Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071719\

Quantitation Report (Not Reviewed)

Data File : VW011323.D
Acq On : 17 Jul 2019 23:12
Operator : SY/VA
Sample : K3863-04
Misc : 6.64G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52G0

Quant Time: Jul 18 06:41:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 06:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	269812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	245158	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	108243	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	48442	11.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 47.04%			
7) Chloroethane-d5	2.88	69	41705	14.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 57.72%			
10) 1,1-Dichloroethene-d2	4.01	63	102047	11.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 46.80%			
20) 2-Butanone-d5	7.07	46	96558	59.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.00%			
24) Chloroform-d	7.65	84	142126	19.22	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.88%			
26) 1,2-Dichloroethane-d4	8.31	65	97190	21.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.36%			
29) Benzene-d6	8.27	84	275530	18.24	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 72.96%			
33) 1,2-Dichloropropane-d6	9.27	67	101333	20.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.40%			
37) Toluene-d8	10.32	98	230248	17.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 68.44%			
38) trans-1,3-Dichloropropene-	10.58	79	38455	18.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.56%			
39) 2-Hexanone-d5	10.92	63	62794	55.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.36%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106532	26.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.76%			
61) 1,2-Dichlorobenzene-d4	13.85	152	84609	20.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.44%			
Target Compounds						Qvalue
5) Vinyl chloride	2.35	62	20018	4.257	ug/L	97
12) 1,1-Dichloroethene	4.03	96	12321	3.475	ug/L #	1
13) Acetone	4.12	43	22682	14.309	ug/L	98
14) Carbon disulfide	4.37	76	26382	2.601	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	7607	2.123	ug/L	91
22) cis-1,2-Dichloroethene	7.17	96	3471624	895.122	ug/L	99
35) Trichloroethene	9.09	95	330535	85.486	ug/L	100
36) Methylcyclohexane	9.27	83	23221	3.337	ug/L #	14
59) 1,2,3-Trichloropropane	13.56	75	15196	5.116	ug/L	95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071719\

Quantitation Report (Not Reviewed)

