Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111120\
Data File : VW017172.D
Acq On : 11 Nov 2020 18:32
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK28

Quant Time: Nov 12 03:17:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	450147	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	413092	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	191297	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	127275	22.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.80%			
7) Chloroethane-d5	2.89	69	105977	24.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.04%			
10) 1,1-Dichloroethene-d2	4.03	63	164532	16.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.88%			
20) 2-Butanone-d5	7.09	46	48099	37.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.86%			
24) Chloroform-d	7.65	84	248818	23.68	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.72%			
26) 1,2-Dichloroethane-d4	8.31	65	124950	23.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.68%			
29) Benzene-d6	8.28	84	487188	23.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.64%			
33) 1,2-Dichloropropane-d6	9.28	67	136263	23.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.68%			
37) Toluene-d8	10.33	98	447005	22.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.16%			
38) trans-1,3-Dichloropropene-	10.58	79	53574	20.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.68%			
39) 2-Hexanone-d5	10.93	63	38763	38.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.34%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108671	21.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.76%			
61) 1,2-Dichlorobenzene-d4	13.86	152	173049	25.68	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.72%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.02	96	1476	0.264	ug/L #	1
13) Acetone	4.15	43	945	1.113	ug/L	61
16) Methylene chloride	4.92	84	4915	0.810	ug/L	89
36) Methylcyclohexane	9.28	83	35719	3.653	ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	4561	0.568	ug/L	93
43) 4-Methyl-2-pentanone	10.21	43	2199	0.703	ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	2645	0.383	ug/L #	72
47) Tetrachloroethene	10.87	164	7914	1.444	ug/L	94
59) 1,2,3-Trichloropropane	13.56	75	20237	5.575	ug/L	90

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

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ALS Vial : 22 Sample Multiplier: 1

