Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081319\

Quantitation Report (Not Reviewed)

Data File : VW011890.D
Acq On : 13 Aug 2019 12:47
Operator : SY/VA
Sample : K4215-21
Misc : 5.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOC5

Quant Time: Aug 14 04:58:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:55:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	45455	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	29050	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	8854	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	33375	52.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 208.56%#			
7) Chloroethane-d5	2.89	69	30541	66.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 265.00%#			
10) 1,1-Dichloroethene-d2	4.02	63	30476	20.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.08%			
20) 2-Butanone-d5	7.08	46	63743	221.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 442.34%#			
24) Chloroform-d	7.65	84	63187	50.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 202.48%#			
26) 1,2-Dichloroethane-d4	8.31	65	57031	77.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 308.76%#			
29) Benzene-d6	8.27	84	79182	43.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 173.36%#			
33) 1,2-Dichloropropane-d6	9.27	67	38567	65.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 261.60%#			
37) Toluene-d8	10.32	98	33141	20.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.76%			
38) trans-1,3-Dichloropropene-	10.58	79	12458	48.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 192.80%#			
39) 2-Hexanone-d5	10.93	63	20732	150.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 301.02%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32491	66.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 265.36%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	8399	24.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.48%			
Target Compounds						Qvalue
13) Acetone	4.14	43	4331	14.031	ug/L	80
16) Methylene chloride	4.92	84	15698	22.130	ug/L	93
21) 2-Butanone	7.13	43	5858	15.137	ug/L #	55
31) 1,1,1-Trichloroethane	7.87	97	1293	1.827	ug/L #	60
35) Trichloroethene	8.84	95	1432	2.771	ug/L #	6
40) 1,2-Dichloropropane	9.27	63	4479	8.243	ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	832	1.024	ug/L #	59
45) trans-1,3-Dichloropropene	10.58	75	642	0.949	ug/L #	33
69) Naphthalene	15.36	128	717	1.000	ug/L #	90

