Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111020\
Data File : VW017134.D
Acq On : 10 Nov 2020 12:50
Operator : SY/VA
Sample : L4659-15
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG4B4

Quant Time: Nov 11 05:38:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 11 05:30:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	525280	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	473850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	214167	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	145971	22.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.24%			
7) Chloroethane-d5	2.89	69	119062	23.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.40%			
10) 1,1-Dichloroethene-d2	4.02	63	196933	16.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.56%			
20) 2-Butanone-d5	7.09	46	41956	28.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.72%			
24) Chloroform-d	7.65	84	273066	22.27	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.08%			
26) 1,2-Dichloroethane-d4	8.31	65	127214	20.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 83.48%			
29) Benzene-d6	8.28	84	547919	22.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.84%			
33) 1,2-Dichloropropane-d6	9.28	67	151330	22.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.68%			
37) Toluene-d8	10.33	98	525906	23.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.44%			
38) trans-1,3-Dichloropropene-	10.59	79	56864	18.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.60%			
39) 2-Hexanone-d5	10.93	63	33048	28.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.74%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99013	17.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 68.12%			
61) 1,2-Dichlorobenzene-d4	13.85	152	177291	23.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
13) Acetone	4.15	43	4666	4.710	ug/L	96
14) Carbon disulfide	4.39	76	10918	0.615	ug/L	98
16) Methylene chloride	4.93	84	7428	1.049	ug/L	88
17) Methyl tert-butyl Ether	5.43	73	61727	7.754	ug/L	98
40) 1,2-Dichloropropane	9.28	63	17231	2.962	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	4228	0.459	ug/L #	68
43) 4-Methyl-2-pentanone	10.22	43	3166	0.882	ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	2517	0.318	ug/L	89
59) 1,2,3-Trichloropropane	13.56	75	22380	5.374	ug/L	94