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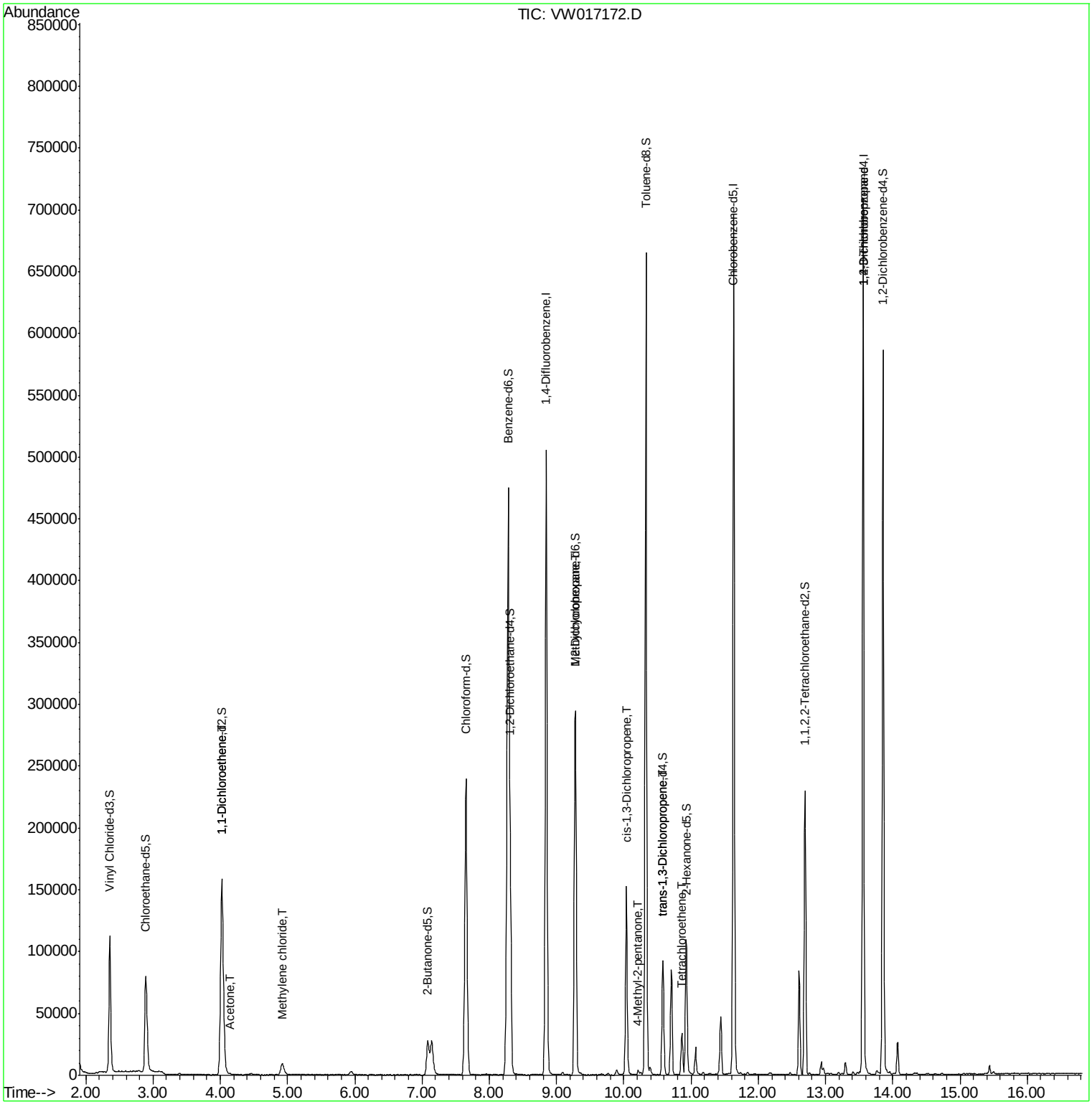
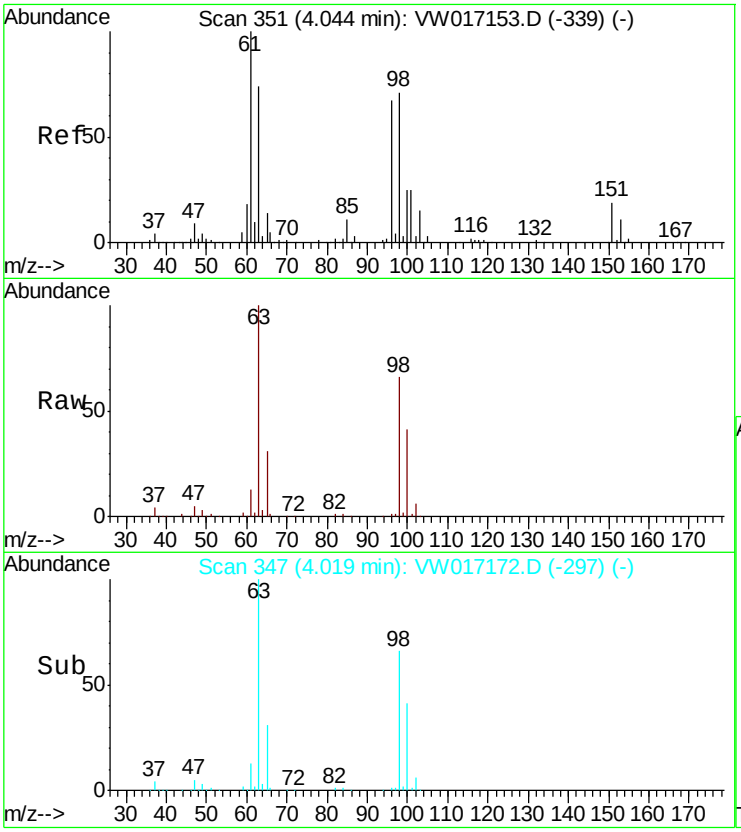
Quant Time: Nov 12 03:17:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration



