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

Quantitation Report (Not Reviewed)

Data File : VW007932.D
Acq On : 26 Dec 2018 19:16
Operator : SY/AP
Sample : J6487-03
Misc : 5.61G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9H09

Quant Time: Dec 27 00:48:44 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	77806	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	65682	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	25781	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	20939	27.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.24%			
7) Chloroethane-d5	2.89	69	14176	27.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.76%			
10) 1,1-Dichloroethene-d2	4.01	63	41107	19.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.20%			
20) 2-Butanone-d5	7.08	46	15048	46.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.04%			
24) Chloroform-d	7.65	84	53226	25.71	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.84%			
26) 1,2-Dichloroethane-d4	8.31	65	33026	26.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.44%			
29) Benzene-d6	8.27	84	102204	27.74	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.96%			
33) 1,2-Dichloropropane-d6	9.27	67	28090	28.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.12%			
37) Toluene-d8	10.32	98	93828	26.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.56%			
38) trans-1,3-Dichloropropene-	10.58	79	13909	24.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.72%			
39) 2-Hexanone-d5	10.93	63	12108	47.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.48%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25841	26.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.20%			
61) 1,2-Dichlorobenzene-d4	13.86	152	26360	25.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.24%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.01	96	265	0.295	ug/L #	1
13) Acetone	4.13	43	1223	3.828	ug/L	61
21) 2-Butanone	7.13	43	2259	6.214	ug/L #	46
35) Trichloroethene	8.84	95	2524	2.472	ug/L #	5
36) Methylcyclohexane	9.27	83	7590	4.334	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	3542	4.287	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	931	0.646	ug/L #	50
49) 2-Hexanone	10.96	43	2362	5.007	ug/L #	38

