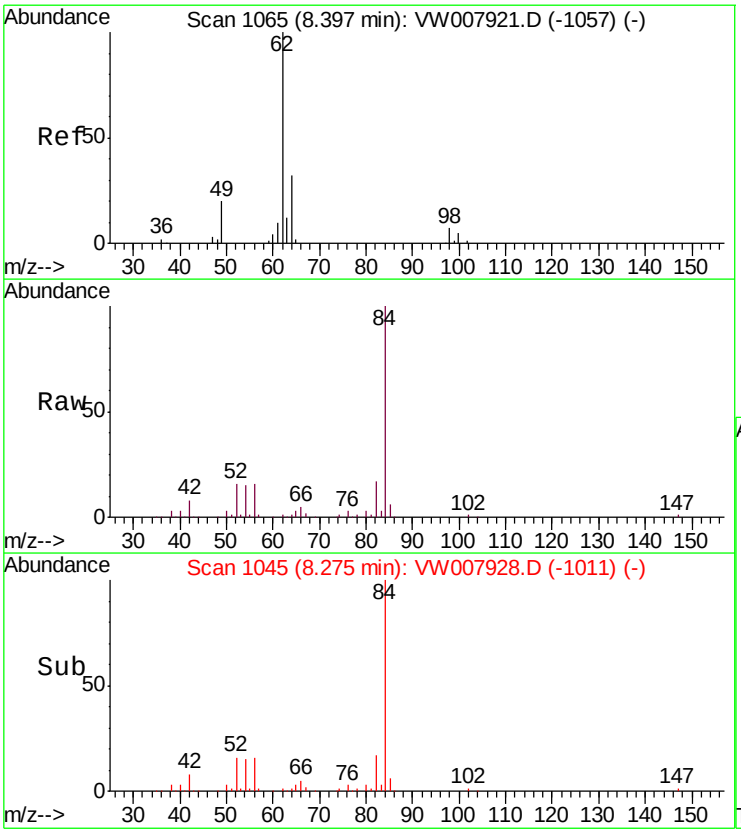
#21
2-Butanone
Concen: 2.885 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW007928.D
Acq: 26 Dec 2018 17:32