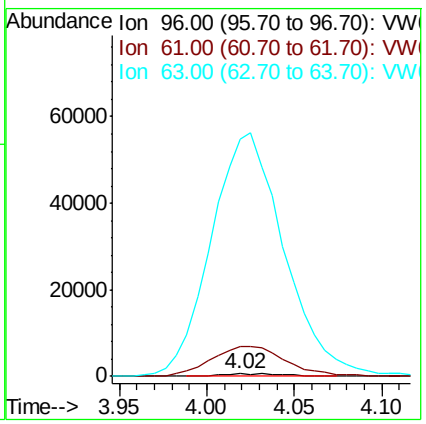


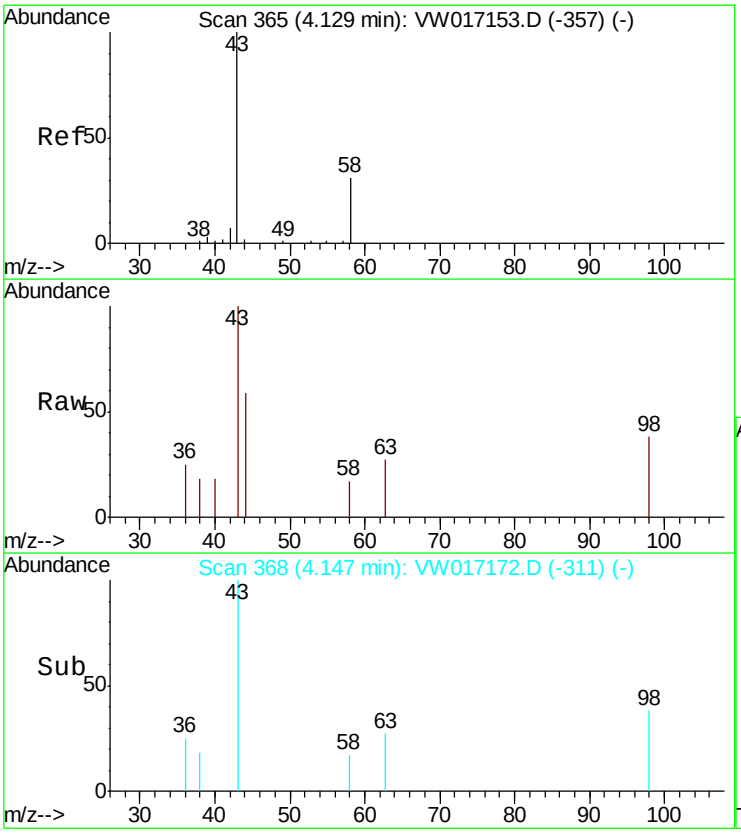
#12
1,1-Dichloroethene
Concen: 0.264 ug/L
RT: 4.02 min Scan# 347
Delta R.T. -0.02 min
Lab File: VW017172.D
Acq: 11 Nov 2020 18:32