Data File : VW011323.D
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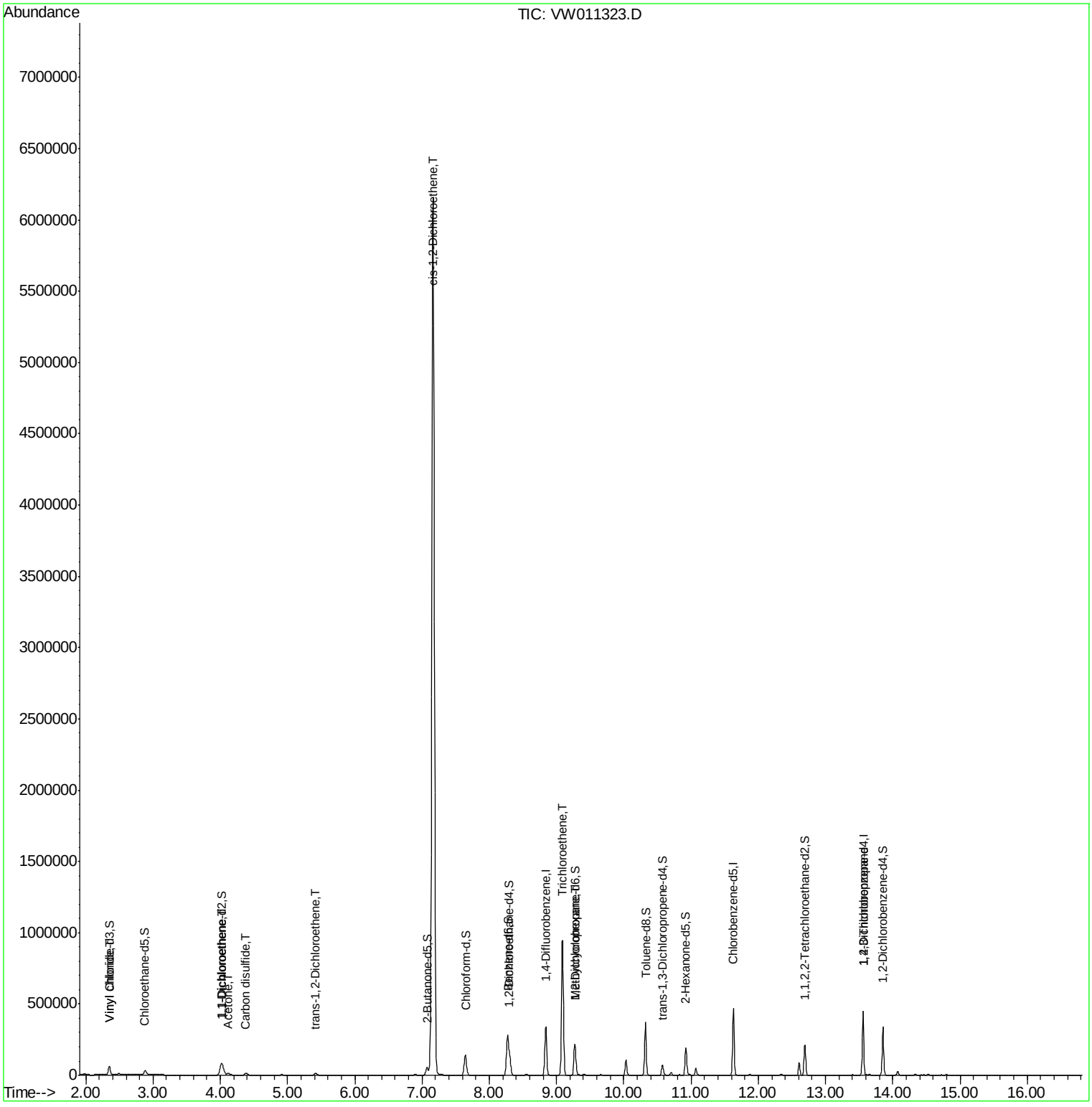
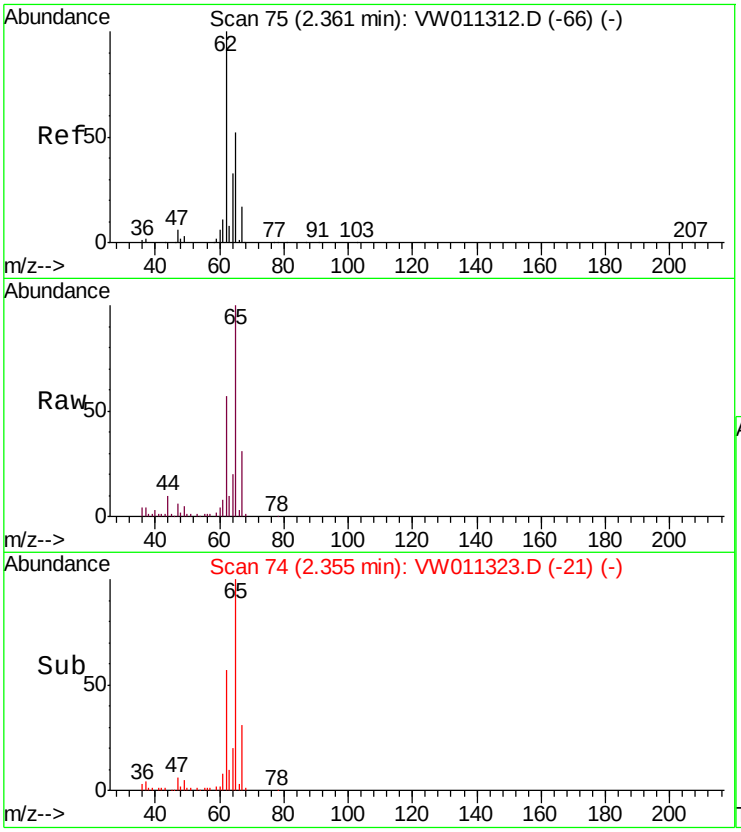
Operator : SY/VA
Sample : K3863-04
Misc : 6.64G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52G0