Instrument : MSVOA_W
ClientSampleId : F9H02

Tgt Ion: 43 Resp: 992

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	43.4#

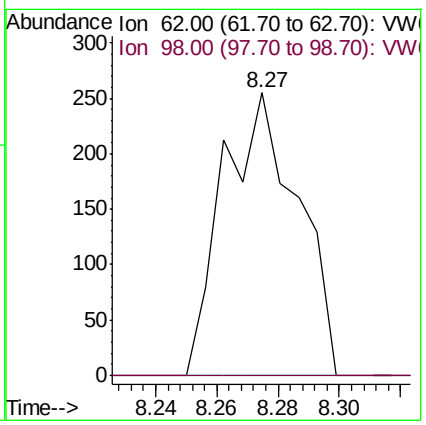


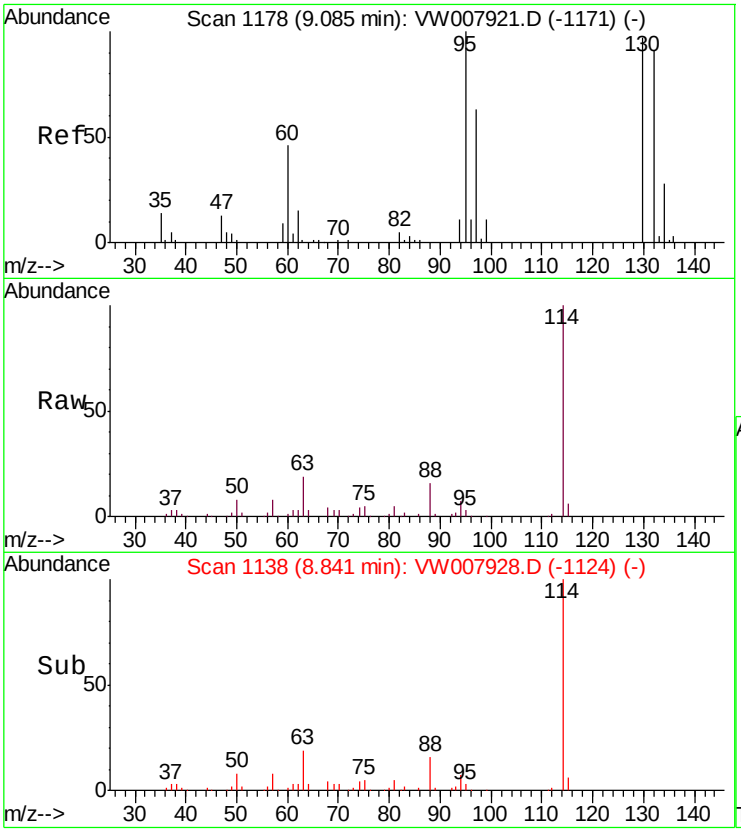


#27
1,2-Dichloroethane
Concen: 0.342 ug/L
RT: 8.27 min Scan# 1045
Delta R.T. -0.12 min
Lab File: VW007928.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 62 Resp: 434

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.2#



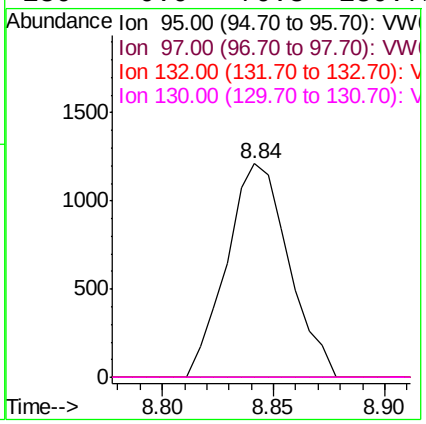


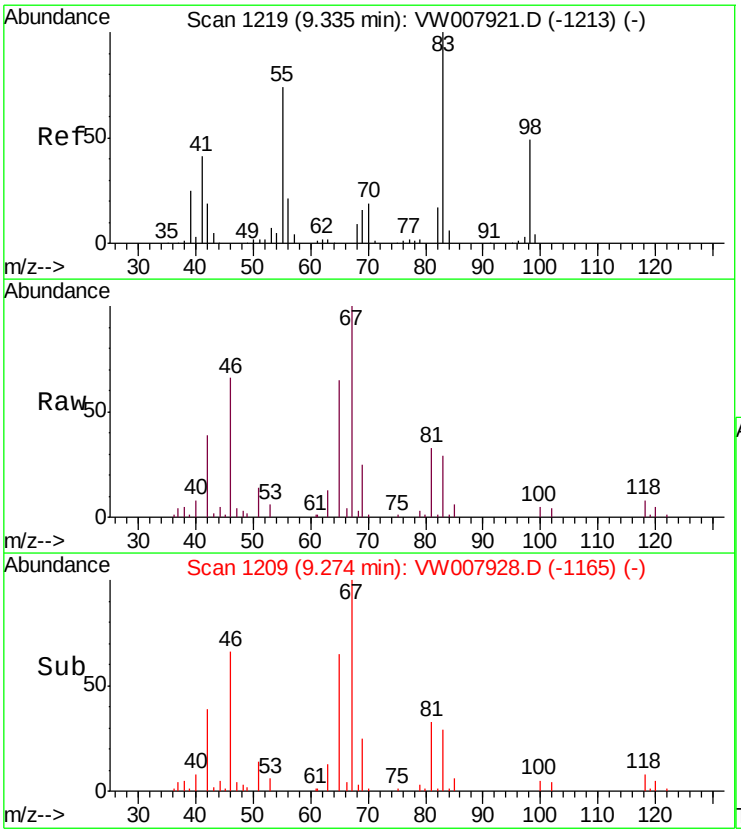
#35
Trichloroethene
Concen: 2.502 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VW007928.D
Acq: 26 Dec 2018 17:32

