Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111320\
Data File : VW017218.D
Acq On : 13 Nov 2020 17:23
Operator : SY/VA
Sample : L4710-24
Misc : 5.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AZ7

Quant Time: Nov 16 14:17:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 16 11:48:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	461058	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	378358	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132009	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	118952	20.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.92%			
7) Chloroethane-d5	2.89	69	103247	23.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.28%			
10) 1,1-Dichloroethene-d2	4.02	63	169494	16.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.28%			
20) 2-Butanone-d5	7.08	46	34811	26.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 53.60%			
24) Chloroform-d	7.65	84	252440	23.45	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	8.31	65	122828	22.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.80%			
29) Benzene-d6	8.27	84	481556	24.99	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.96%			
33) 1,2-Dichloropropane-d6	9.27	67	135680	25.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.84%			
37) Toluene-d8	10.33	98	433277	23.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.40%			
38) trans-1,3-Dichloropropene-	10.58	79	38753	16.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 64.52%			
39) 2-Hexanone-d5	10.93	63	26966	28.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 57.98%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89271	19.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 76.92%			
61) 1,2-Dichlorobenzene-d4	13.85	152	104638	22.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.02	96	1539	0.269	ug/L #	1
13) Acetone	4.13	43	1663	1.912	ug/L	72
16) Methylene chloride	4.92	84	15743	2.533	ug/L	93
21) 2-Butanone	7.15	43	2421	1.734	ug/L #	47
36) Methylcyclohexane	9.27	83	35453	3.959	ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	3319	0.451	ug/L	97
45) trans-1,3-Dichloropropene	10.57	75	1914	0.303	ug/L	83
49) 2-Hexanone	10.93	43	4272	2.473	ug/L #	59
59) 1,2,3-Trichloropropane	13.56	75	13568	4.081	ug/L	90

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

Quantitation Report (Not Reviewed)