Instrument : MSVOA_W
ClientSampleId : VIBLK28

Tgt Ion: 96 Resp: 1476

Ion	Ratio	Lower	Upper
96	100		
61	1132.8	103.8	192.8#
63	8963.1	84.4	156.7#

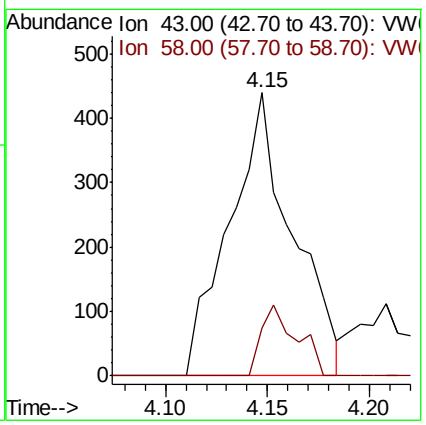


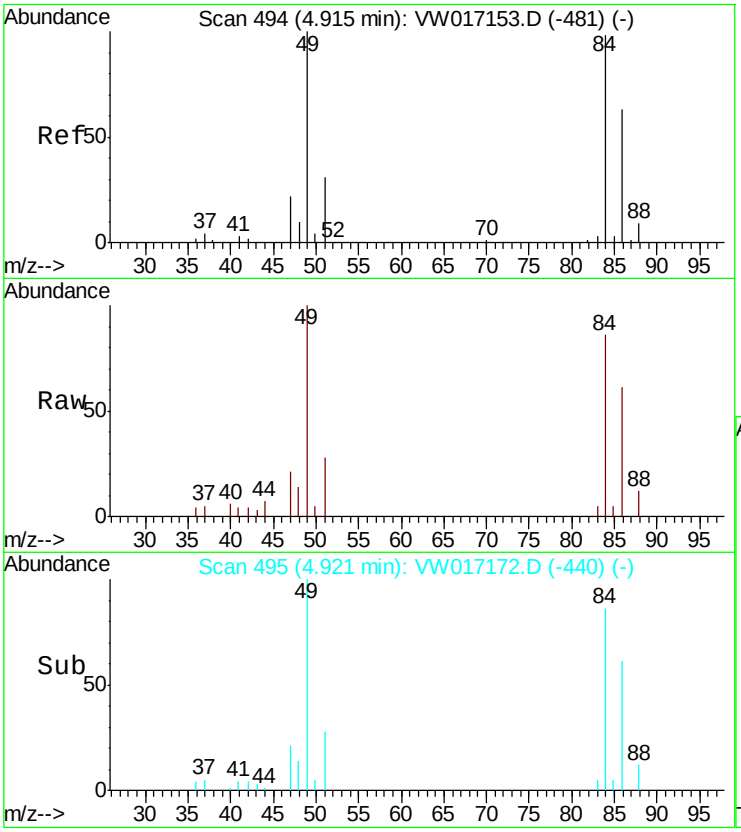


#13
Acetone
Concen: 1.113 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW017172.D
Acq: 11 Nov 2020 18:32

Tgt Ion: 43 Resp: 945

Ion	Ratio	Lower	Upper
43	100		
58	11.9	0.0	69.2



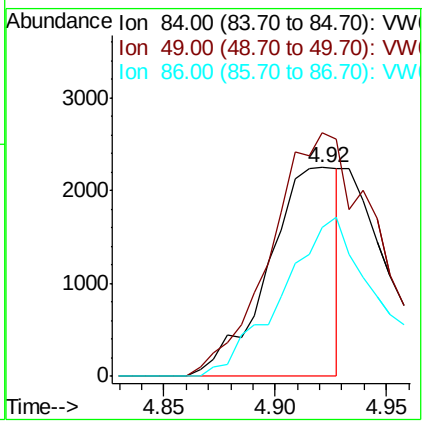


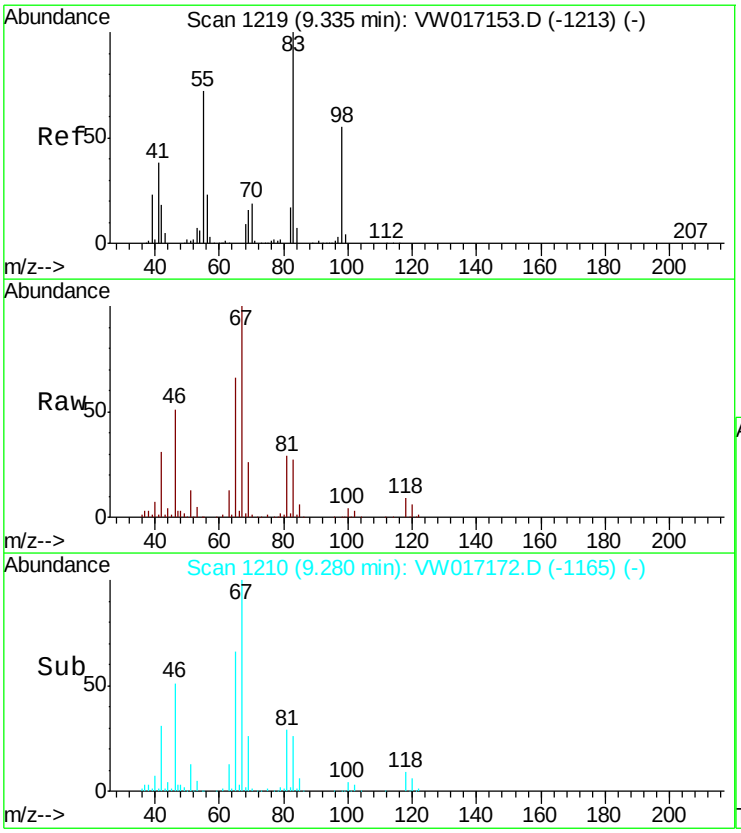
#16
Methylene chloride
Concen: 0.810 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017172.D
Acq: 11 Nov 2020 18:32