Instrument : MSVOA_W
ClientSampleId : F9H02

Tgt Ion: 95 Resp: 2351

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#

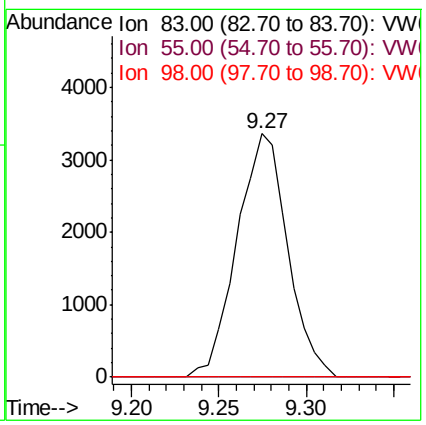


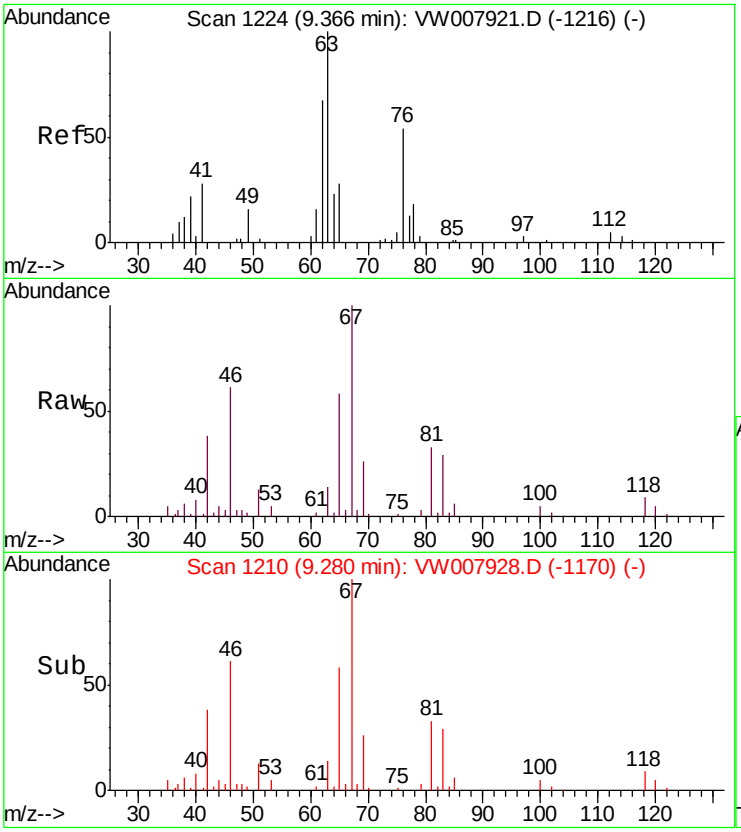


#36
Methylcyclohexane
Concen: 4.195 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007928.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 83 Resp: 6759

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



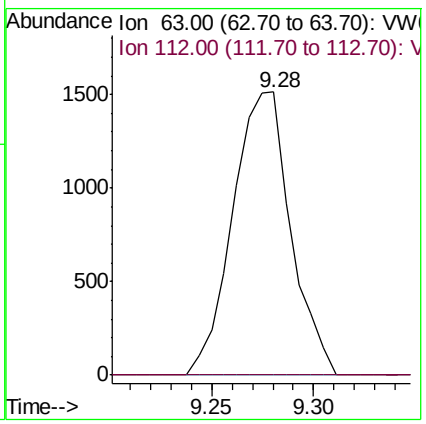


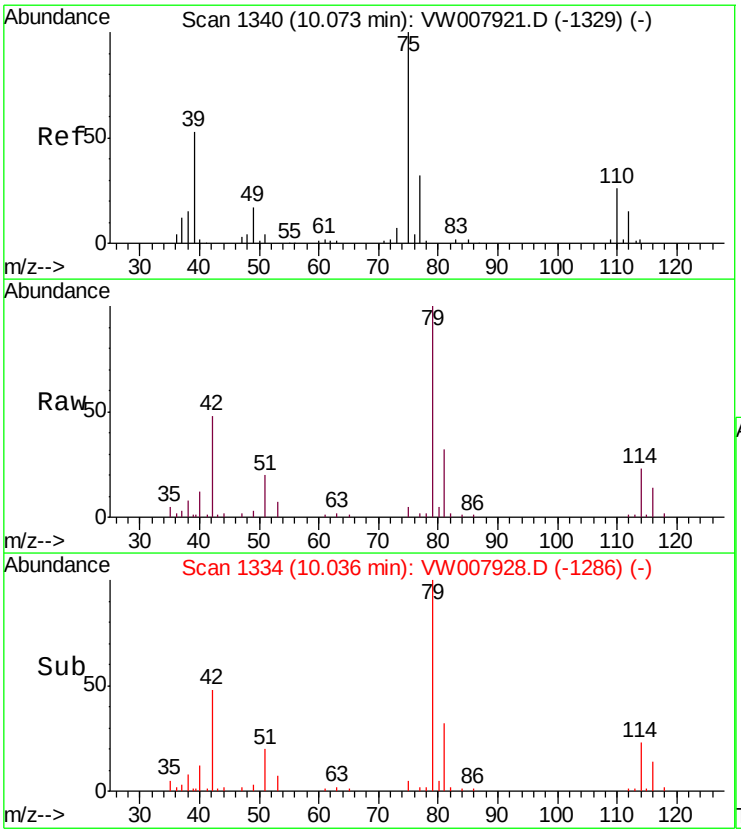
#40
1,2-Dichloropropane
Concen: 3.940 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW007928.D
Acq: 26 Dec 2018 17:32