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

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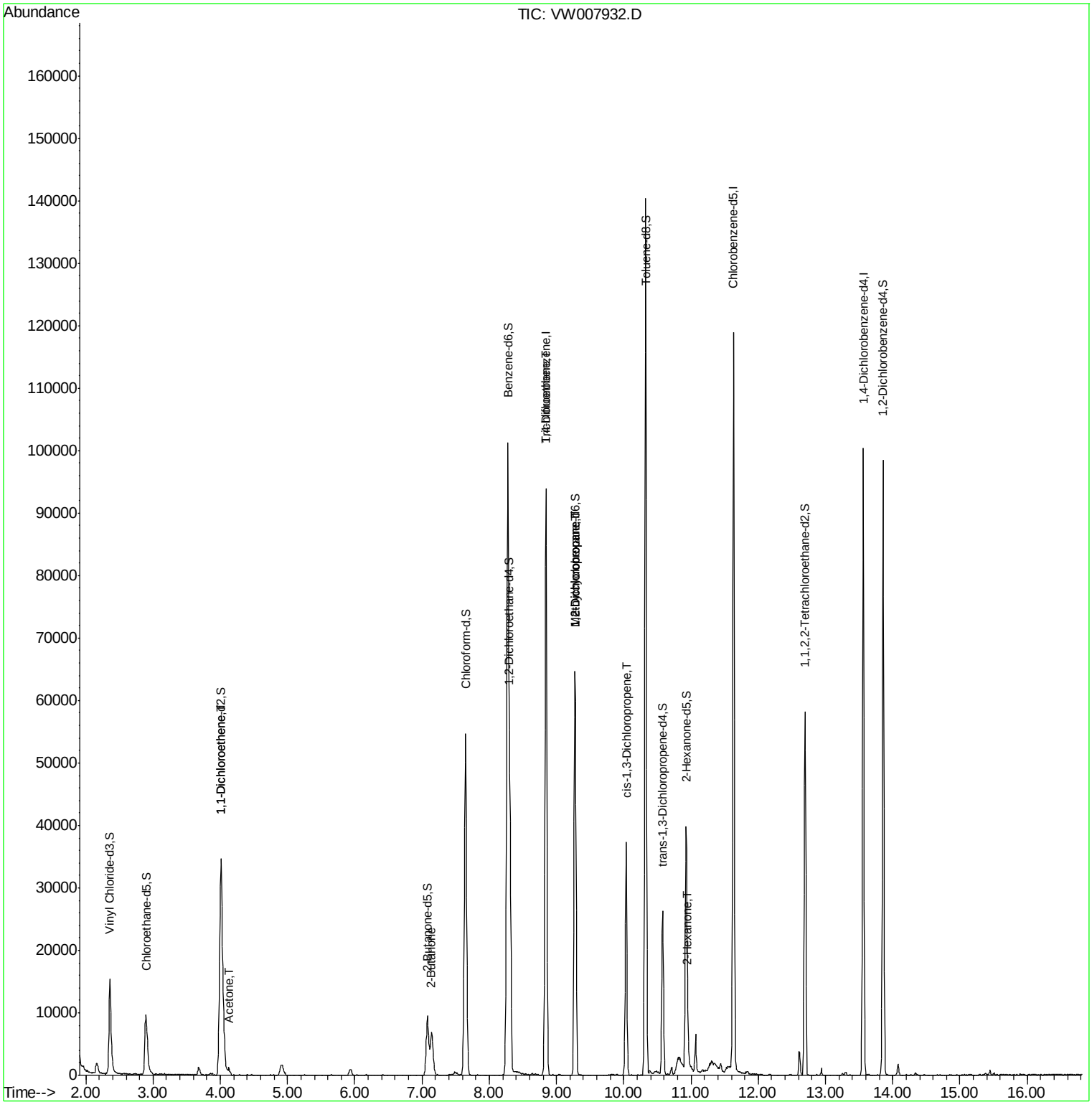
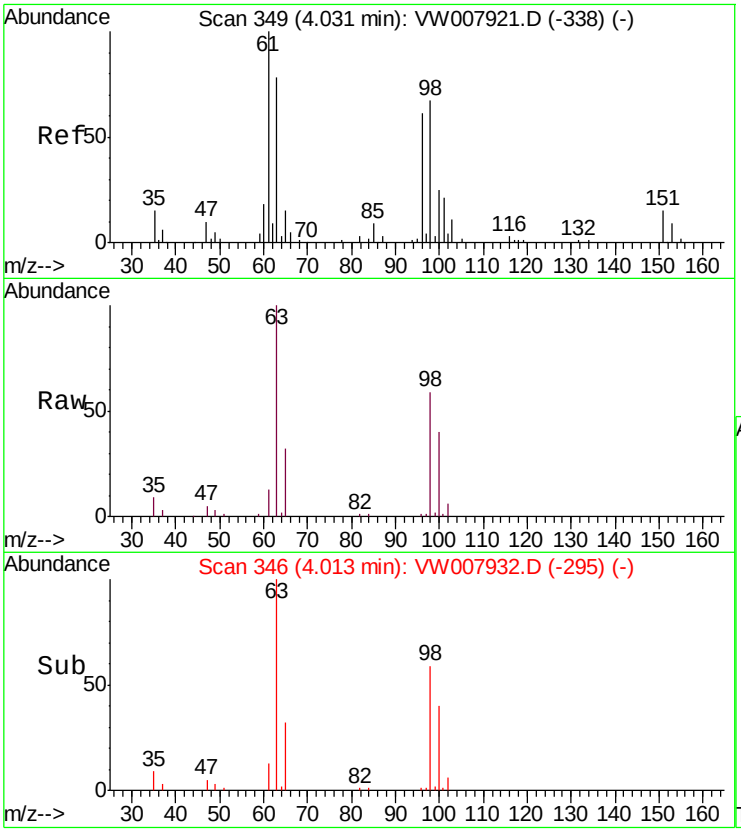
Quant Time: Dec 27 00:48:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration



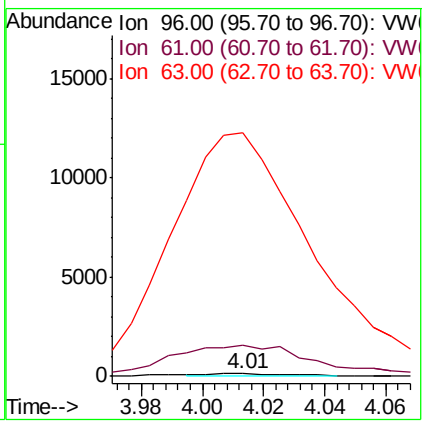


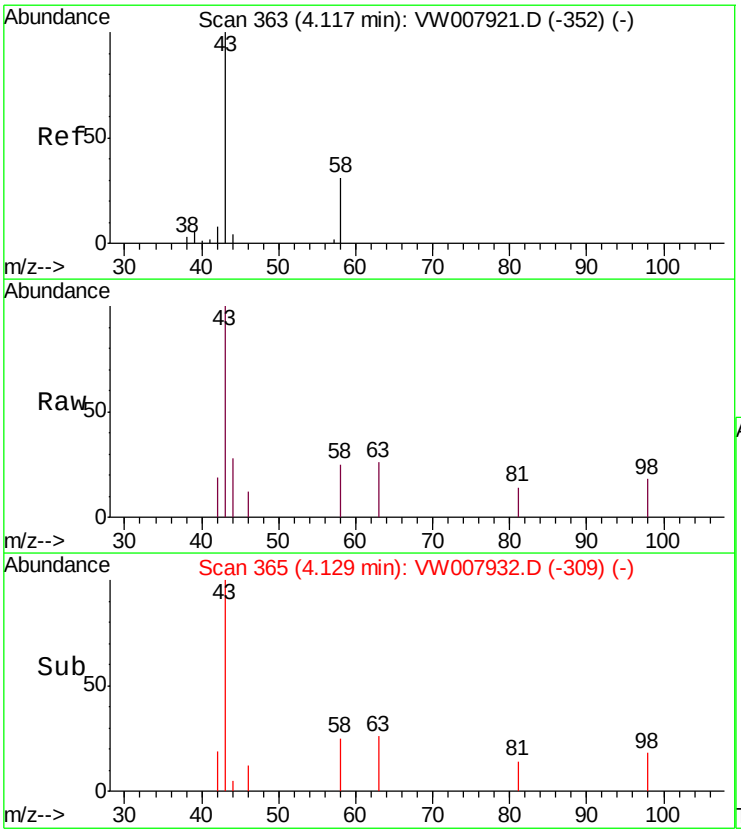
#12
1,1-Dichloroethene
Concen: 0.295 ug/L
RT: 4.01 min Scan# 346
Delta R.T. -0.02 min
Lab File: VW007932.D
Acq: 26 Dec 2018 19:16