Instrument : MSVOA_W
ClientSampleId : VIBLK28

Tgt Ion: 84 Resp: 4915

Ion	Ratio	Lower	Upper
84	100		
49	116.6	72.3	134.3
86	71.4	45.1	83.7

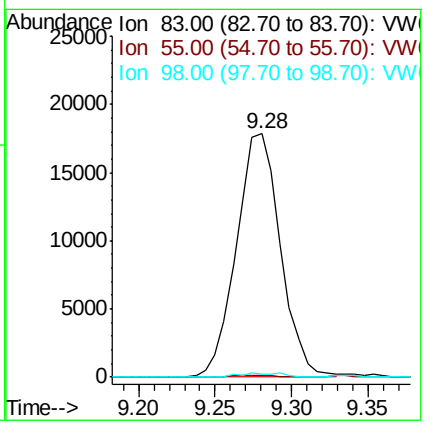


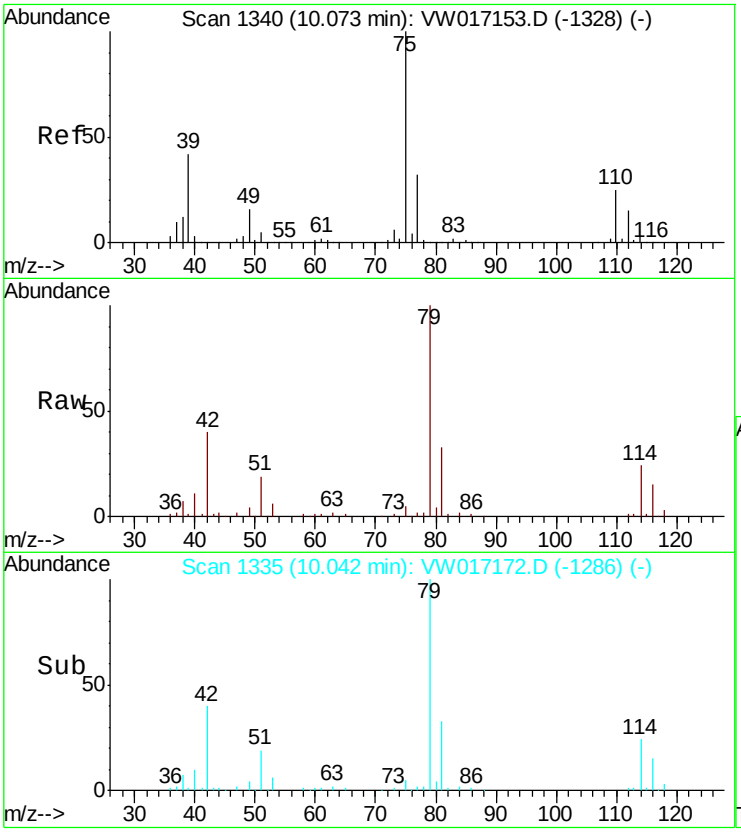


#36
Methylcyclohexane
Concen: 3.653 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW017172.D
Acq: 11 Nov 2020 18:32