Quant Time: Jul 18 06:41:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 06:37:55 2019
Response via : Initial Calibration



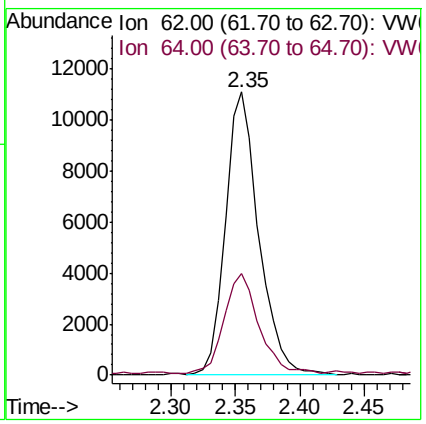


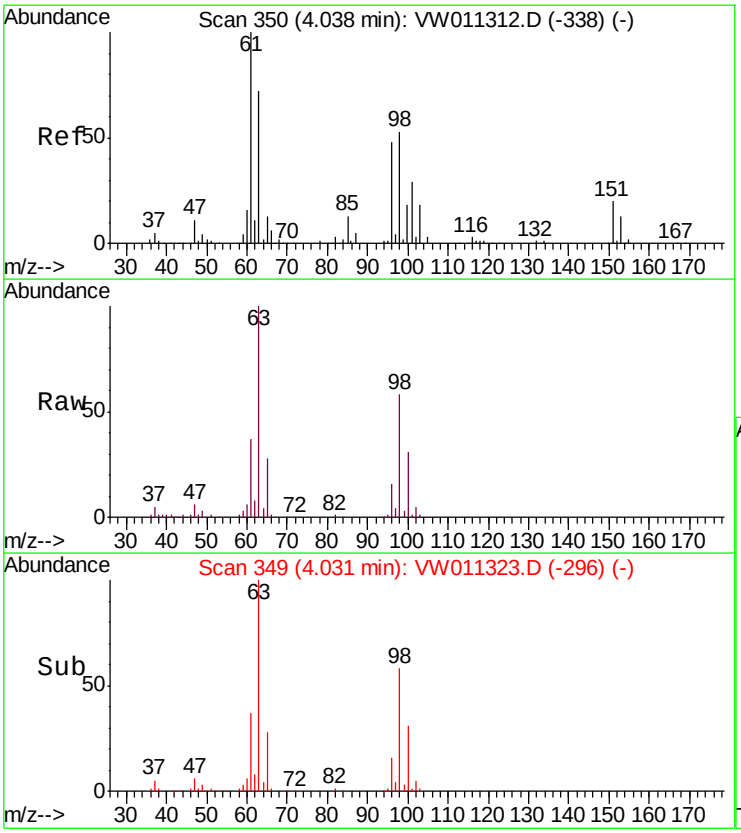
#5
Vinyl chloride
Concen: 4.257 ug/L
RT: 2.35 min Scan# 74
Delta R.T. -0.01 min
Lab File: VW011323.D
Acq: 17 Jul 2019 23:12