Instrument : MSVOA_W
ClientSampleId : F9H09

Tgt Ion: 96 Resp: 265

Ion	Ratio	Lower	Upper
96	100		
61	1130.9	120.3	223.3#
63	8825.2	91.6	170.0#

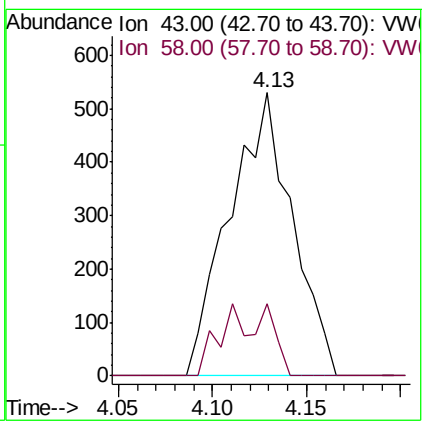


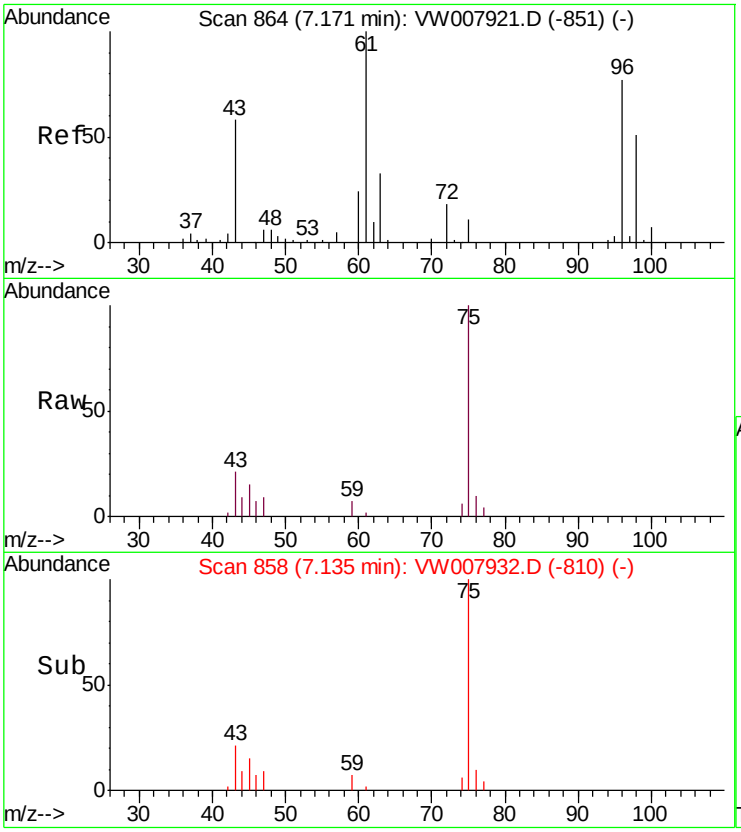


#13
Acetone
Concen: 3.828 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007932.D
Acq: 26 Dec 2018 19:16

Tgt Ion: 43 Resp: 1223

Ion	Ratio	Lower	Upper
43	100		
58	8.3	0.0	58.6



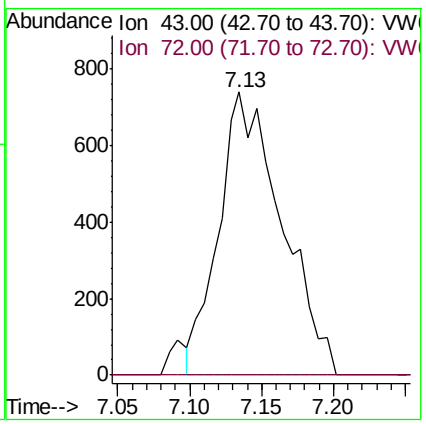


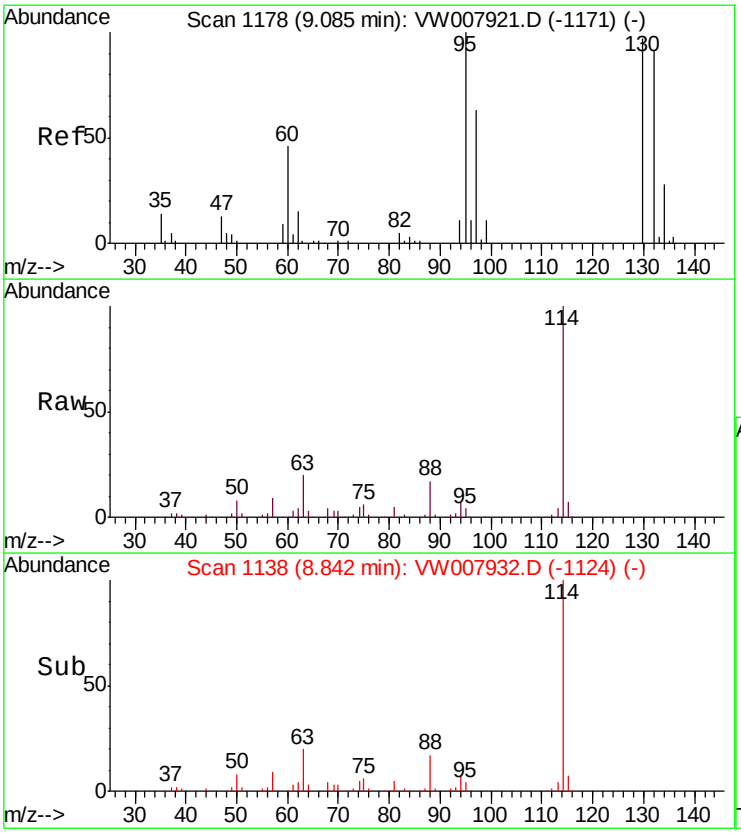
#21
2-Butanone
Concen: 6.214 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW007932.D
Acq: 26 Dec 2018 19:16

