Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100920\

Quantitation Report (Not Reviewed)

Data File : VW016854.D
Acq On : 08 Oct 2020 15:24
Operator : SY/VA
Sample : L4284-11RE
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3W5

Quant Time: Oct 09 08:10:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:39:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	584877	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	490076	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	204693	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	159069	27.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.28%			
7) Chloroethane-d5	2.90	69	130726	27.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.04%			
10) 1,1-Dichloroethene-d2	4.03	63	229916	18.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.08%			
20) 2-Butanone-d5	7.09	46	48476	37.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.18%			
24) Chloroform-d	7.65	84	312474	25.32	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.28%			
26) 1,2-Dichloroethane-d4	8.31	65	144304	24.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.84%			
29) Benzene-d6	8.28	84	630386	28.32	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 113.28%			
33) 1,2-Dichloropropane-d6	9.28	67	168824	28.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.88%			
37) Toluene-d8	10.33	98	598048	28.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.92%			
38) trans-1,3-Dichloropropene-	10.58	79	61747	23.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.64%			
39) 2-Hexanone-d5	10.93	63	40770	44.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.14%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106929	22.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.52%			
61) 1,2-Dichlorobenzene-d4	13.85	152	176502	27.19	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.76%			

Target Compounds						Qvalue
5) Vinyl chloride	2.37	62	2256	0.282	ug/L #	1
12) 1,1-Dichloroethene	4.04	96	3200	0.423	ug/L #	1
13) Acetone	4.14	43	7994	8.083	ug/L	63
16) Methylene chloride	4.92	84	9932	1.230	ug/L	90
22) cis-1,2-Dichloroethene	7.18	96	4746	0.589	ug/L	97
35) Trichloroethene	9.10	95	166666	22.388	ug/L	99
36) Methylcyclohexane	9.28	83	44633	3.566	ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4782	0.504	ug/L #	66
45) trans-1,3-Dichloropropene	10.58	75	2751	0.345	ug/L #	76
46) 1,1,2-Trichloroethane	10.86	97	11389	2.354	ug/L #	6
47) Tetrachloroethene	10.87	164	1461008	211.690	ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	21173	5.467	ug/L	94

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

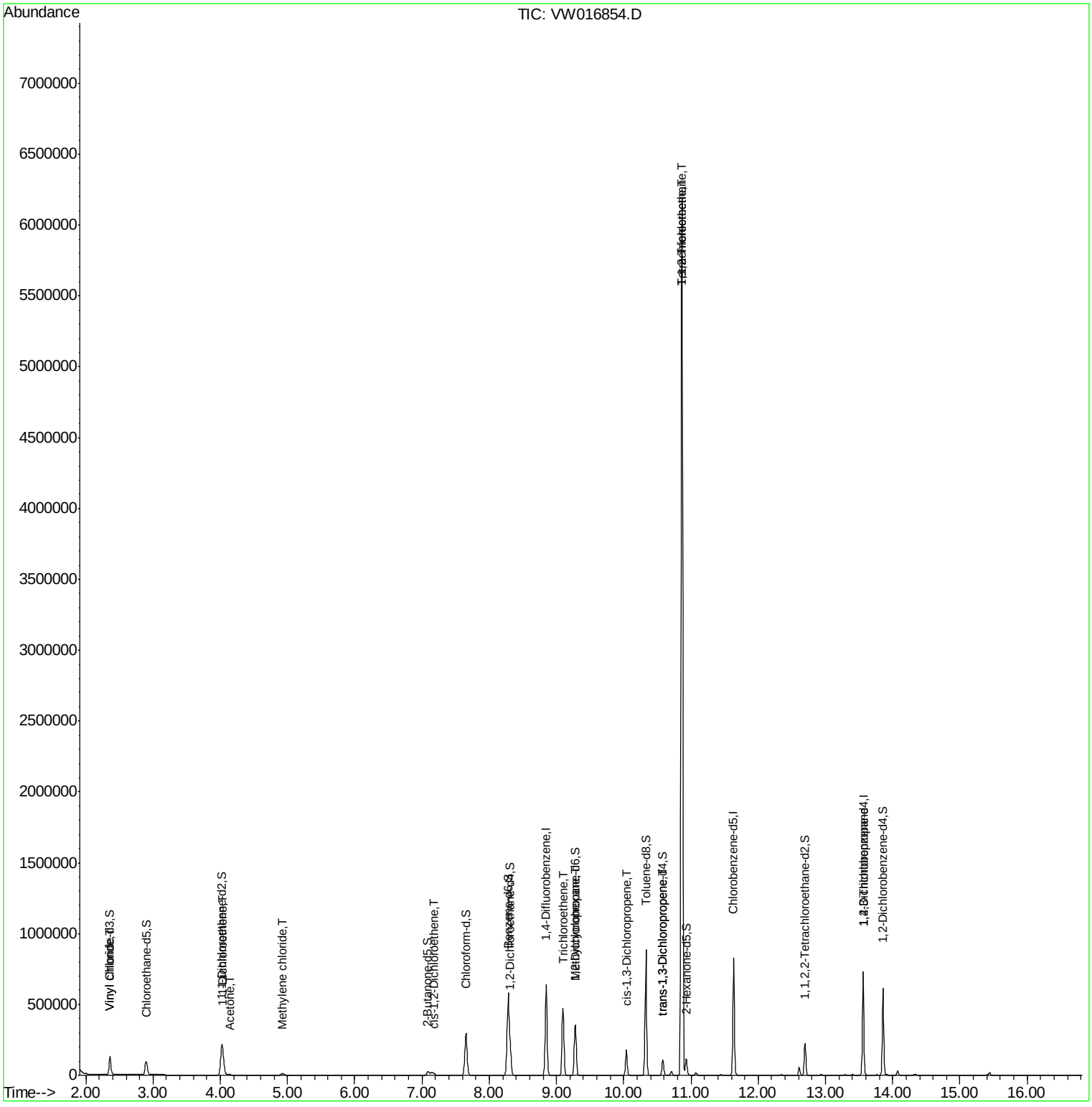
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100920\