Tgt Ion: 83 Resp: 35719

Ion	Ratio	Lower	Upper
83	100		
55	0.3	54.4	81.6#
98	0.9	40.5	60.7#



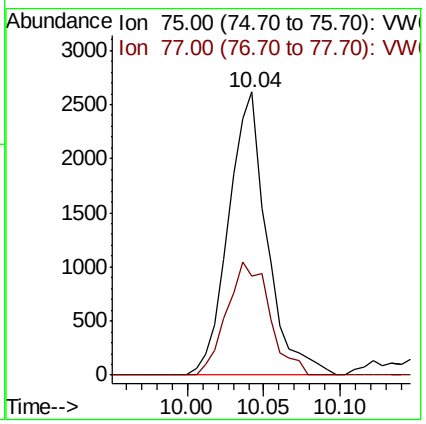


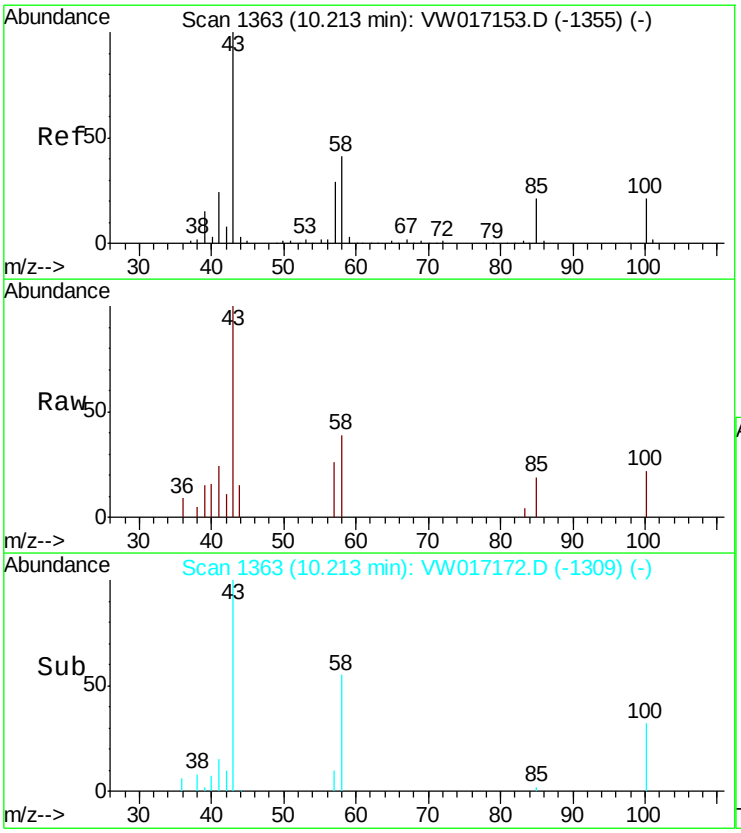
#42
cis-1,3-Dichloropropene
Concen: 0.568 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW017172.D
Acq: 11 Nov 2020 18:32