Instrument : MSVOA_W
ClientSampleId : A52G0

Tgt Ion: 62 Resp: 20018

Ion	Ratio	Lower	Upper
62	100		
64	35.8	23.9	44.3

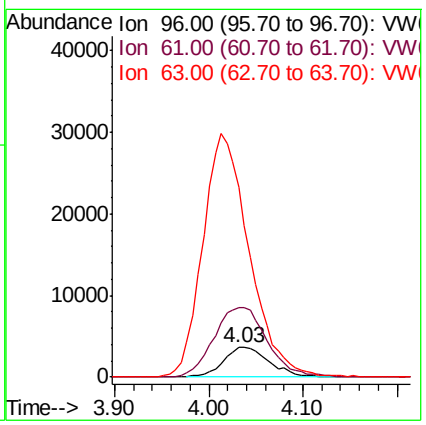


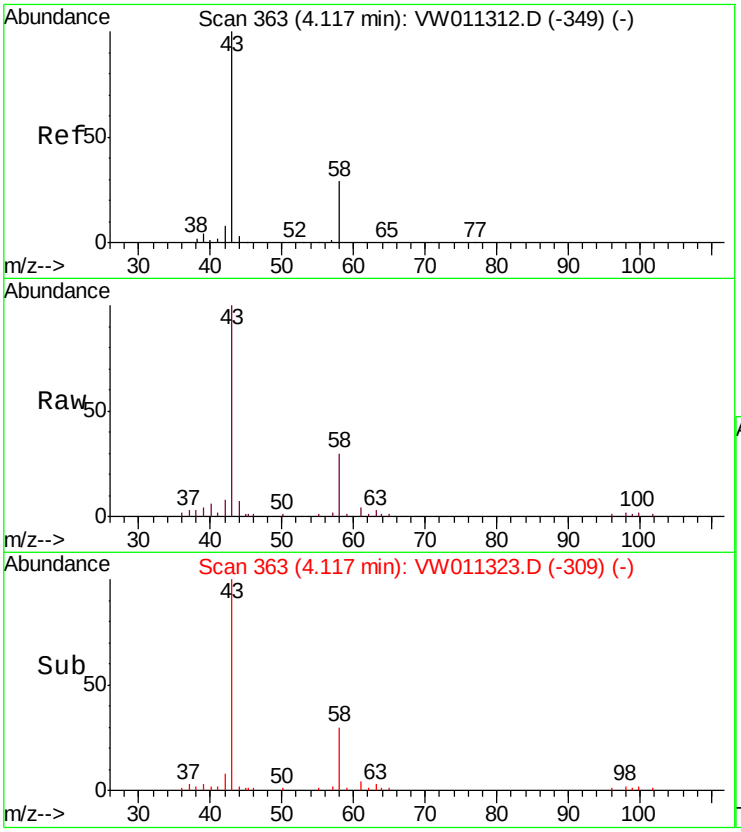


#12
1,1-Dichloroethene
Concen: 3.475 ug/L
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW011323.D
Acq: 17 Jul 2019 23:12

Tgt Ion: 96 Resp: 12321

Ion	Ratio	Lower	Upper
96	100		
61	236.2	142.2	264.0
63	639.7	138.9	257.9#



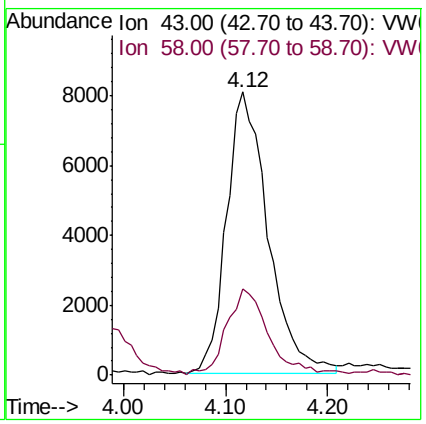


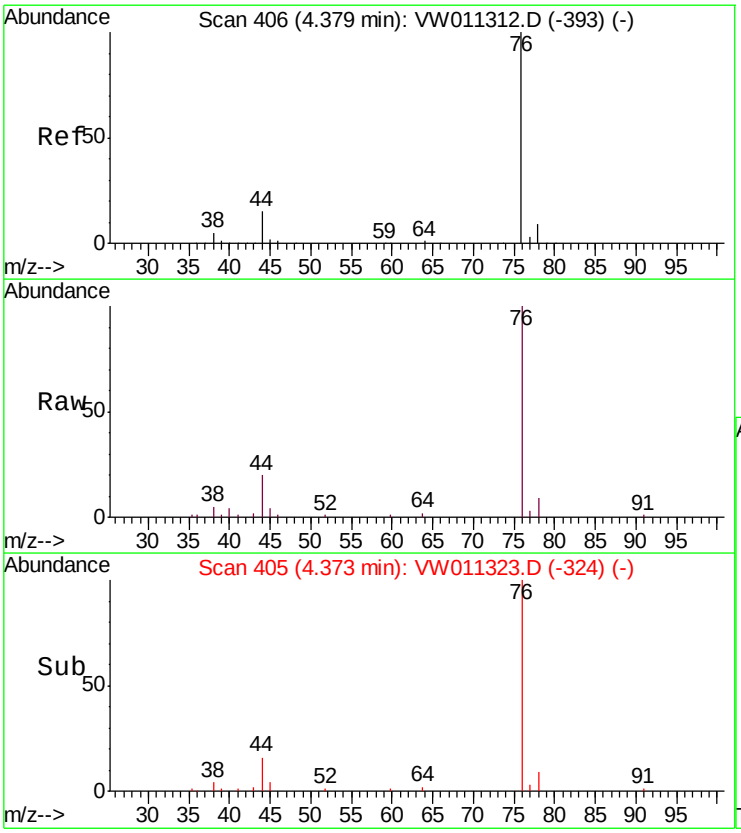
#13
Acetone
Concen: 14.309 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW011323.D
Acq: 17 Jul 2019 23:12