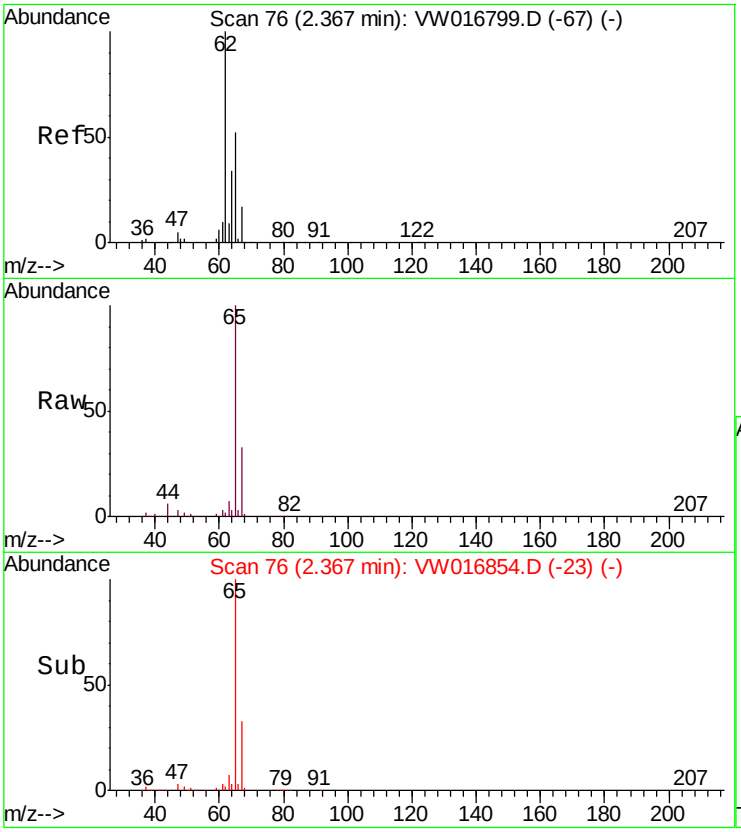
Quantitation Report (Not Reviewed)

Data File : VW016854.D
Acq On : 08 Oct 2020 15:24
Operator : SY/VA
Sample : L4284-11RE
Misc : 5.42G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W5

Quant Time: Oct 09 08:10:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:39:44 2020
Response via : Initial Calibration



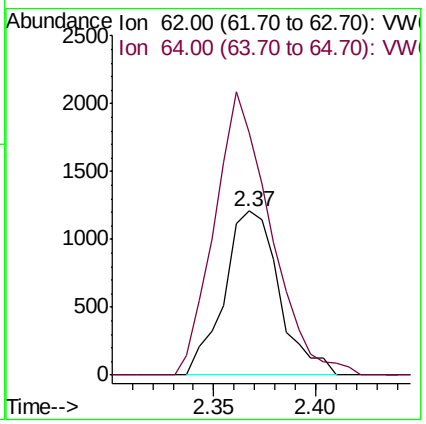


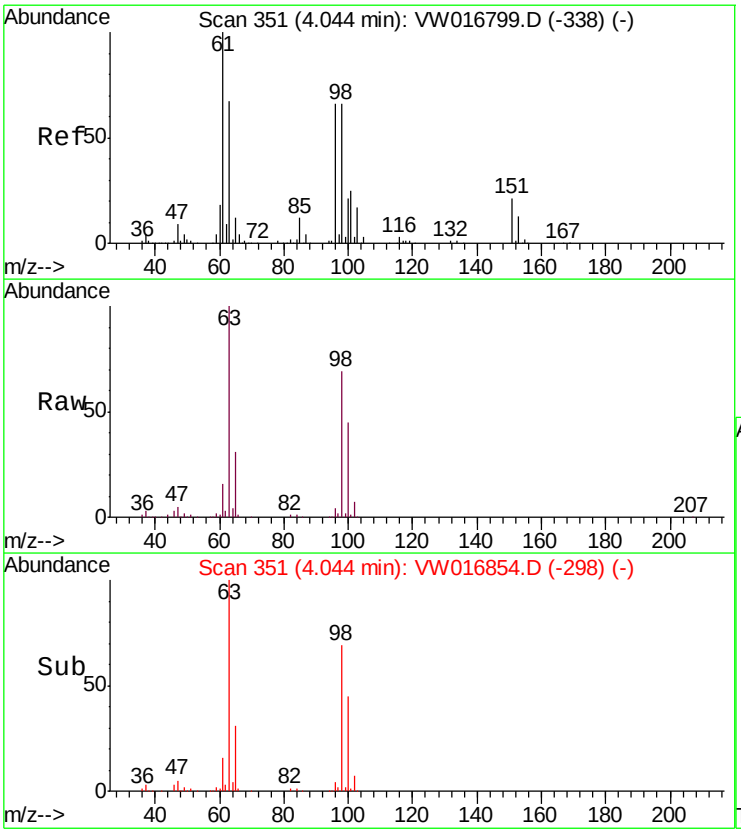
#5
Vinyl chloride
Concen: 0.282 ug/L
RT: 2.37 min Scan# 76
Delta R.T. -0.01 min
Lab File: VW016854.D
Acq: 08 Oct 2020 15:24