Instrument : MSVOA_W
ClientSampleId : VIBLK28

Tgt Ion: 75 Resp: 4561

Ion	Ratio	Lower	Upper
75	100		
77	35.2	22.0	41.0

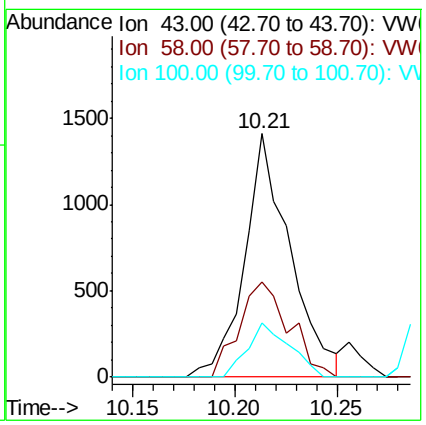


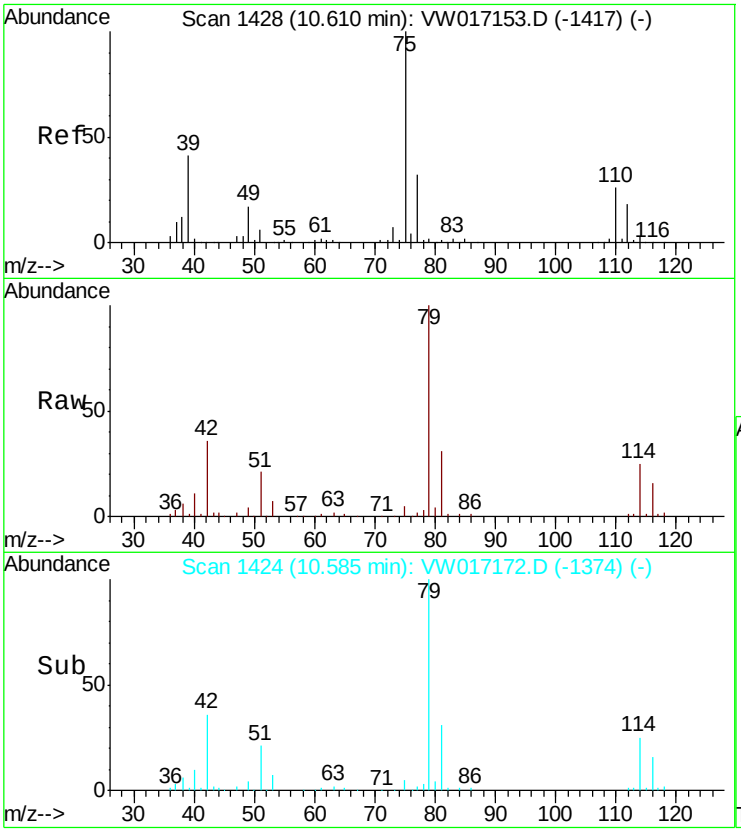


#43
4-Methyl-2-pentanone
Concen: 0.703 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017172.D
Acq: 11 Nov 2020 18:32

Tgt Ion: 43 Resp: 2199

Ion	Ratio	Lower	Upper
43	100		
58	42.9	35.0	52.6
100	20.6	16.6	24.8



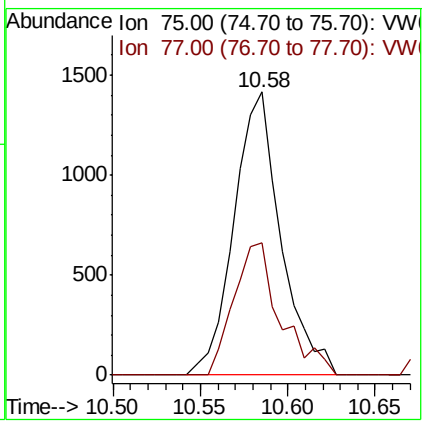


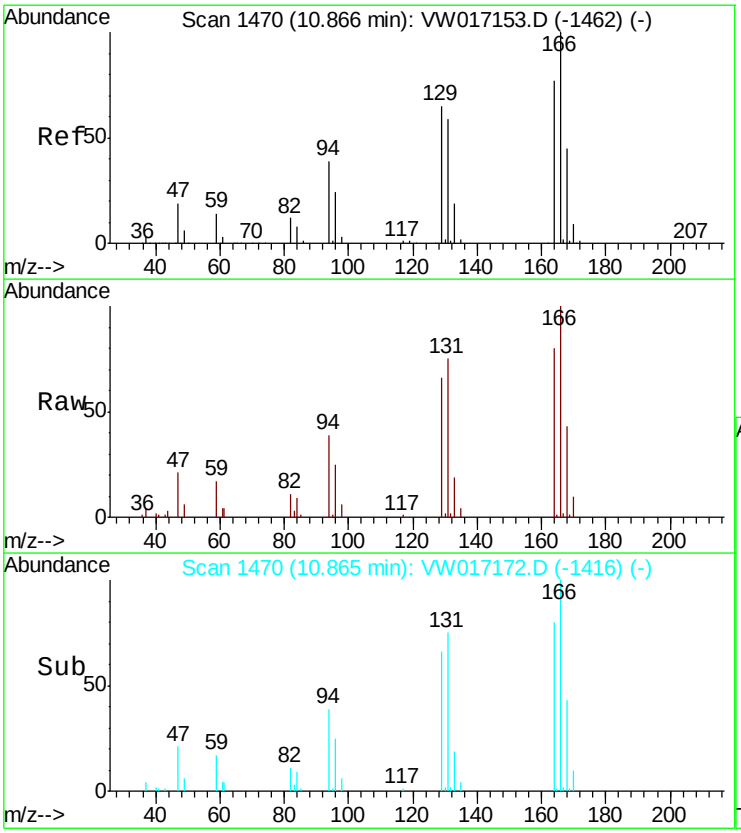
#45
trans-1,3-Dichloropropene
Concen: 0.383 ug/L
RT: 10.58 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW017172.D
Acq: 11 Nov 2020 18:32