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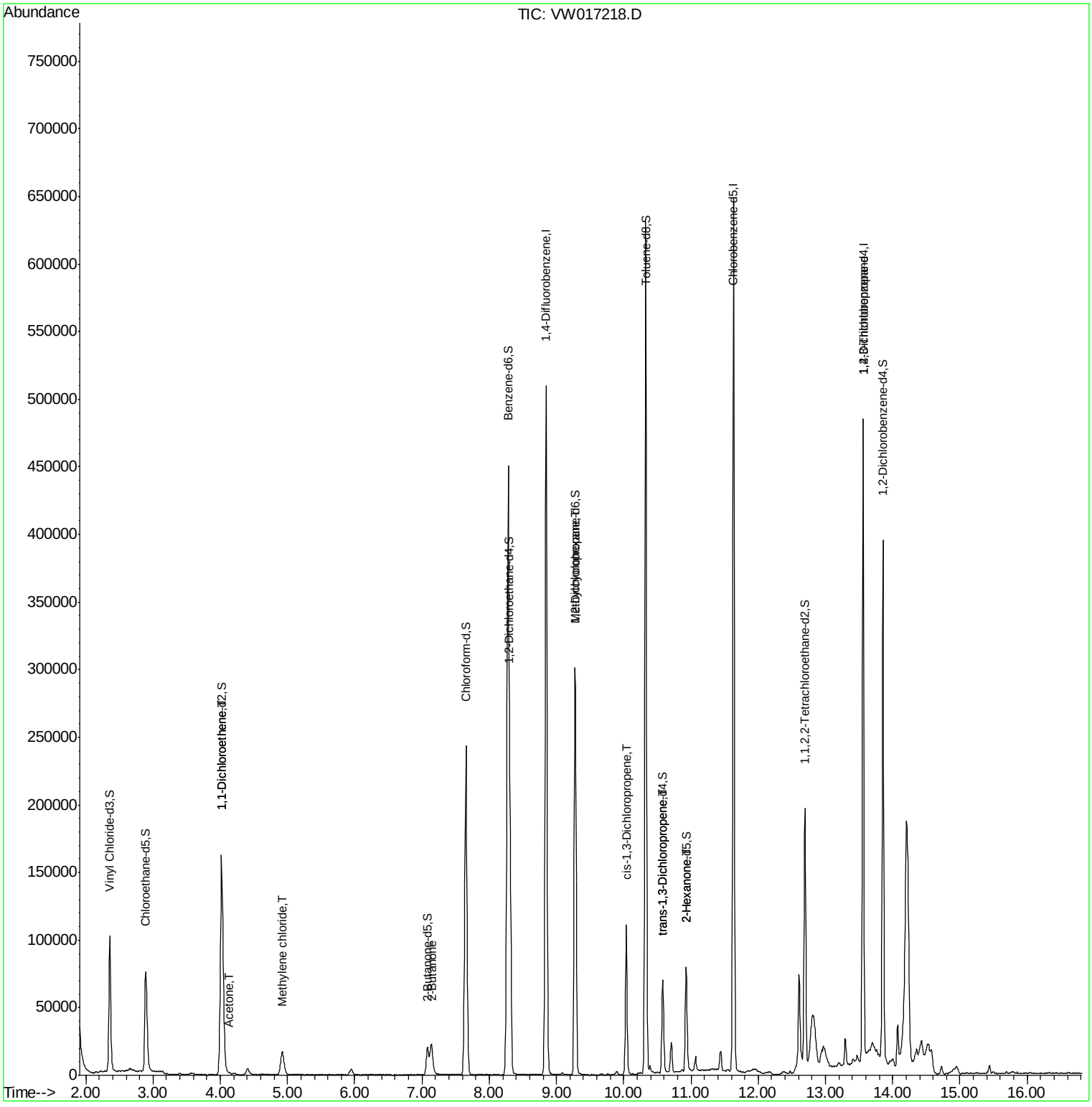
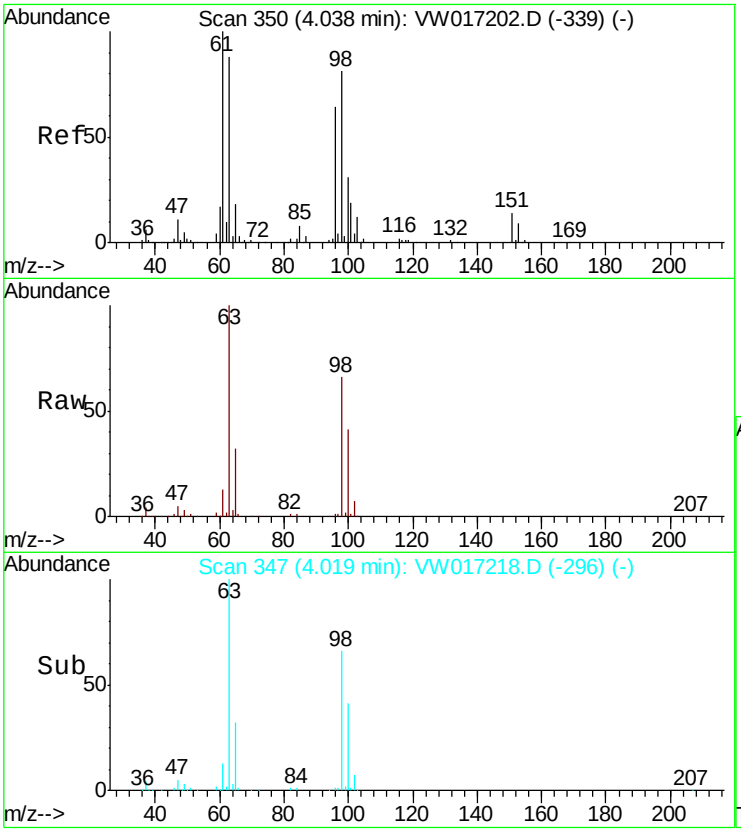
Data File : VW017218.D
Acq On : 13 Nov 2020 17:23
Operator : SY/VA
Sample : L4710-24
Misc : 5.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AZ7

Quant Time: Nov 16 14:17:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 16 11:48:24 2020
Response via : Initial Calibration