Instrument :
MSVOA_W
ClientSampleId :
BG3W5

Tgt Ion: 62 Resp: 2256

Ion	Ratio	Lower	Upper
62	100		
64	147.9	23.5	43.7#

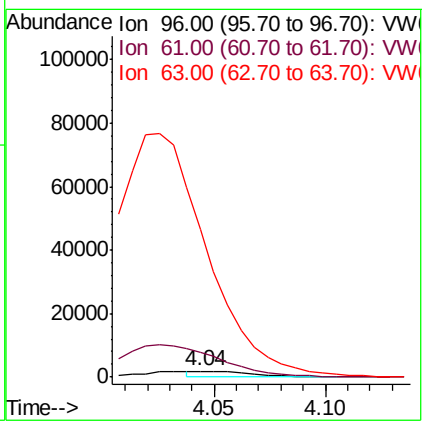


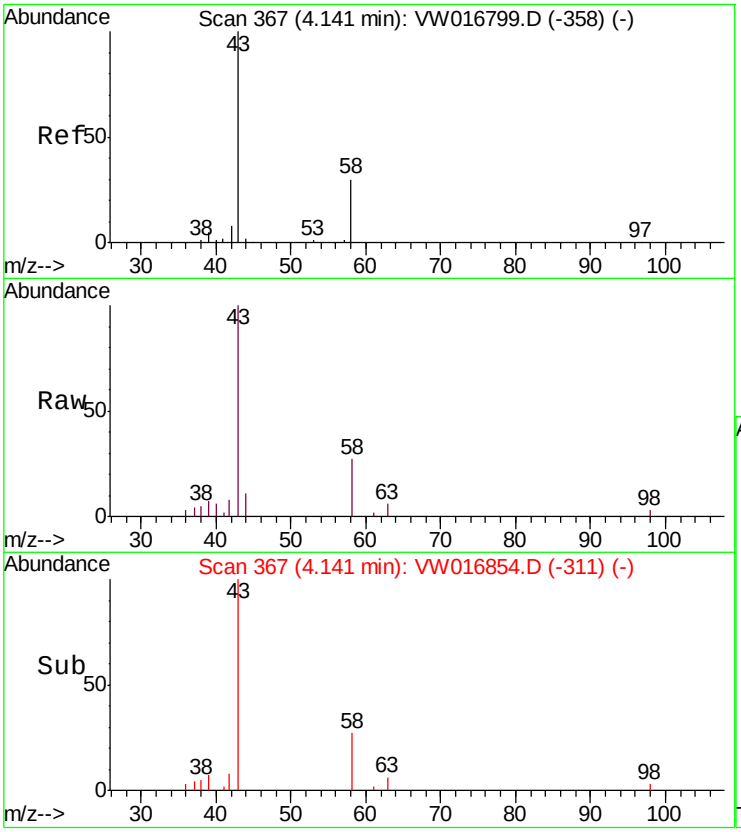


#12
1,1-Dichloroethene
Concen: 0.423 ug/L
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW016854.D
Acq: 08 Oct 2020 15:24