Instrument : MSVOA_W
ClientSampleId : VIBLK28

Tgt Ion: 75 Resp: 2645

Ion	Ratio	Lower	Upper
75	100		
77	46.9	22.1	41.1#

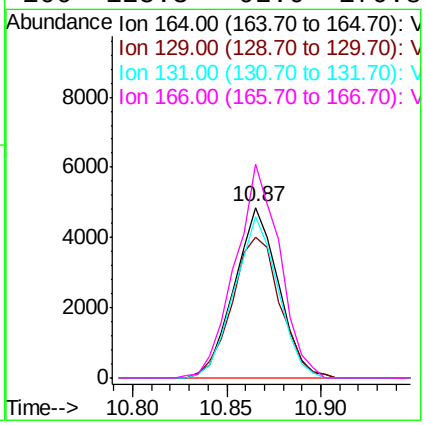


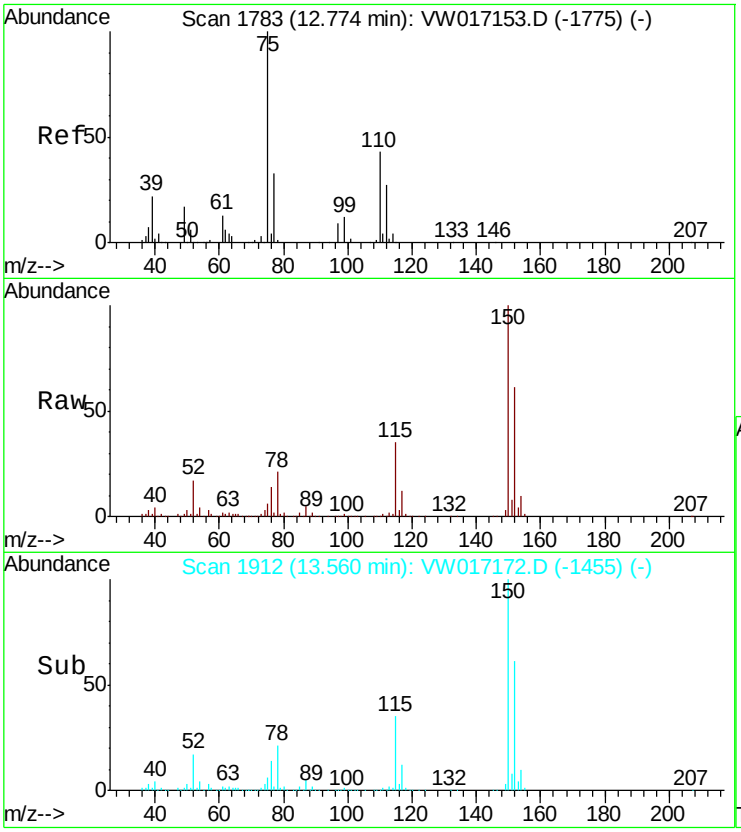


#47
Tetrachloroethene
Concen: 1.444 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW017172.D
Acq: 11 Nov 2020 18:32

Tgt Ion:164 Resp: 7914

Ion	Ratio	Lower	Upper
164	100		
129	83.0	62.9	116.7
131	94.5	63.3	117.5
166	125.3	92.0	170.8





#59
1,2,3-Trichloropropane
Concen: 5.575 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW017172.D
Acq: 11 Nov 2020 18:32

Instrument :
MSVOA_W
ClientSampleId :
VIBLK28

Tgt Ion: 75 Resp: 20237

Ion	Ratio	Lower	Upper
75	100		
77	38.4	26.4	39.6