Instrument : MSVOA_W
ClientSampleId : F9H09

Tgt Ion: 43 Resp: 2259

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	43.4#

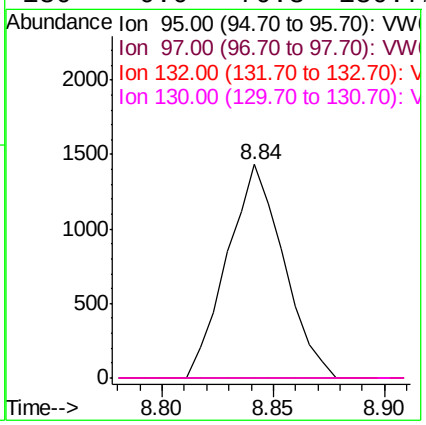


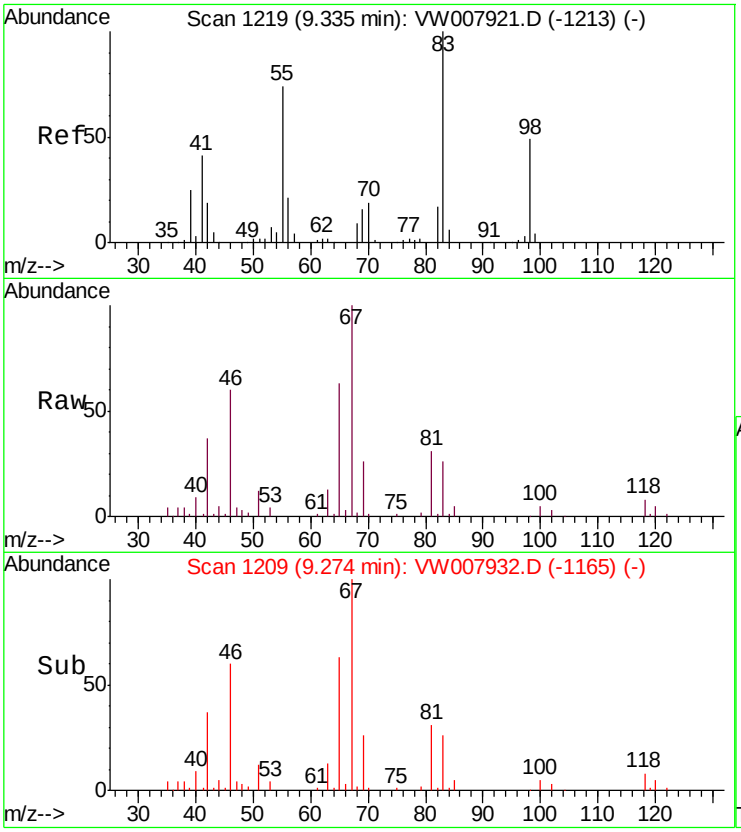


#35
Trichloroethene
Concen: 2.472 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VW007932.D
Acq: 26 Dec 2018 19:16