Tgt Ion: 96 Resp: 3200

Ion	Ratio	Lower	Upper
96	100		
61	392.5	105.1	195.1#
63	2395.1	69.9	129.7#



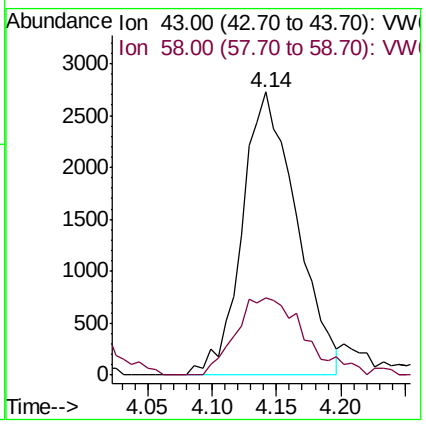


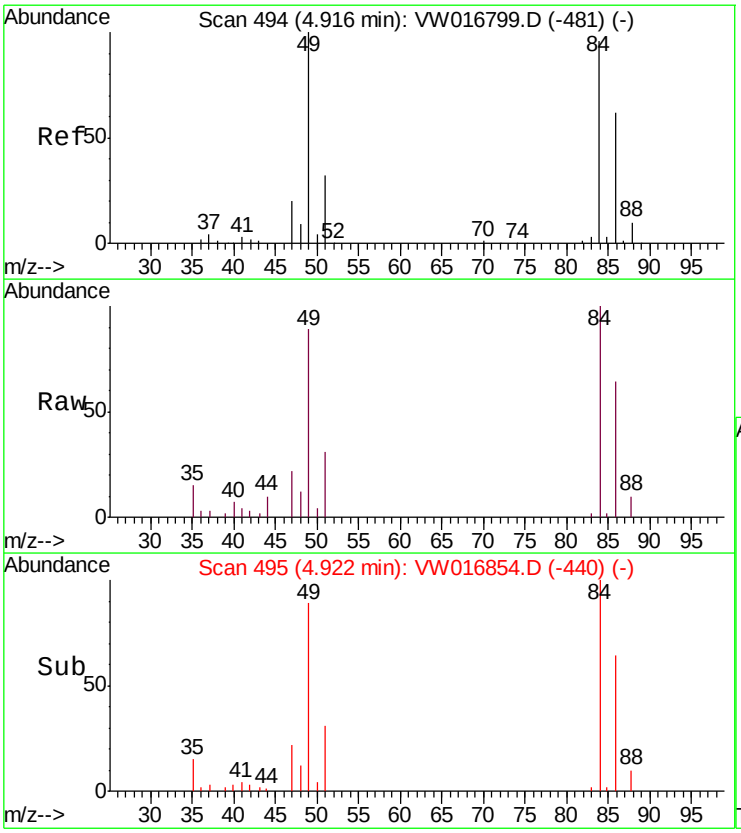
#13
Acetone
Concen: 8.083 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW016854.D
Acq: 08 Oct 2020 15:24

Instrument : MSVOA_W
ClientSampleId : BG3W5

Tgt Ion: 43 Resp: 7994

Ion	Ratio	Lower	Upper
43	100		
58	12.9	0.0	67.6

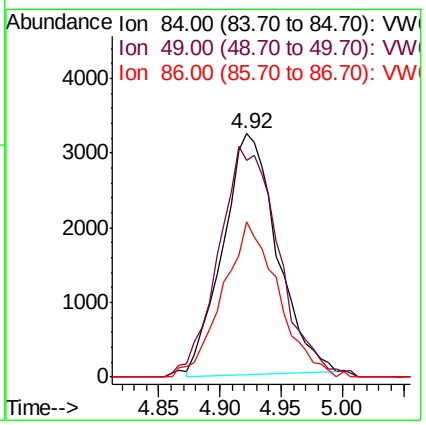


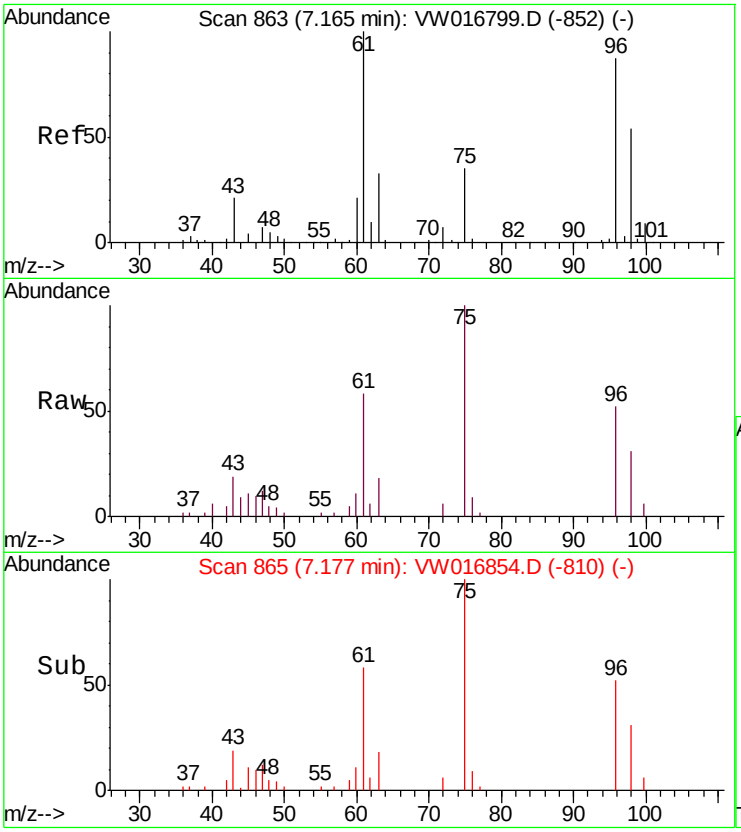


#16
Methylene chloride
Concen: 1.230 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016854.D
Acq: 08 Oct 2020 15:24