Instrument : MSVOA_W
ClientSampleId : A52G0

Tgt Ion: 43 Resp: 22682

Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	55.0

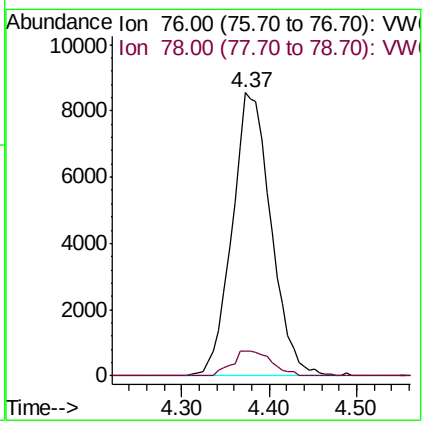


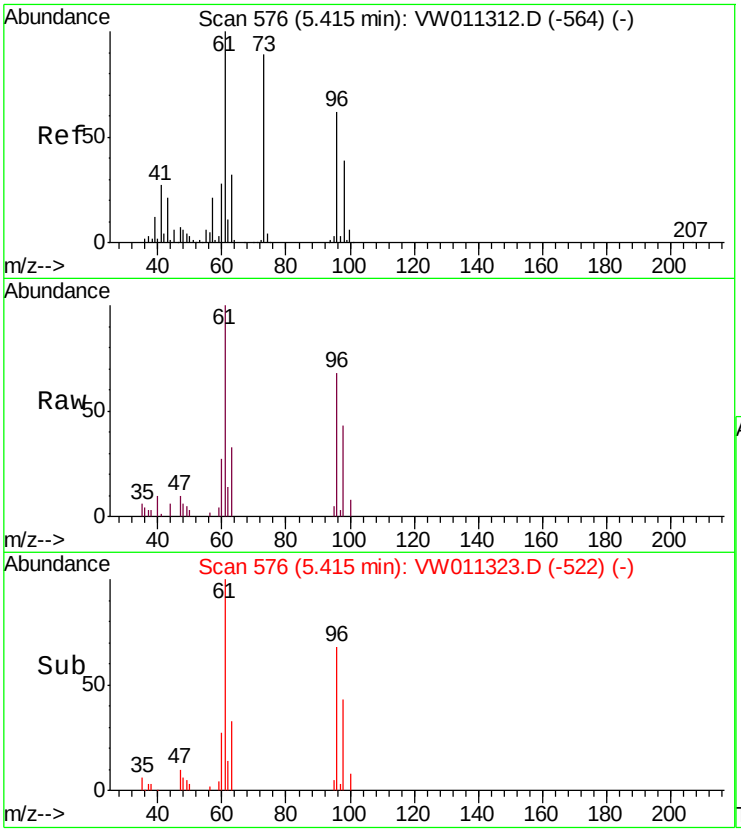


#14
Carbon disulfide
Concen: 2.601 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW011323.D
Acq: 17 Jul 2019 23:12