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

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Quant Time: Aug 14 04:58:27 2019
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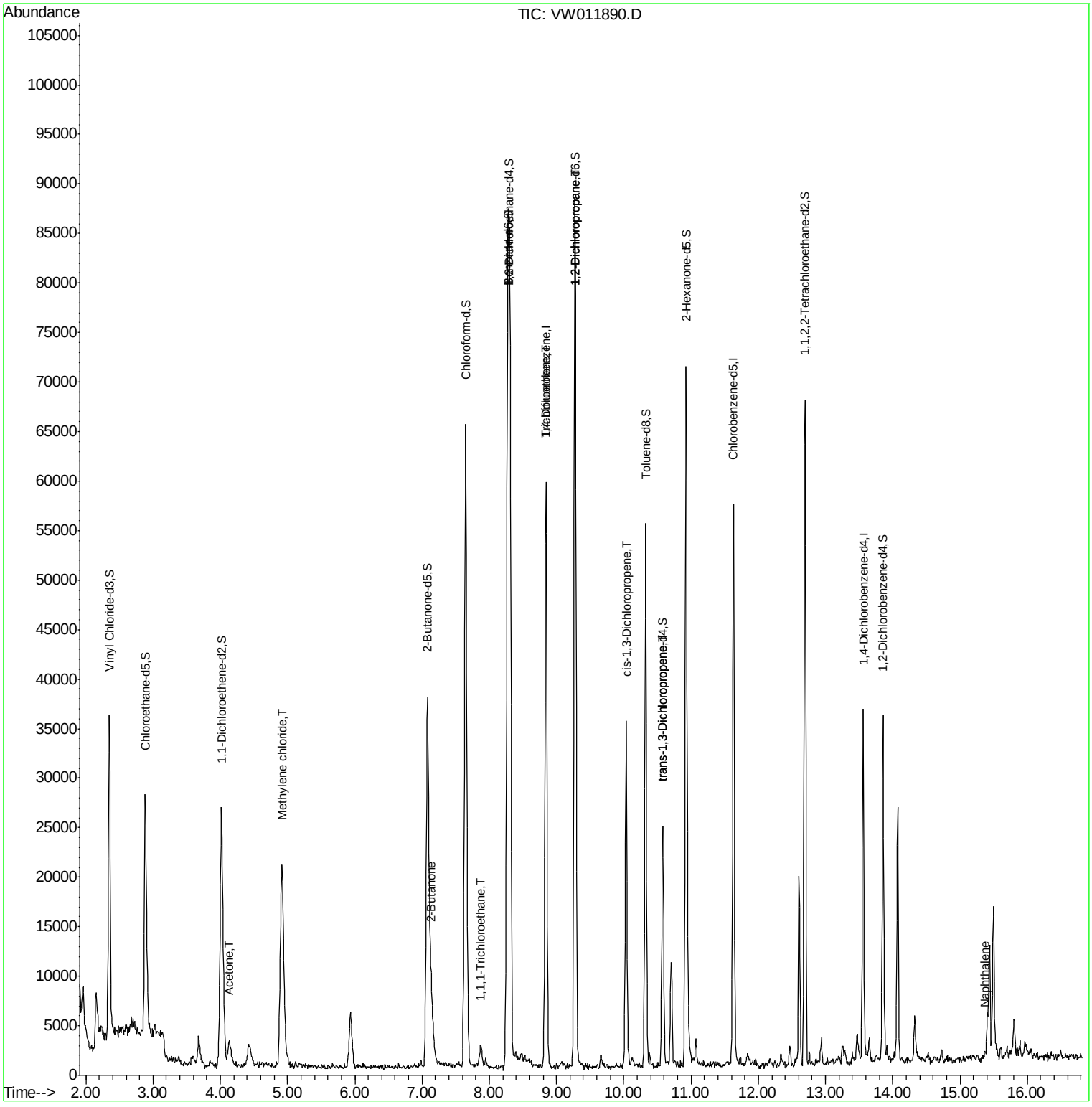
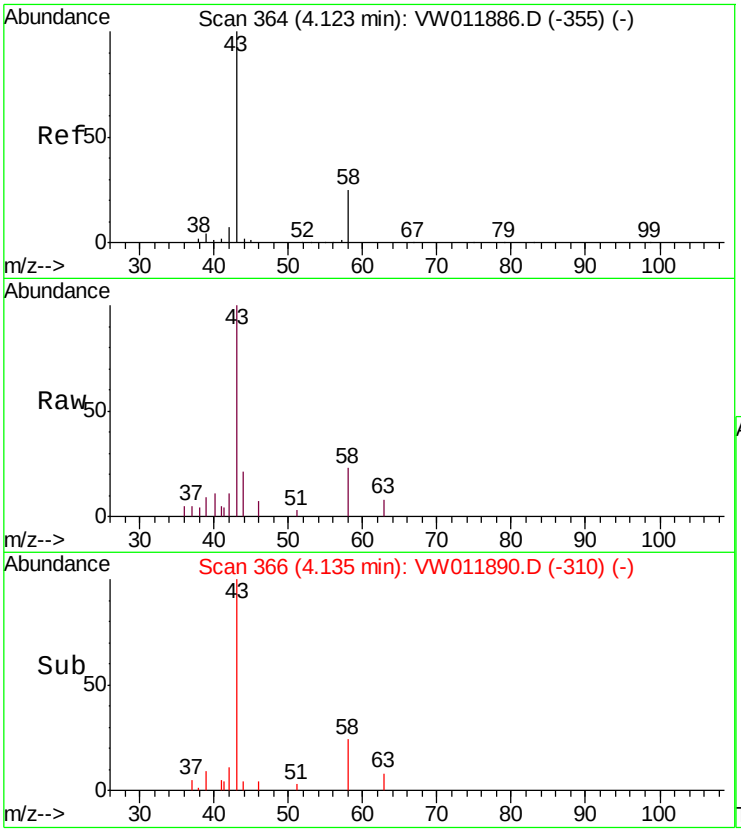
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:55:20 2019
Response via : Initial Calibration