Tgt Ion: 84 Resp: 9932

Ion	Ratio	Lower	Upper
84	100		
49	88.8	73.1	135.8
86	64.0	46.0	85.4



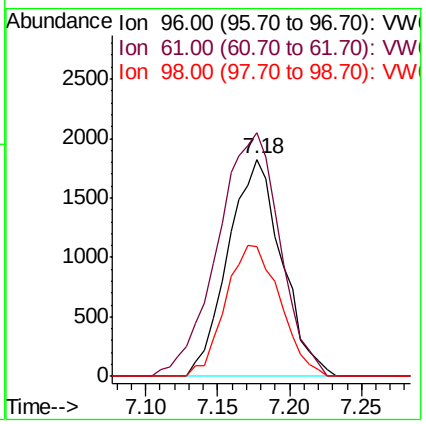


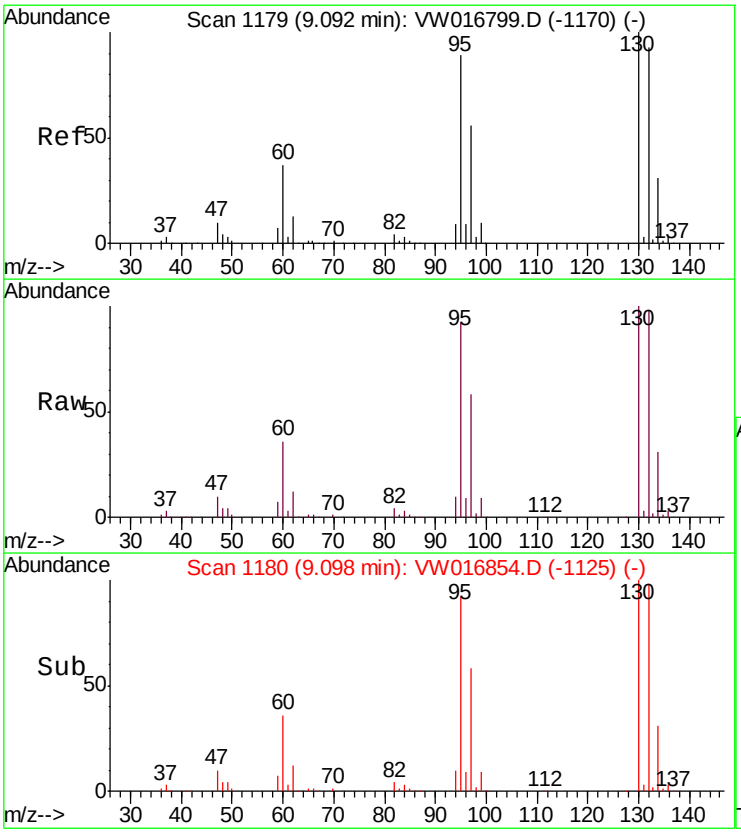
#22
cis-1,2-Dichloroethene
Concen: 0.589 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW016854.D
Acq: 08 Oct 2020 15:24

Instrument :
MSVOA_W
ClientSampleId :
BG3W5

Tgt Ion: 96 Resp: 4746

Ion	Ratio	Lower	Upper
96	100		
61	112.0	76.0	141.2
98	59.6	42.7	79.3

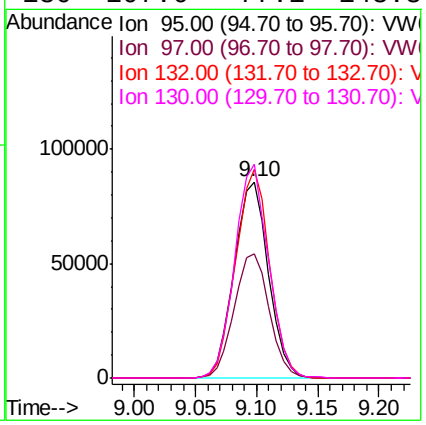


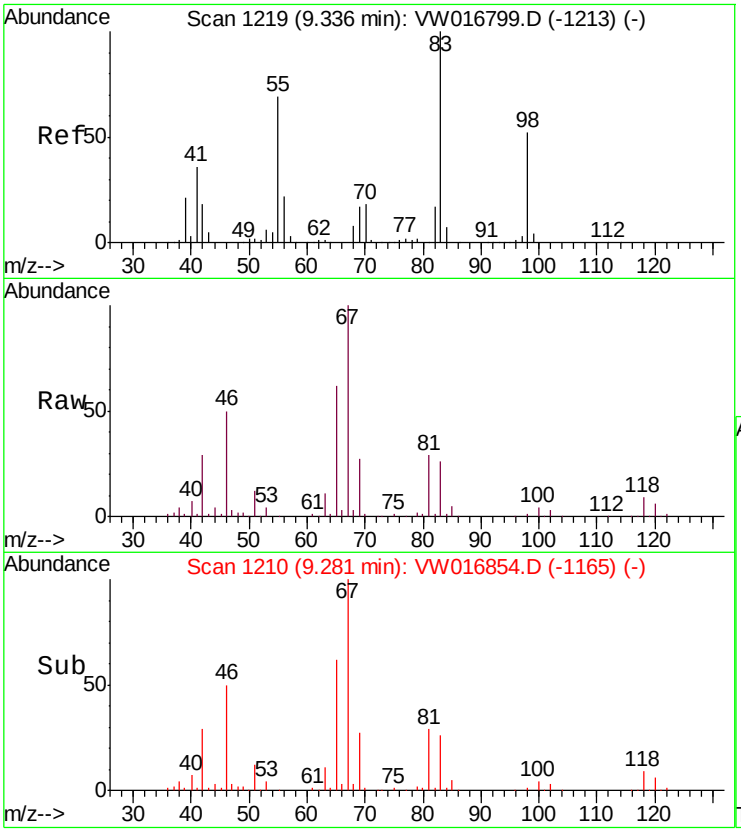


#35
Trichloroethene
Concen: 22.388 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW016854.D
Acq: 08 Oct 2020 15:24