Tgt Ion: 76 Resp: 26382

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9



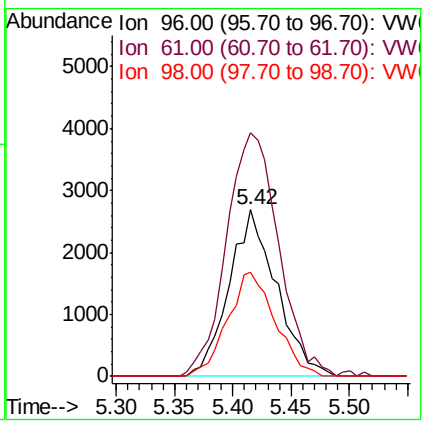


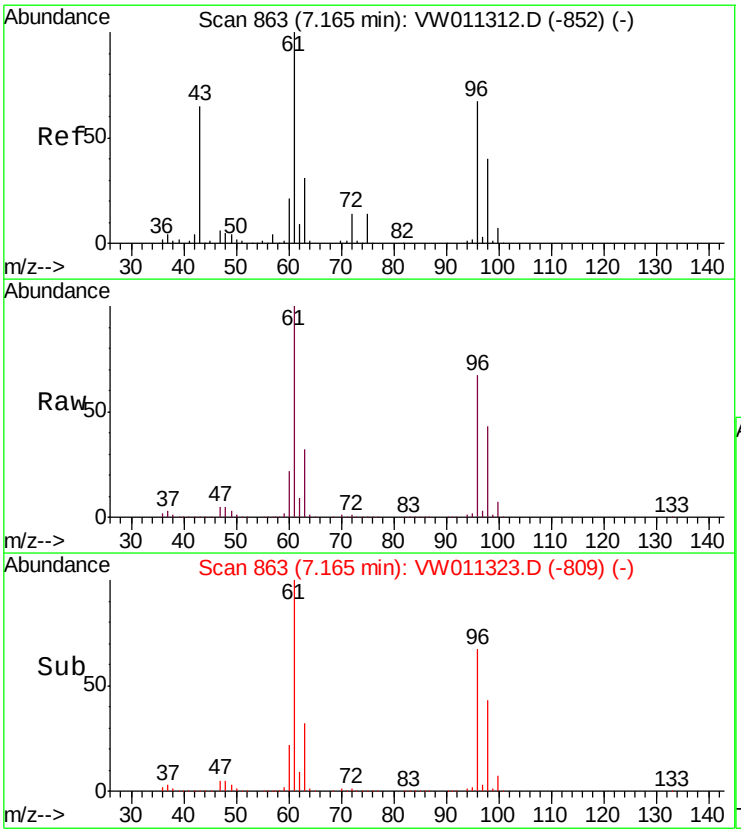
#18
trans-1,2-Dichloroethene
Concen: 2.123 ug/L
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW011323.D
Acq: 17 Jul 2019 23:12