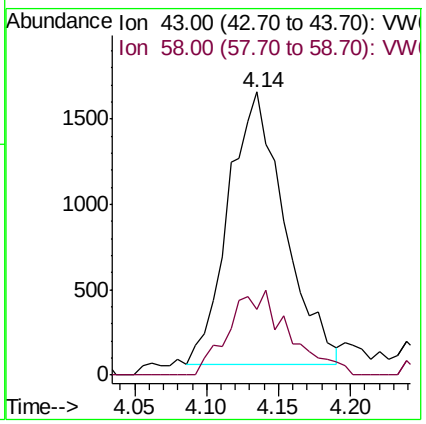


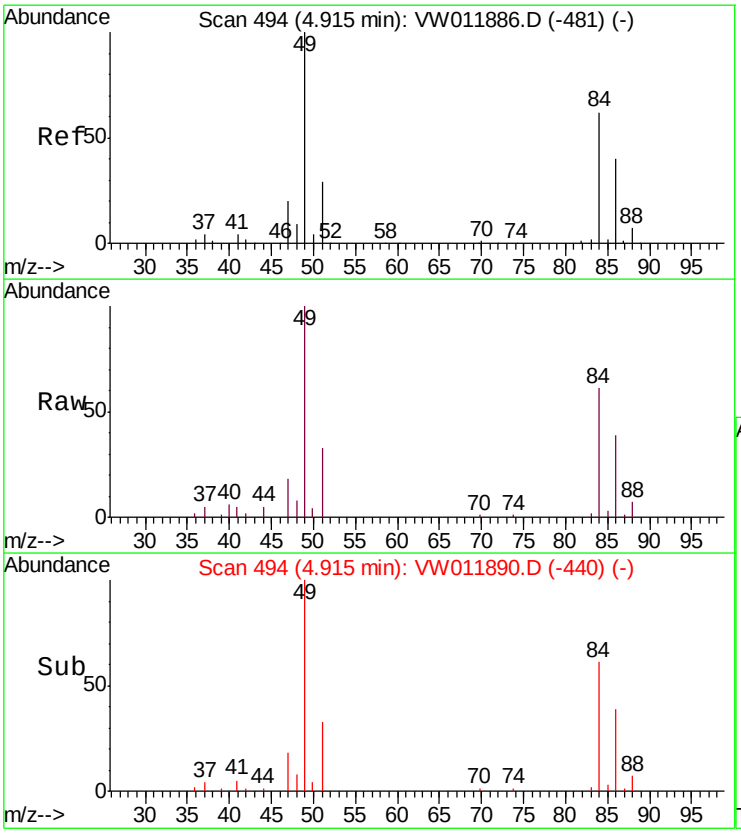
#13
Acetone
Concen: 14.031 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW011890.D
Acq: 13 Aug 2019 12:47