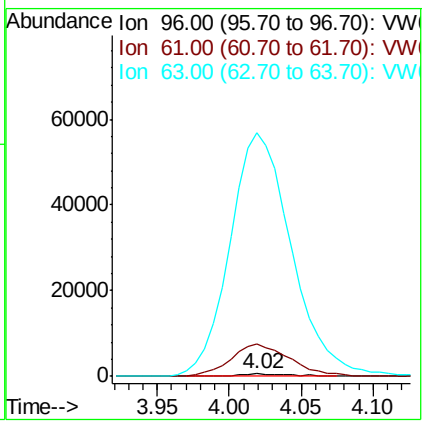


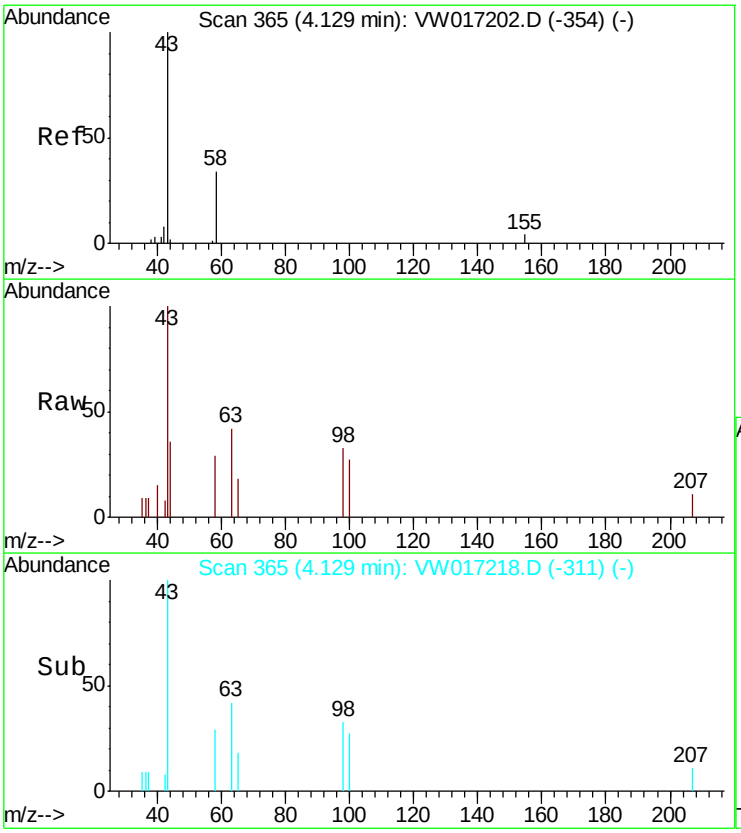
#12
1,1-Dichloroethene
Concen: 0.269 ug/L
RT: 4.02 min Scan# 347
Delta R.T. -0.02 min
Lab File: VW017218.D
Acq: 13 Nov 2020 17:23