Instrument :
MSVOA_W
ClientSampleId :
A52G0

Tgt Ion: 96 Resp: 7607

Ion	Ratio	Lower	Upper
96	100		
61	146.2	113.7	211.1
98	62.4	43.3	80.3

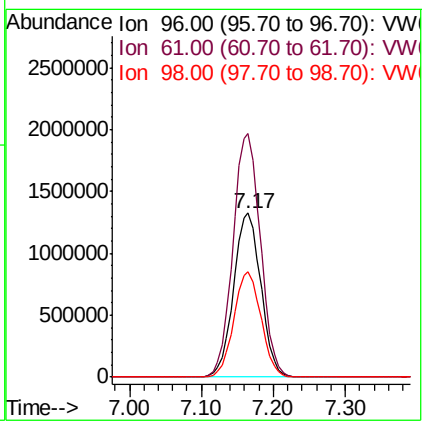


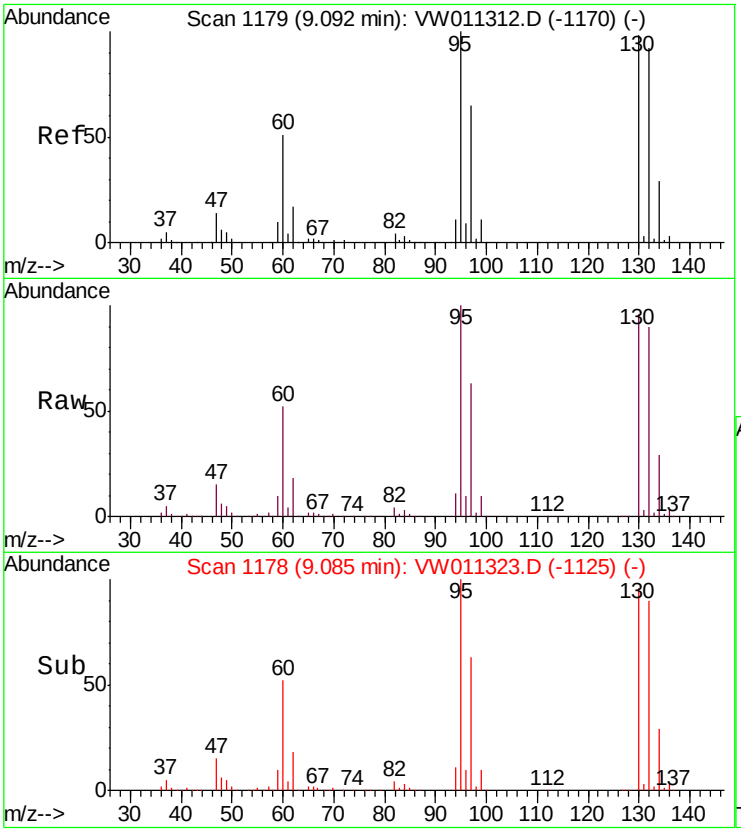


#22
cis-1,2-Dichloroethene
Concen: 895.122 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011323.D
Acq: 17 Jul 2019 23:12

Tgt Ion: 96 Resp: 3471624

Ion	Ratio	Lower	Upper
96	100		
61	148.3	103.2	191.6
98	63.8	44.8	83.2



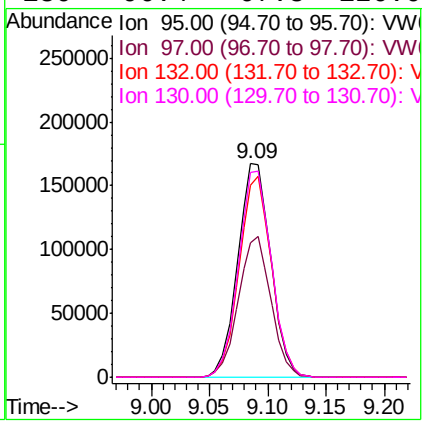


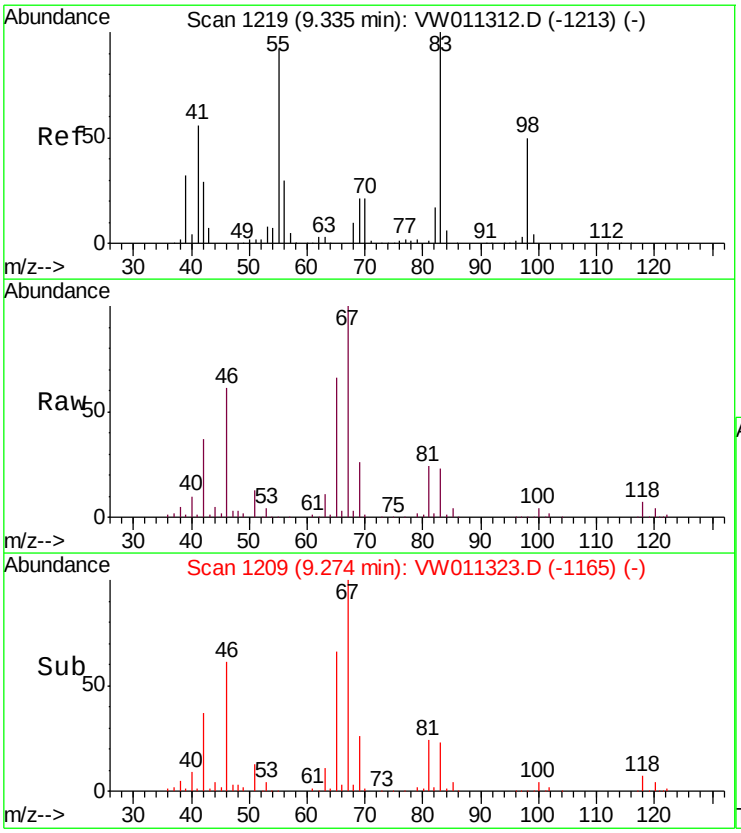
#35
Trichloroethene
Concen: 85.486 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW011323.D
Acq: 17 Jul 2019 23:12