Instrument :
MSVOA_W
ClientSampleId :
ETOC5

Tgt Ion: 43 Resp: 4331

Ion	Ratio	Lower	Upper
43	100		
58	16.5	0.0	53.4

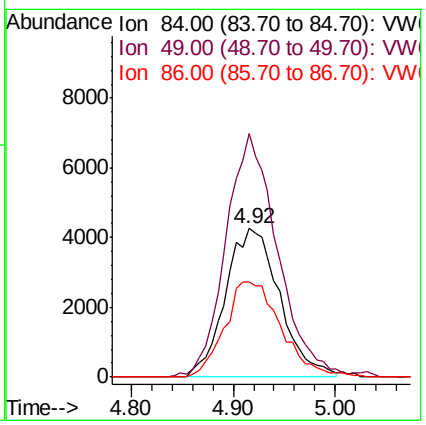


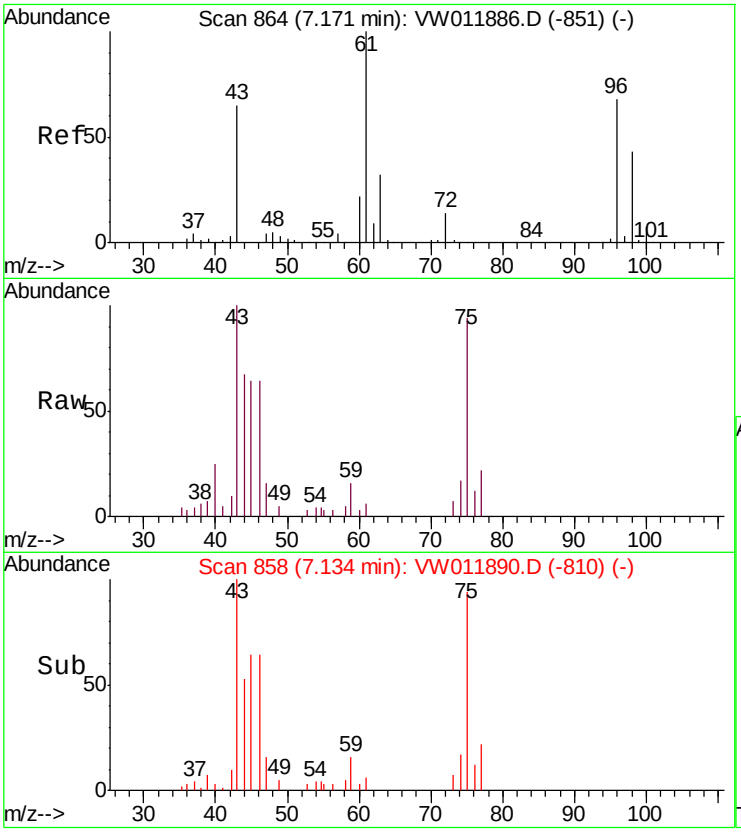


#16
Methylene chloride
Concen: 22.130 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW011890.D
Acq: 13 Aug 2019 12:47

Tgt Ion: 84 Resp: 15698

Ion	Ratio	Lower	Upper
84	100		
49	164.0	106.8	198.4
86	64.1	42.8	79.4



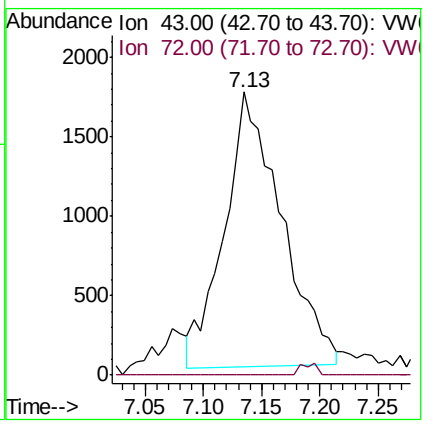


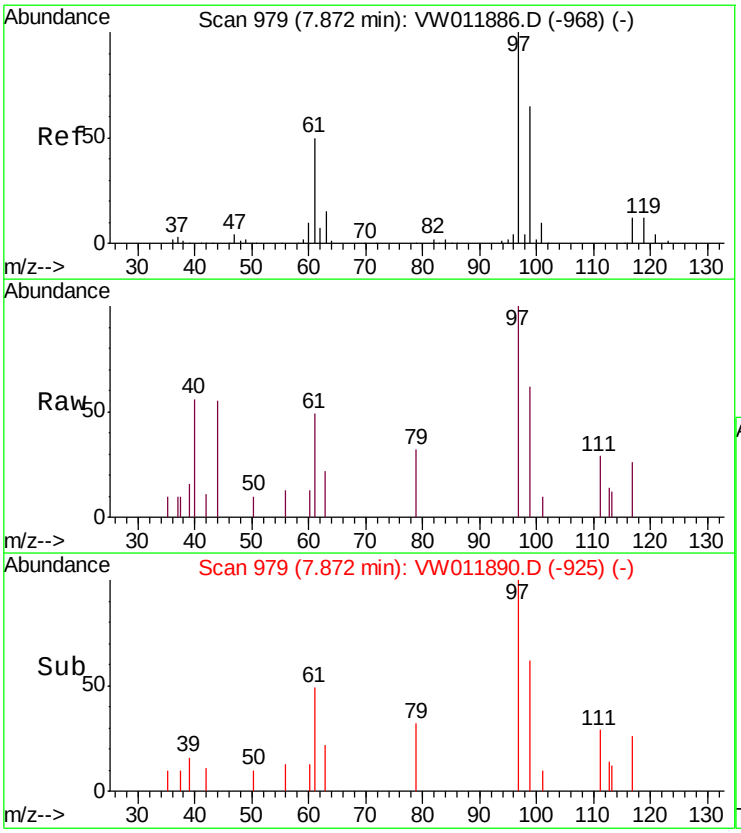
#21
2-Butanone
Concen: 15.137 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW011890.D
Acq: 13 Aug 2019 12:47