Tgt Ion: 95 Resp: 166666

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.7	83.1
132	105.6	73.8	137.2
130	107.6	77.1	143.3



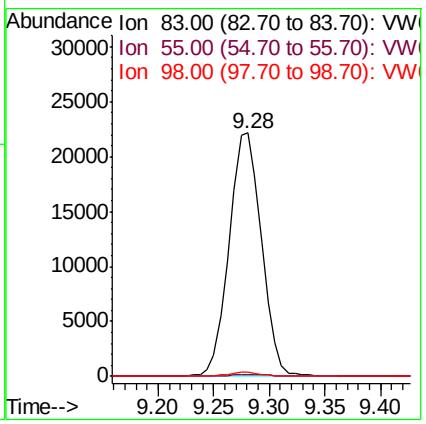


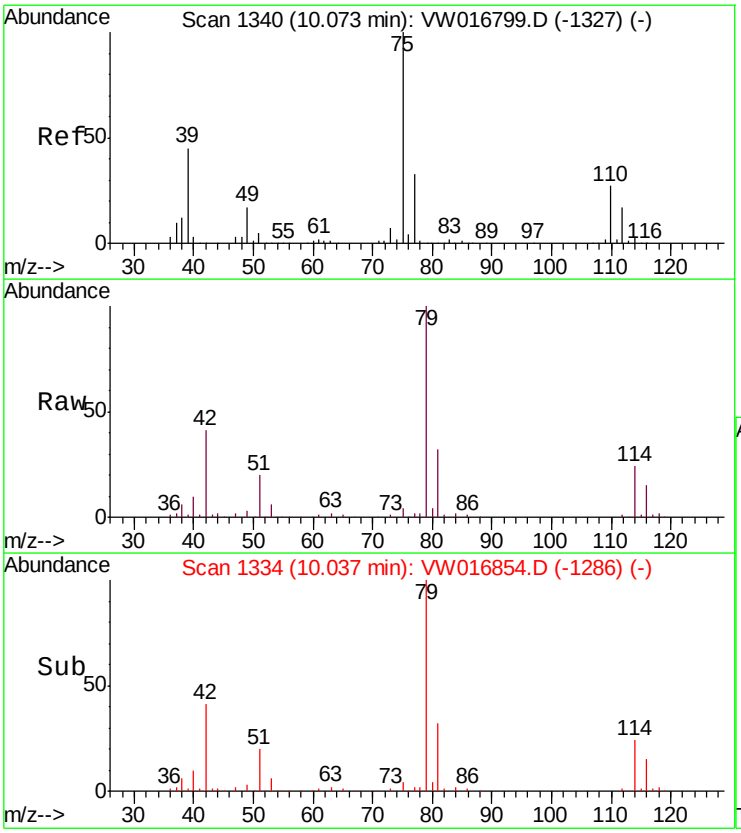
#36
Methylcyclohexane
Concen: 3.566 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW016854.D
Acq: 08 Oct 2020 15:24