Instrument : MSVOA_W
ClientSampleId : C0AZ7

Tgt Ion: 96 Resp: 1539

Ion	Ratio	Lower	Upper
96	100		
61	1180.4	103.8	192.8#
63	8979.5	84.4	156.7#

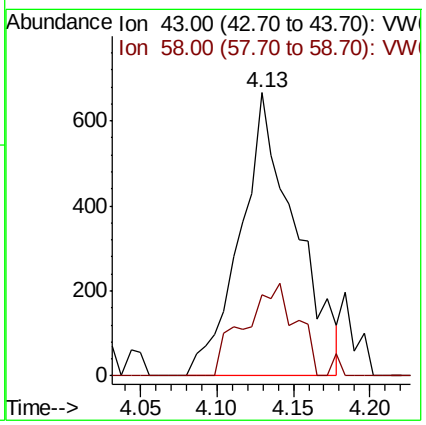


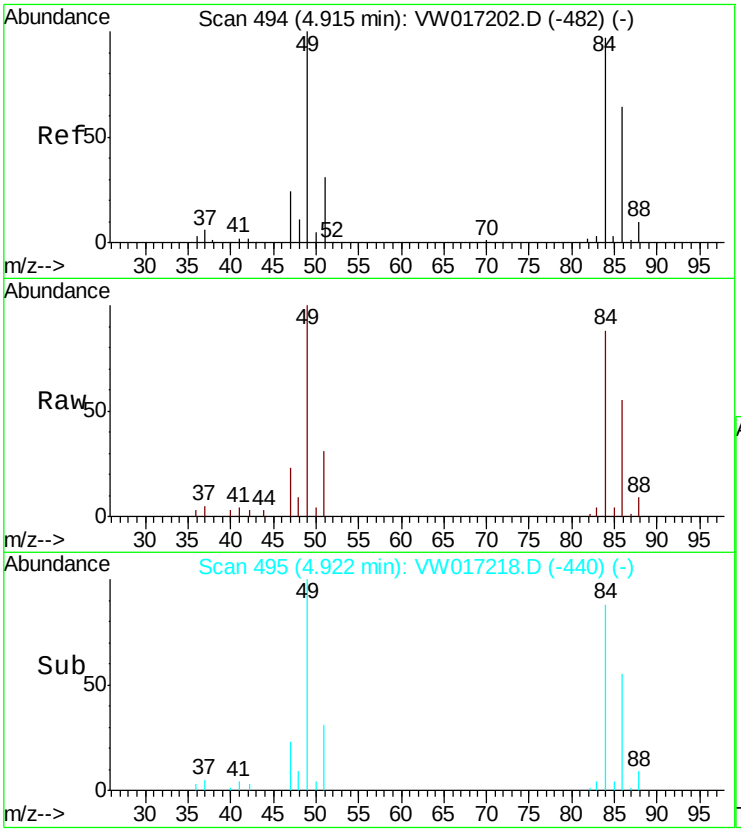


#13
Acetone
Concen: 1.912 ug/L
RT: 4.13 min Scan# 365
Delta R.T. -0.00 min
Lab File: VW017218.D
Acq: 13 Nov 2020 17:23

Tgt Ion: 43 Resp: 1663

Ion	Ratio	Lower	Upper
43	100		
58	18.2	0.0	69.2



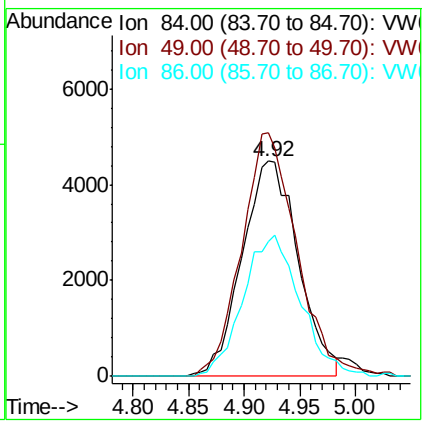


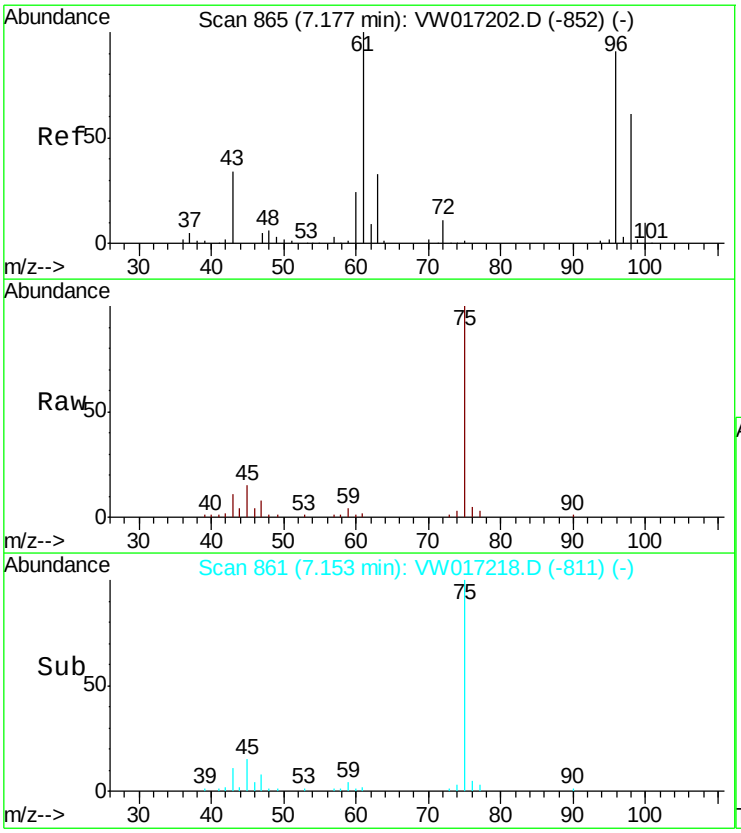
#16
Methylene chloride
Concen: 2.533 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017218.D
Acq: 13 Nov 2020 17:23