Instrument :
MSVOA_W
ClientSampleId :
ETOC5

Tgt Ion: 43 Resp: 5858

Ion	Ratio	Lower	Upper
43	100		
72	0.0	10.7	32.1#

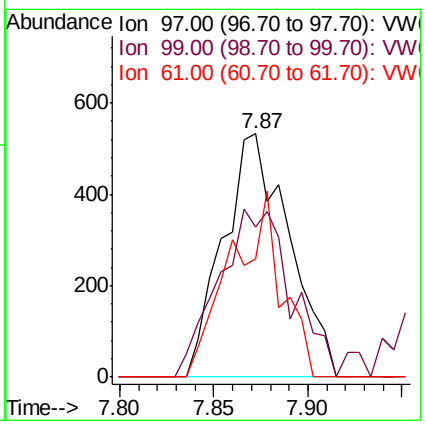


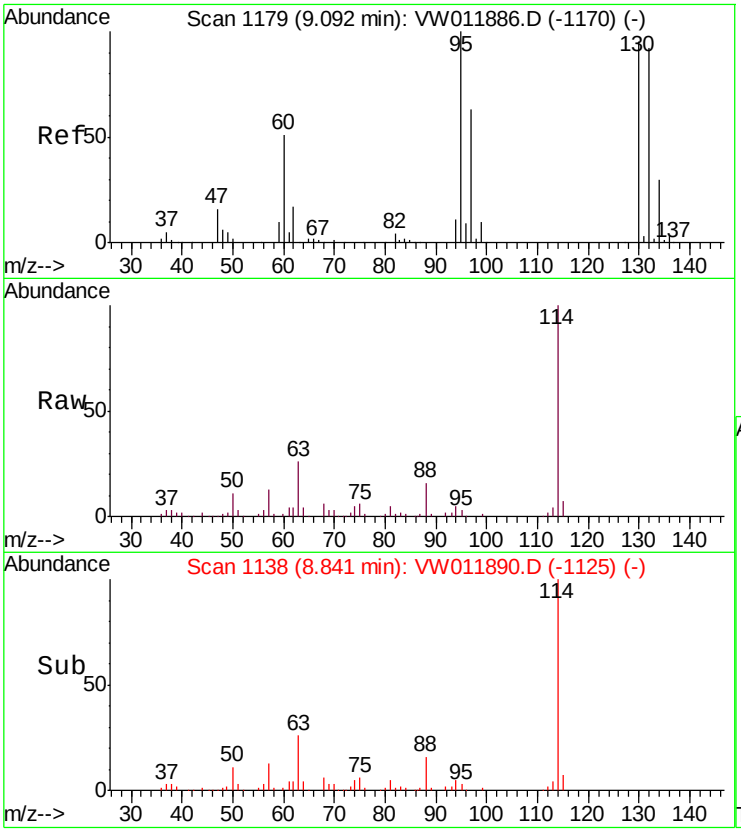


#31
1,1,1-Trichloroethane
Concen: 1.827 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW011890.D
Acq: 13 Aug 2019 12:47