Instrument : MSVOA_W
ClientSampleId : BG3W5

Tgt Ion: 83 Resp: 44633

Ion	Ratio	Lower	Upper
83	100		
55	0.7	54.2	81.4#
98	1.7	41.4	62.2#

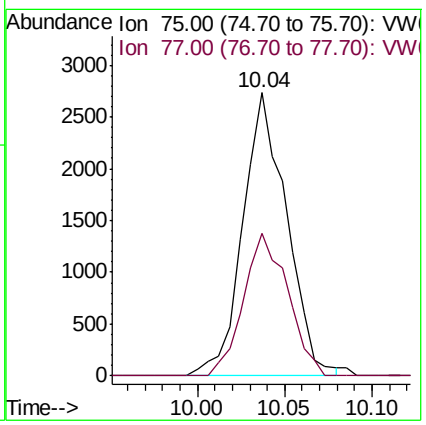


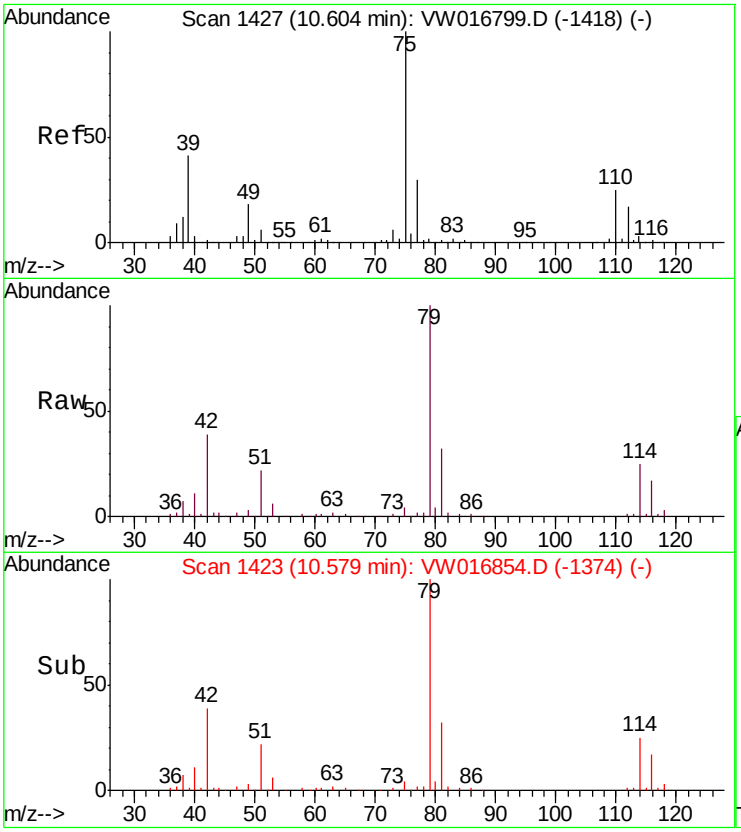


#42
cis-1,3-Dichloropropene
Concen: 0.504 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016854.D
Acq: 08 Oct 2020 15:24

Tgt Ion: 75 Resp: 4782

Ion	Ratio	Lower	Upper
75	100		
77	50.5	22.1	41.1#



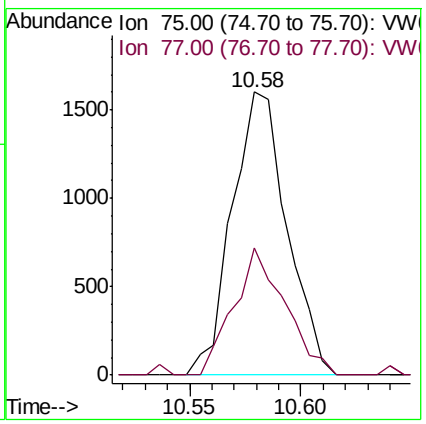


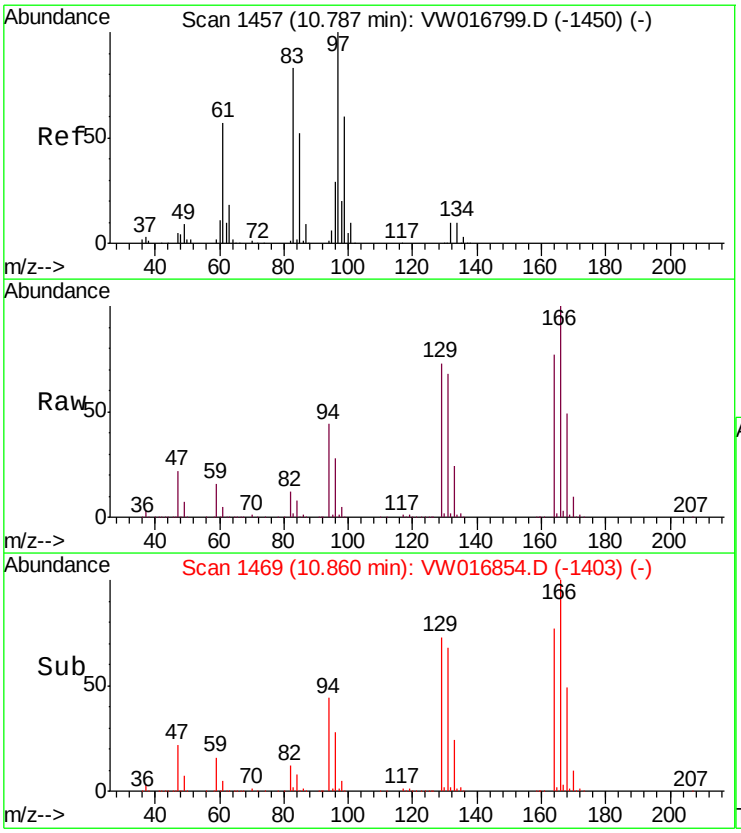
#45
trans-1,3-Dichloropropene
Concen: 0.345 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW016854.D
Acq: 08 Oct 2020 15:24