Instrument : MSVOA_W
ClientSampleId : C0AZ7

Tgt Ion: 84 Resp: 15743

Ion	Ratio	Lower	Upper
84	100		
49	113.3	72.3	134.3
86	62.5	45.1	83.7

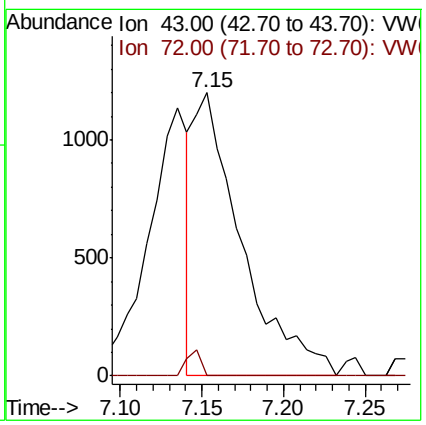


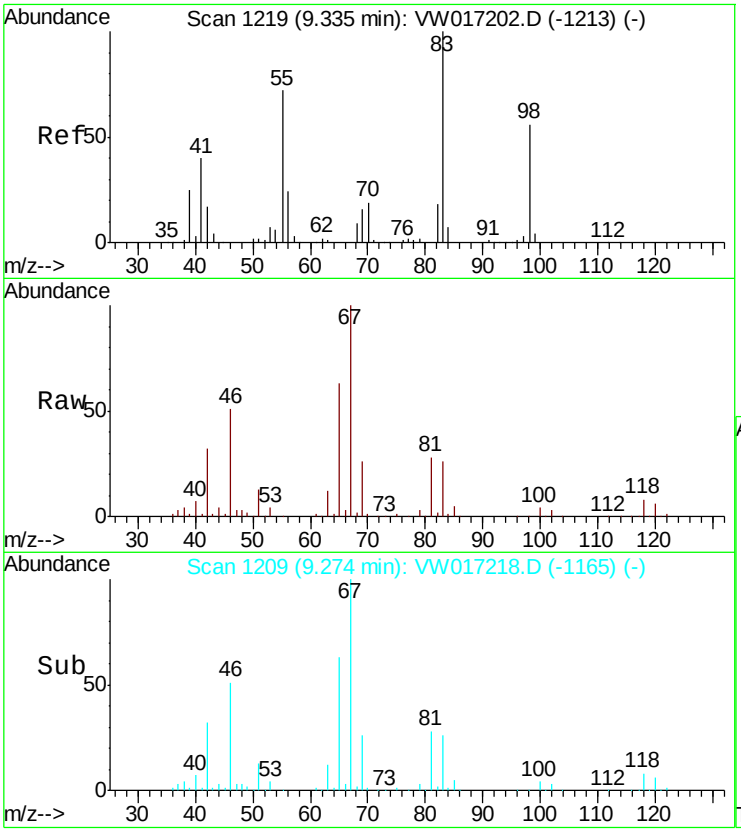


#21
2-Butanone
Concen: 1.734 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW017218.D
Acq: 13 Nov 2020 17:23