Tgt Ion: 97 Resp: 1293

Ion	Ratio	Lower	Upper
97	100		
99	42.8	52.1	78.1#
61	12.6	40.3	60.5#



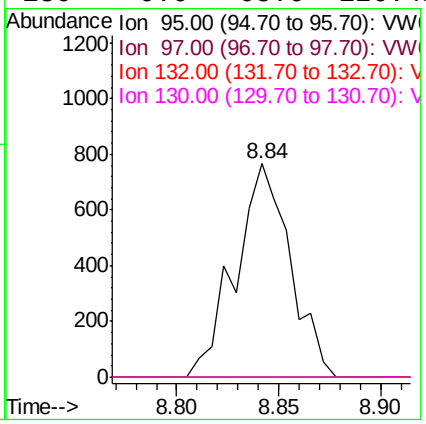


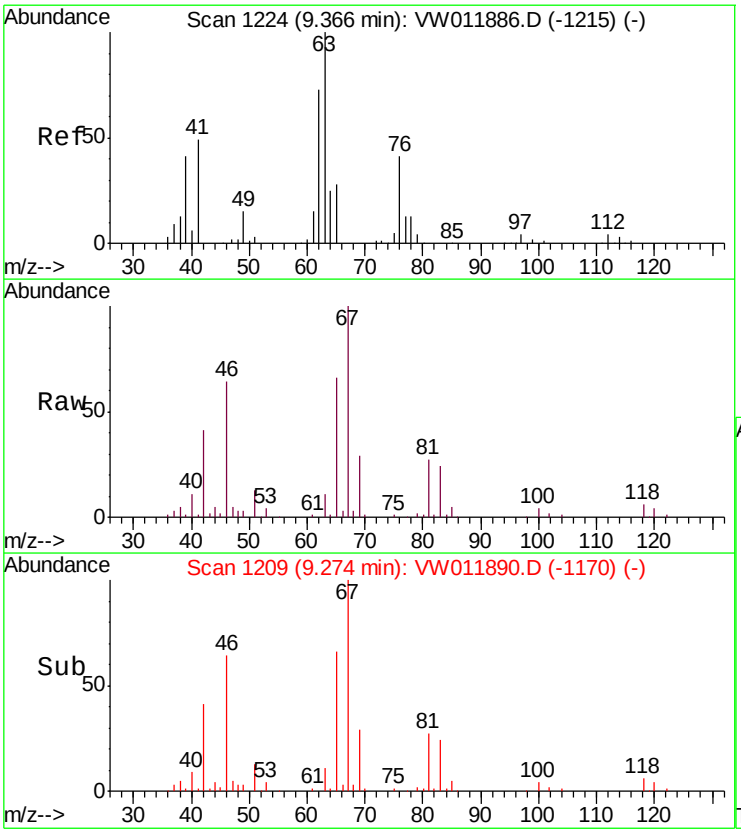
#35
Trichloroethene
Concen: 2.771 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW011890.D
Acq: 13 Aug 2019 12:47

Instrument : MSVOA_W
ClientSampleId : ETOC5

Tgt Ion: 95 Resp: 1432

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.8	83.2#
132	0.0	65.0	120.6#
130	0.0	68.0	126.4#