Instrument : MSVOA_W
ClientSampleId : BG3W5

Tgt Ion: 75 Resp: 2751

Ion	Ratio	Lower	Upper
75	100		
77	45.0	22.2	41.2#

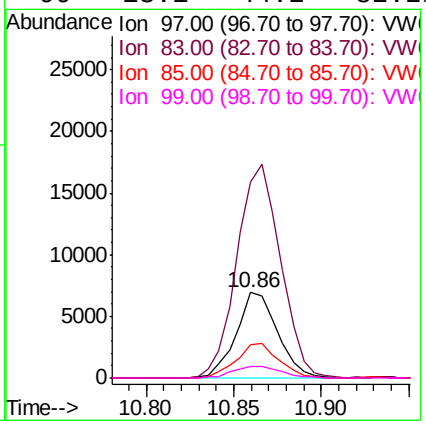


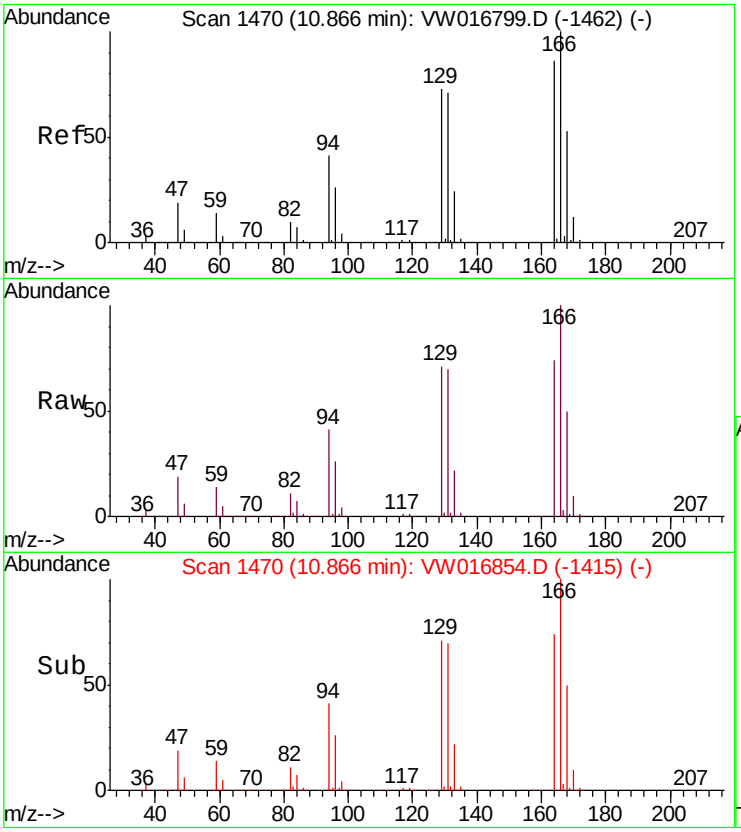


#46
1,1,2-Trichloroethane
Concen: 2.354 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.07 min
Lab File: VW016854.D
Acq: 08 Oct 2020 15:24

Tgt Ion: 97 Resp: 11389

Ion	Ratio	Lower	Upper
97	100		
83	228.7	56.8	105.4#
85	39.0	37.0	68.6
99	13.1	44.2	82.2#



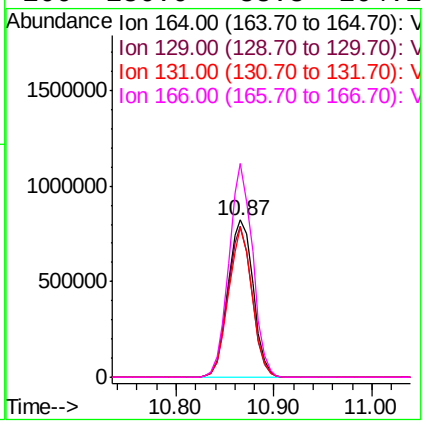


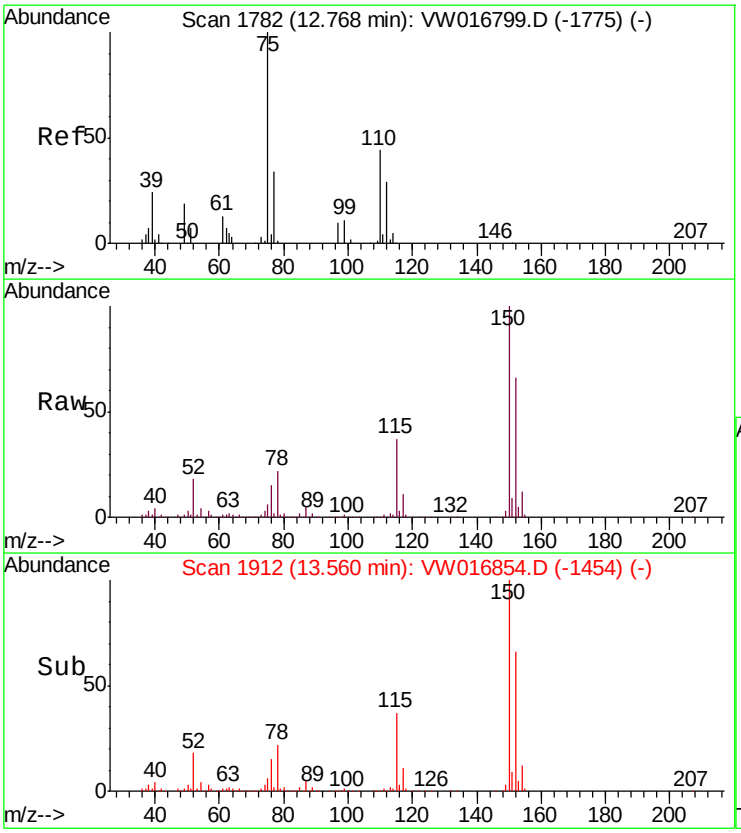
#47
Tetrachloroethene
Concen: 211.690 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW016854.D
Acq: 08 Oct 2020 15:24

Instrument : MSVOA_W
ClientSampleId : BG3W5

Tgt Ion:164 Resp: 1461008

Ion	Ratio	Lower	Upper
164	100		
129	96.6	61.7	114.7
131	95.0	59.7	110.9
166	136.0	88.3	164.1





#59
1,2,3-Trichloropropane
Concen: 5.467 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016854.D
Acq: 08 Oct 2020 15:24

Tgt Ion: 75 Resp: 21173

Ion	Ratio	Lower	Upper
75	100		
77	36.3	26.2	39.2