Instrument :
MSVOA_W
ClientSampleId :
A52G0

Tgt Ion: 95 Resp: 330535

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.4	84.2
132	92.3	65.0	120.8
130	96.4	67.8	126.0

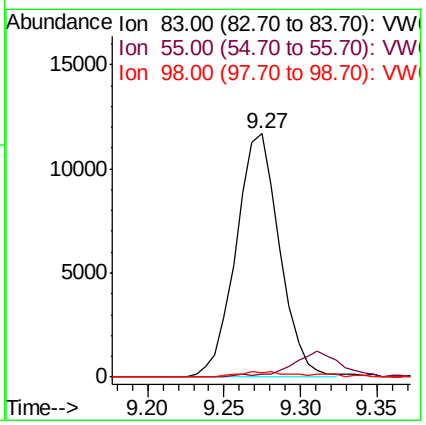


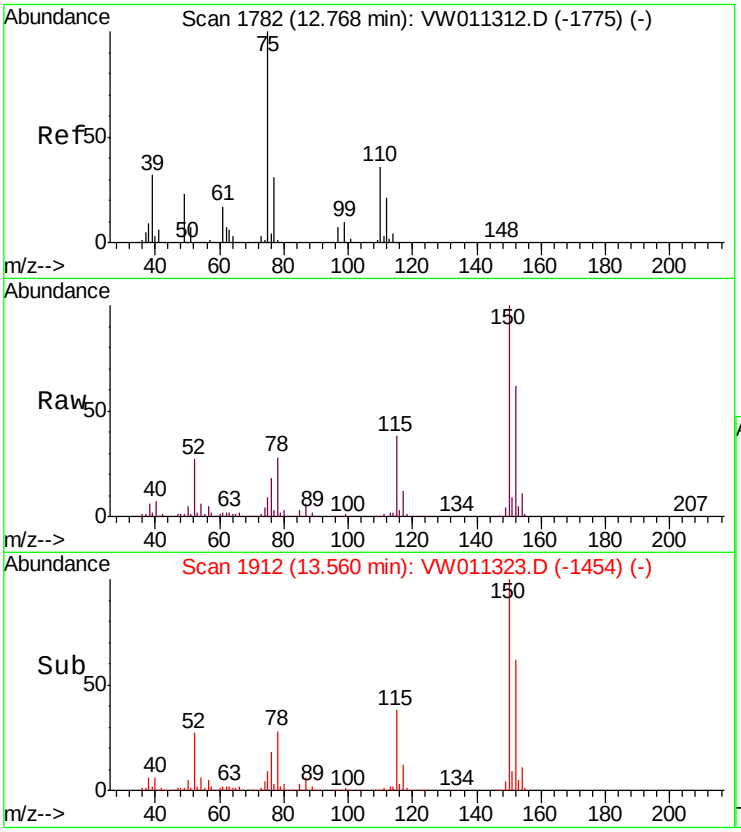


#36
Methylcyclohexane
Concen: 3.337 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW011323.D
Acq: 17 Jul 2019 23:12

Tgt Ion: 83 Resp: 23221

Ion	Ratio	Lower	Upper
83	100		
55	0.5	72.2	108.4#
98	2.1	38.2	57.4#





#59
1,2,3-Trichloropropane
Concen: 5.116 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW011323.D
Acq: 17 Jul 2019 23:12

Instrument :
MSVOA_W
ClientSampleId :
A52G0

Tgt Ion: 75 Resp: 15196

Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.4	38.0