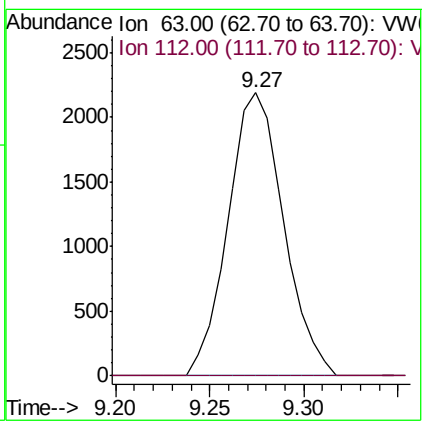


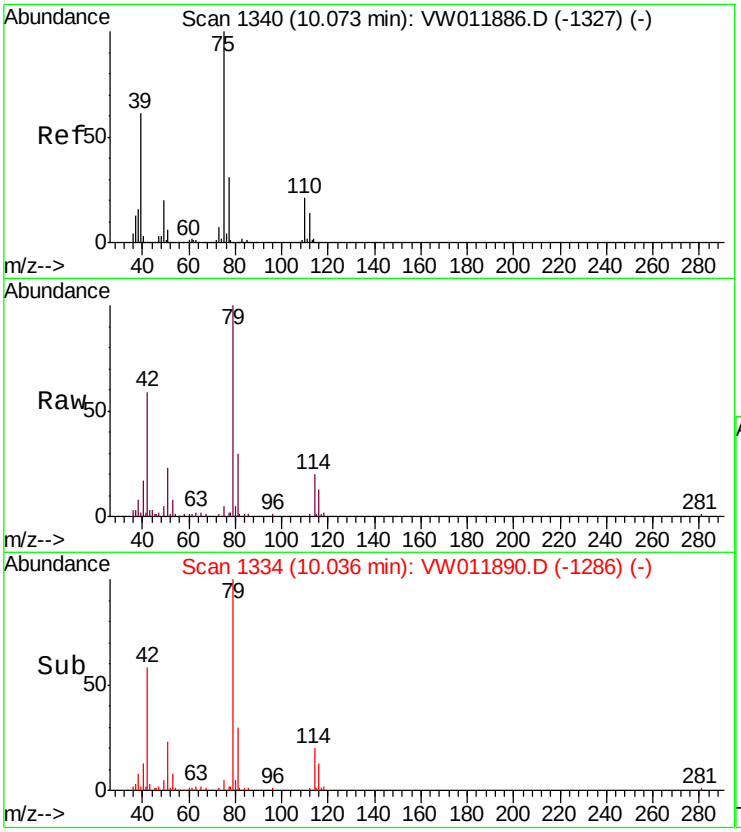


#40
1,2-Dichloropropane
Concen: 8.243 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW011890.D
Acq: 13 Aug 2019 12:47

Tgt Ion: 63 Resp: 4479

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



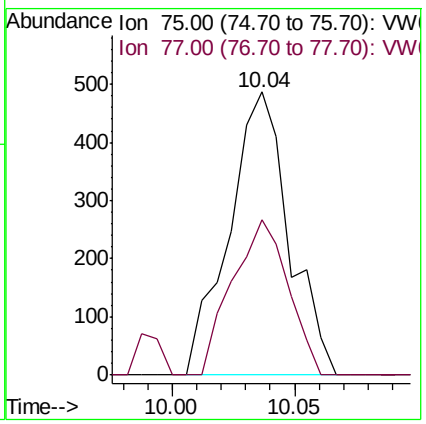


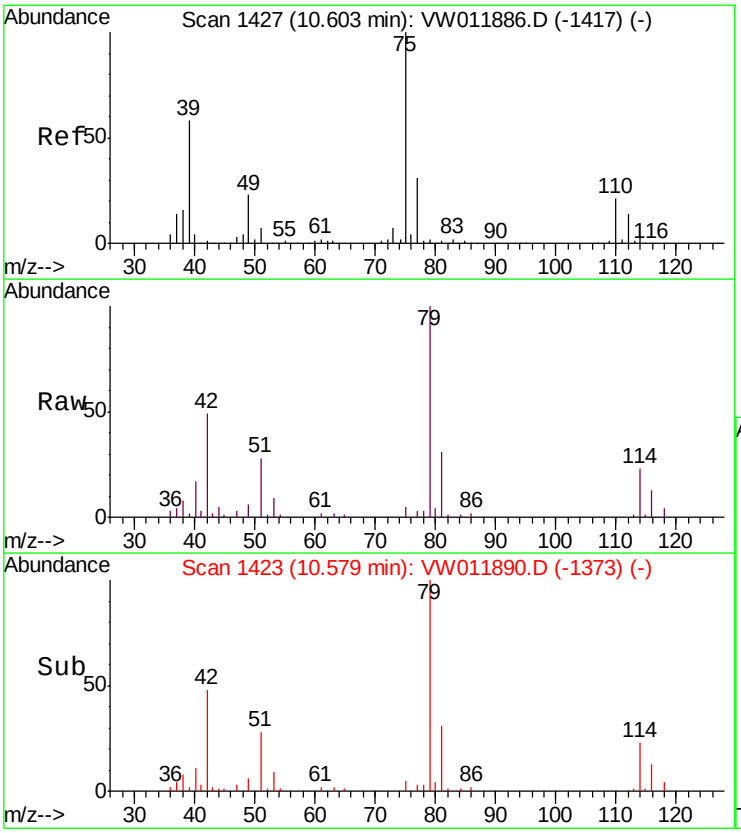
#42
cis-1,3-Dichloropropene
Concen: 1.024 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW011890.D
Acq: 13 Aug 2019 12:47