Instrument :
MSVOA_W
ClientSampleId :
F9H02

Tgt Ion: 63 Resp: 2995

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

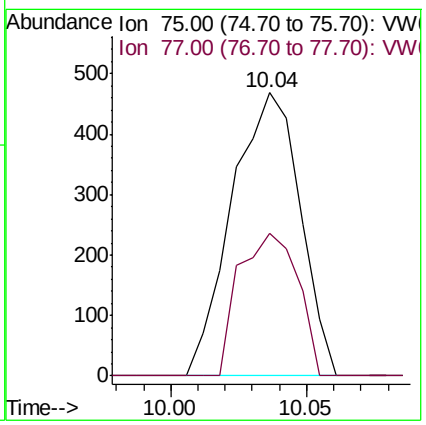


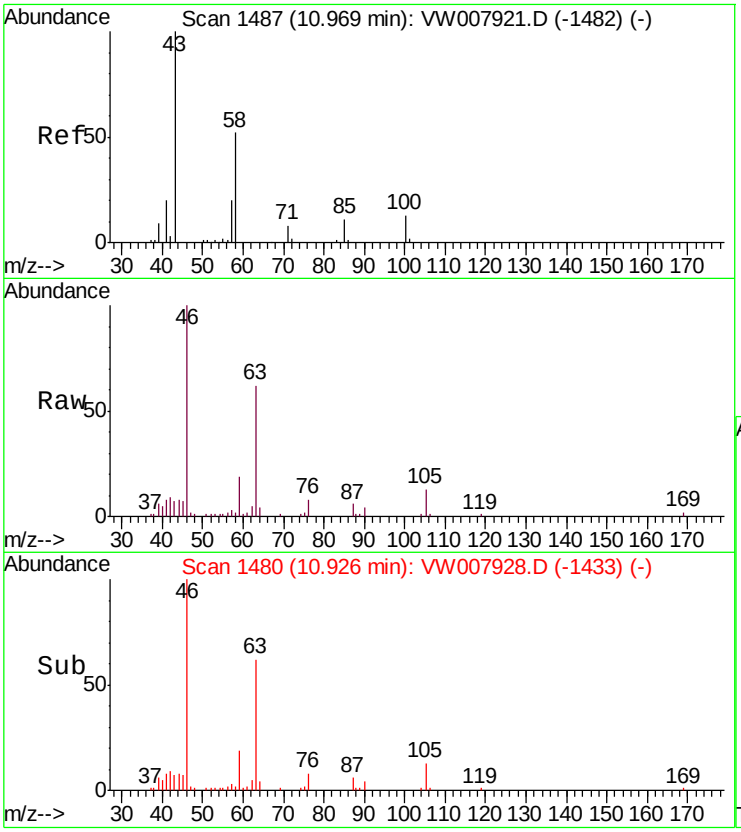


#42
cis-1,3-Dichloropropene
Concen: 0.613 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW007928.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 75 Resp: 814

Ion	Ratio	Lower	Upper
75	100		
77	50.2	23.0	42.8#





#49
2-Hexanone
Concen: 3.946 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW007928.D
Acq: 26 Dec 2018 17:32

Instrument :
MSVOA_W
ClientSampleId :
F9H02

Tgt Ion: 43 Resp: 1713

Ion	Ratio	Lower	Upper
43	100		
58	18.1	46.2	69.4#
57	20.5	17.9	26.9
100	0.0	11.4	17.2#