Tgt Ion: 43 Resp: 2421

Ion	Ratio	Lower	Upper
43	100		
72	2.8	16.1	48.3#



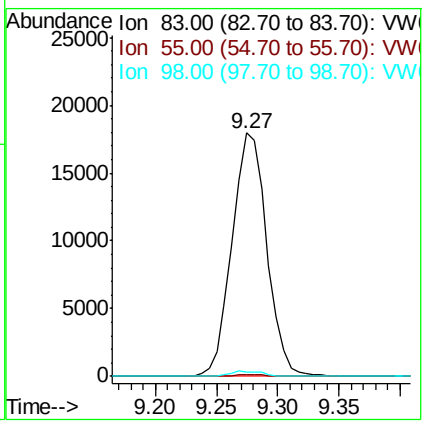


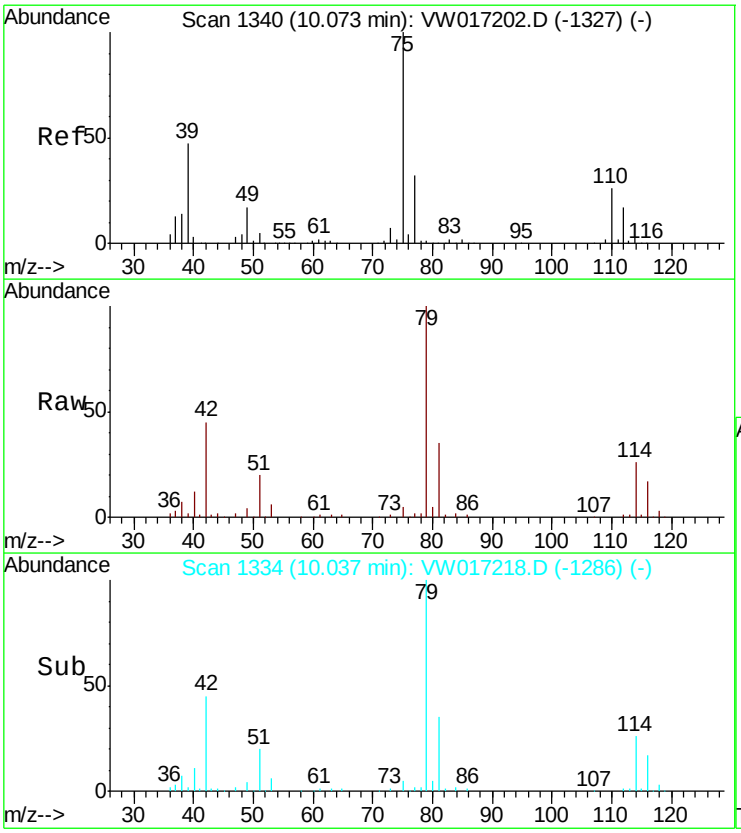
#36
Methylcyclohexane
Concen: 3.959 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017218.D
Acq: 13 Nov 2020 17:23