Instrument :
MSVOA_W
ClientSampleId :
ETOC5

Tgt Ion: 75 Resp: 832

Ion	Ratio	Lower	Upper
75	100		
77	54.6	22.3	41.3#

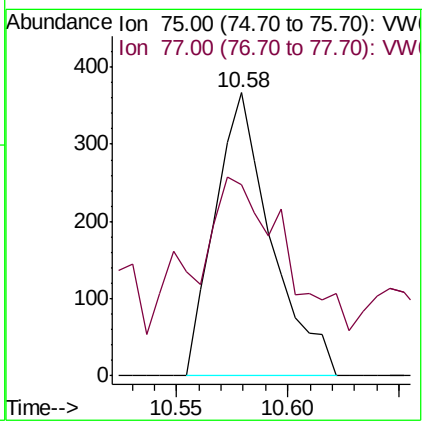


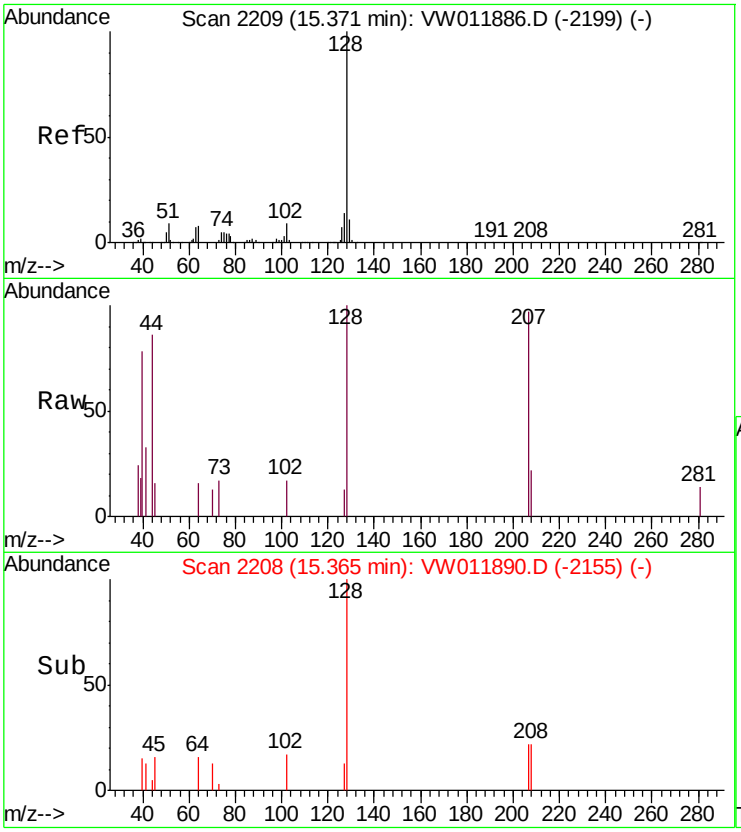


#45
trans-1,3-Dichloropropene
Concen: 0.949 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW011890.D
Acq: 13 Aug 2019 12:47

Tgt Ion: 75 Resp: 642

Ion	Ratio	Lower	Upper
75	100		
77	67.3	21.6	40.0#





#69
Naphthalene
Concen: 1.000 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011890.D
Acq: 13 Aug 2019 12:47

Instrument :
MSVOA_W
ClientSampleId :
ETOC5

Tgt Ion:128 Resp: 717

Ion	Ratio	Lower	Upper
128	100		
129	6.4	8.7	13.1#
127	9.6	10.6	16.0#