Tgt Ion: 95 Resp: 2524

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#



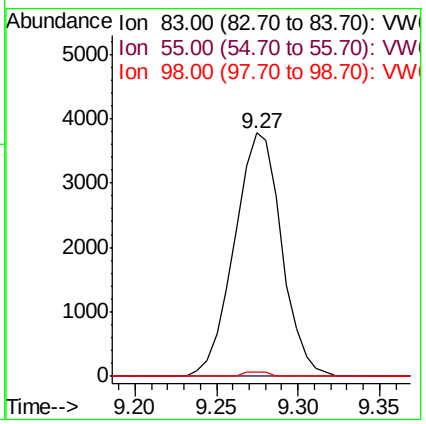


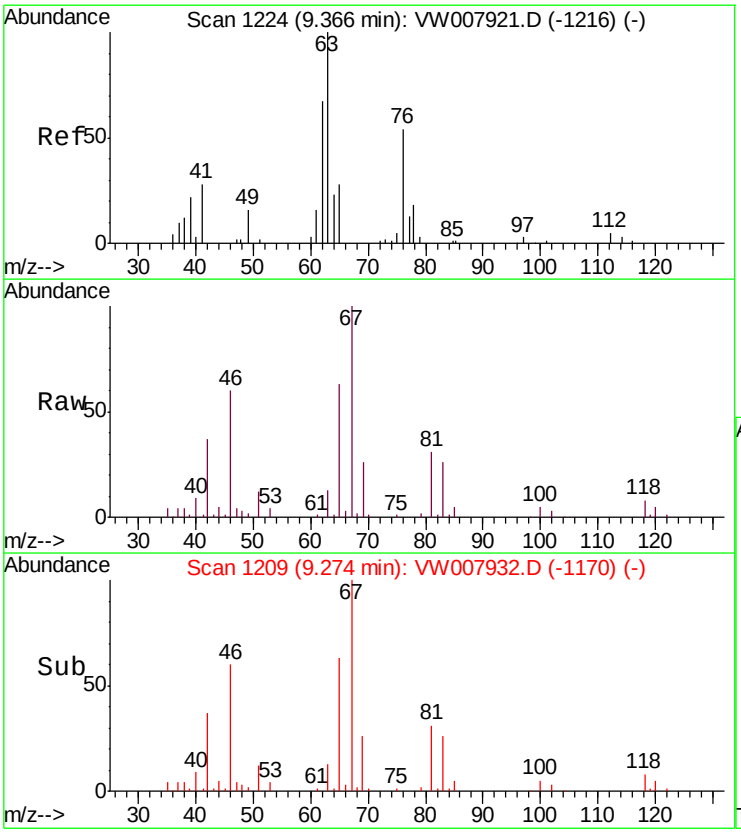
#36
Methylcyclohexane
Concen: 4.334 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007932.D
Acq: 26 Dec 2018 19:16