Instrument : MSVOA_W
ClientSampleId : C0AZ7

Tgt Ion: 83 Resp: 35453

Ion	Ratio	Lower	Upper
83	100		
55	0.6	54.4	81.6#
98	1.0	40.5	60.7#

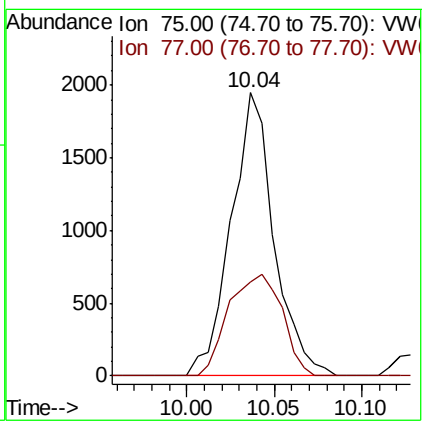


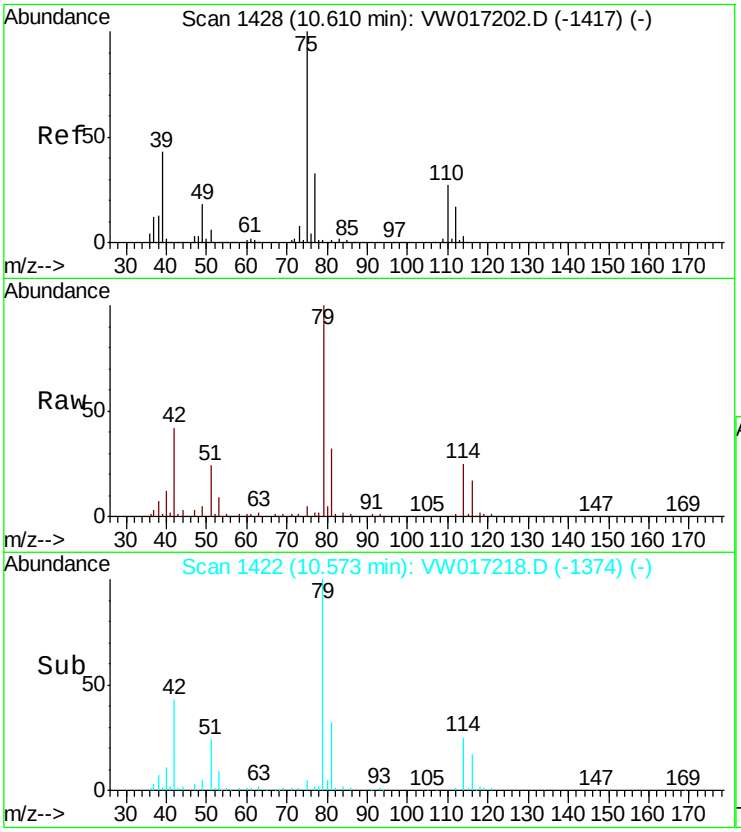


#42
cis-1,3-Dichloropropene
Concen: 0.451 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017218.D
Acq: 13 Nov 2020 17:23

Tgt Ion: 75 Resp: 3319

Ion	Ratio	Lower	Upper
75	100		
77	33.3	22.0	41.0



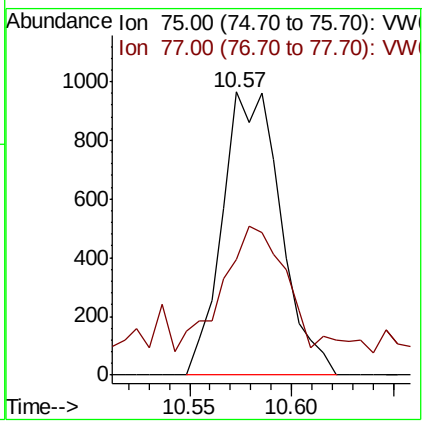


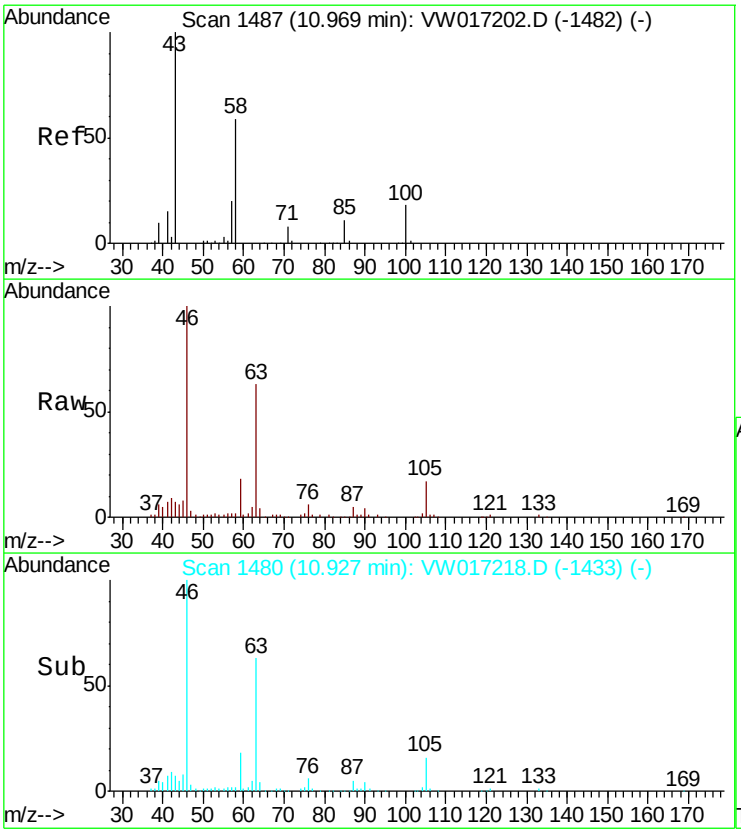
#45
trans-1,3-Dichloropropene
Concen: 0.303 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.04 min
Lab File: VW017218.D
Acq: 13 Nov 2020 17:23

Instrument : MSVOA_W
ClientSampleId : C0AZ7

Tgt Ion: 75 Resp: 1914

Ion	Ratio	Lower	Upper
75	100		
77	40.9	22.1	41.1

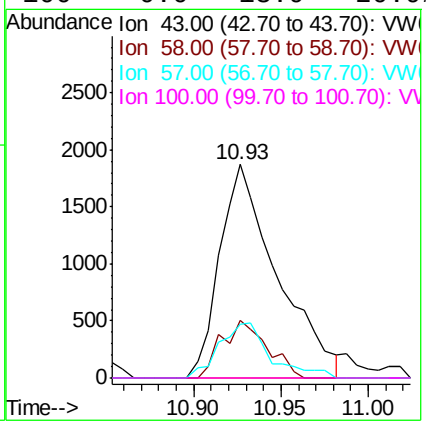


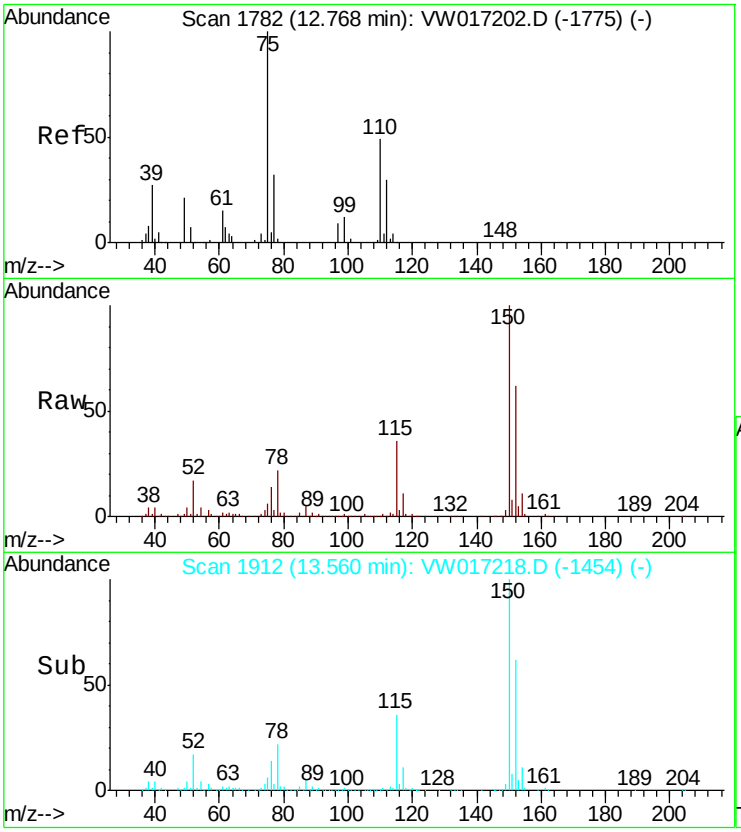


#49
2-Hexanone
Concen: 2.473 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW017218.D
Acq: 13 Nov 2020 17:23

Tgt Ion: 43 Resp: 4272

Ion	Ratio	Lower	Upper
43	100		
58	21.5	50.6	75.8#
57	20.2	17.8	26.6
100	0.0	13.9	20.9#





#59
1,2,3-Trichloropropane
Concen: 4.081 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW017218.D
Acq: 13 Nov 2020 17:23

Instrument :
MSVOA_W
ClientSampleId :
C0AZ7

Tgt Ion: 75 Resp: 13568

Ion	Ratio	Lower	Upper
75	100		
77	38.6	26.4	39.6