Instrument : MSVOA_W
ClientSampleId : F9H09

Tgt Ion: 83 Resp: 7590

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	1.0	38.2	57.2#

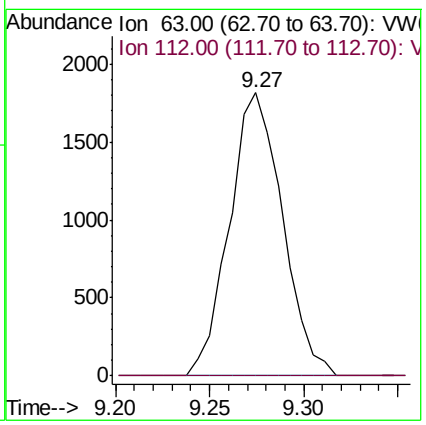


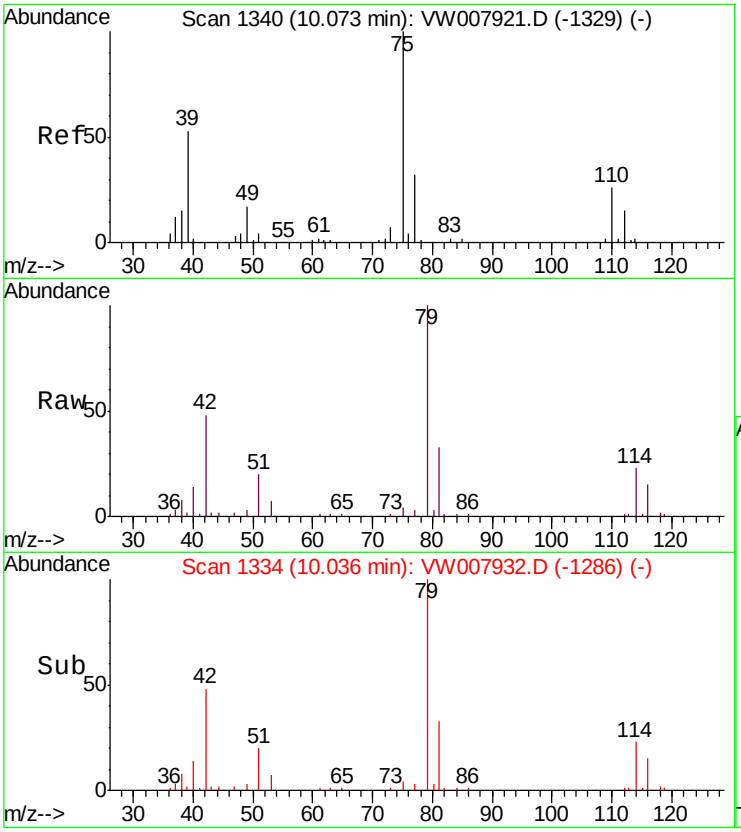


#40
1,2-Dichloropropane
Concen: 4.287 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW007932.D
Acq: 26 Dec 2018 19:16

Tgt Ion: 63 Resp: 3542

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



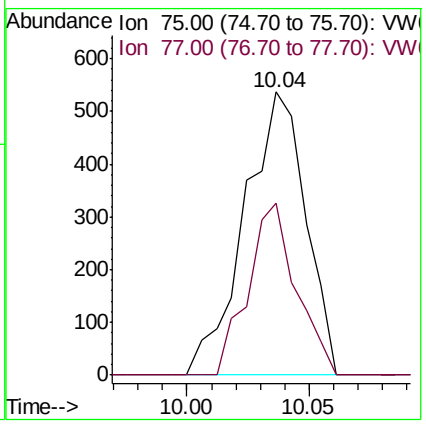


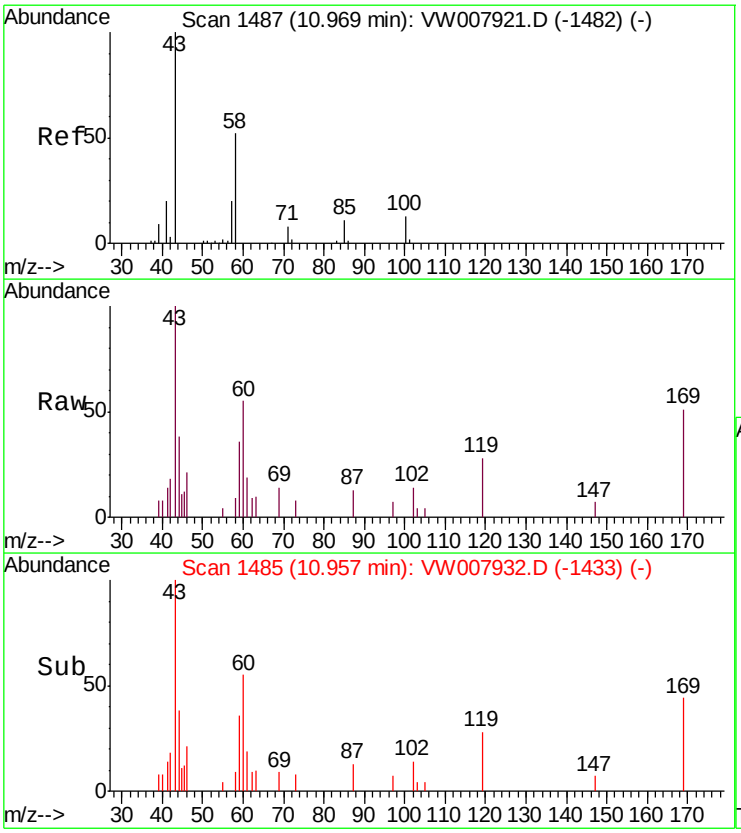
#42
cis-1,3-Dichloropropene
Concen: 0.646 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW007932.D
Acq: 26 Dec 2018 19:16

Instrument :
MSVOA_W
ClientSampleId :
F9H09

Tgt Ion: 75 Resp: 931

Ion	Ratio	Lower	Upper
75	100		
77	60.9	23.0	42.8#





#49
2-Hexanone
Concen: 5.007 ug/L
RT: 10.96 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VW007932.D
Acq: 26 Dec 2018 19:16

Tgt Ion: 43 Resp: 2362

Ion	Ratio	Lower	Upper
43	100		
58	1.0	46.2	69.4#
57	0.9	17.9	26.9#
100	3.3	11.4	17.2#