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

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Quant Title : VOC Analysis
QLast Update : Wed Nov 11 05:30:56 2020
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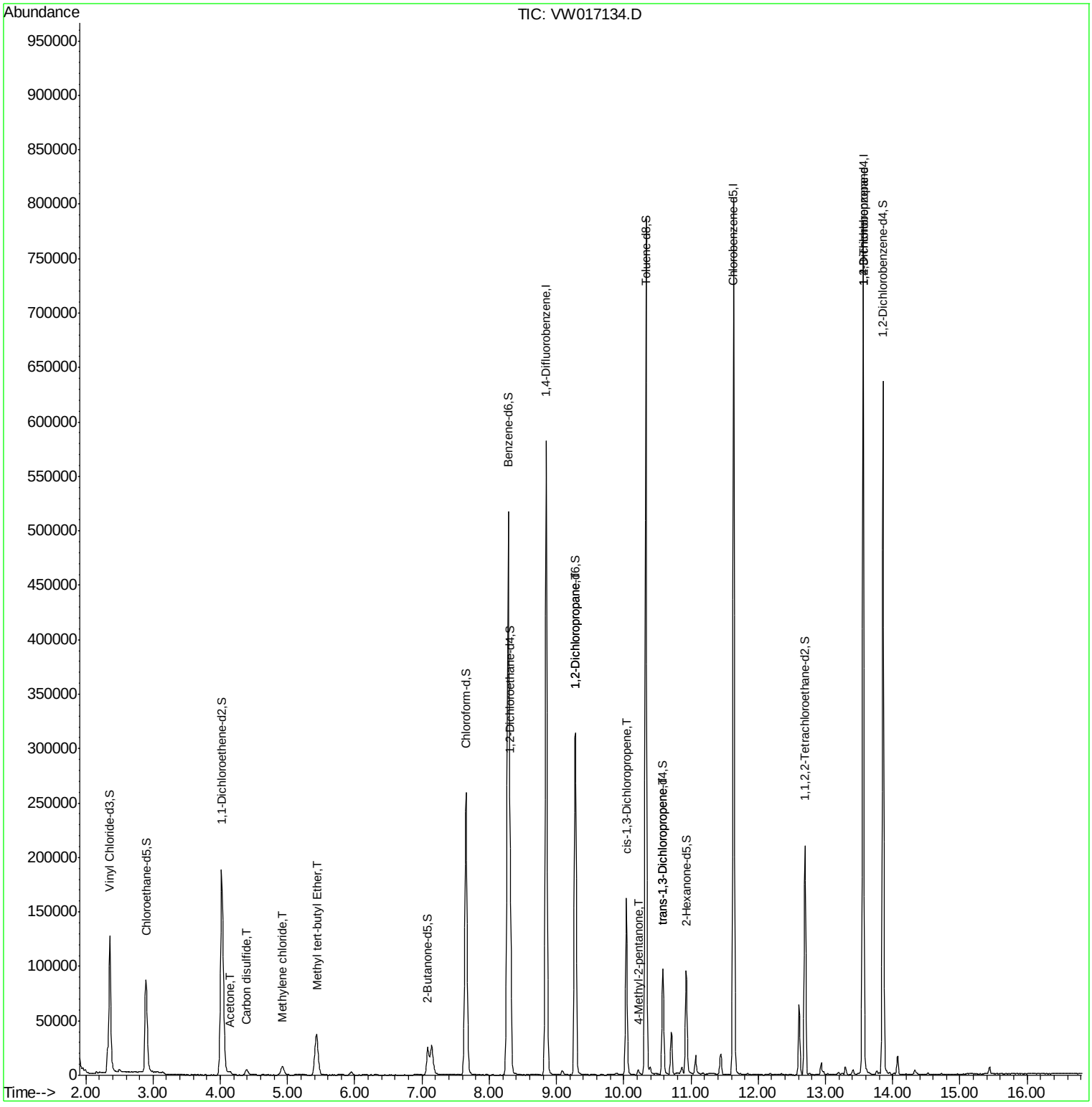
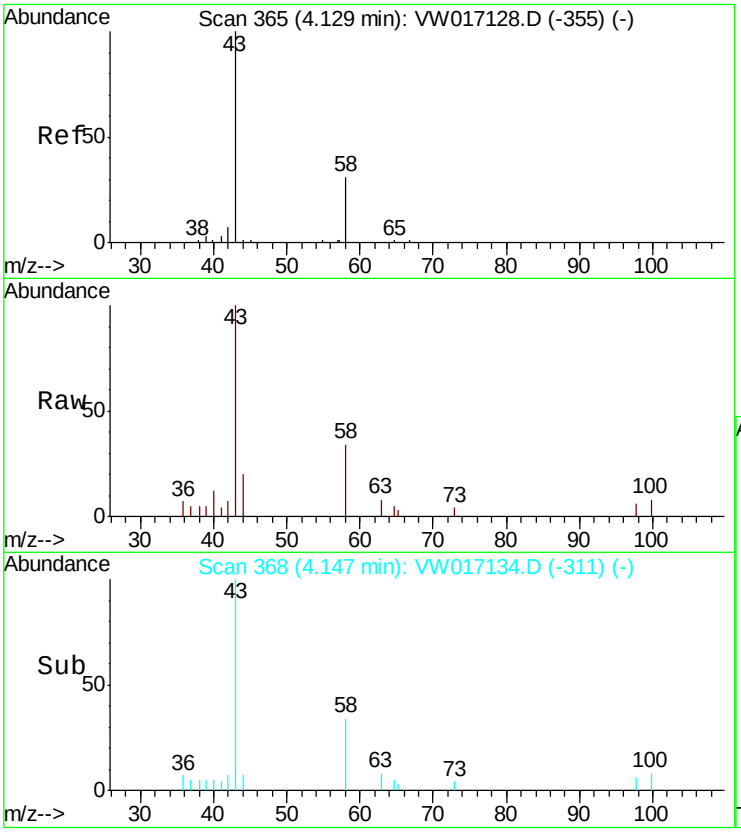


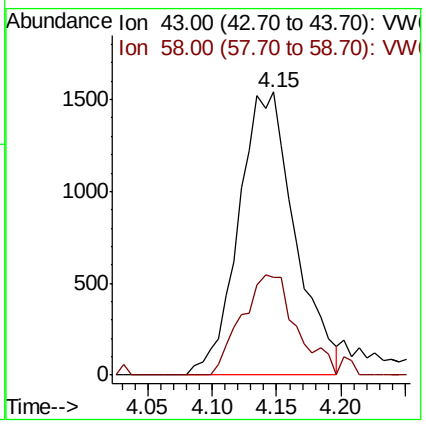


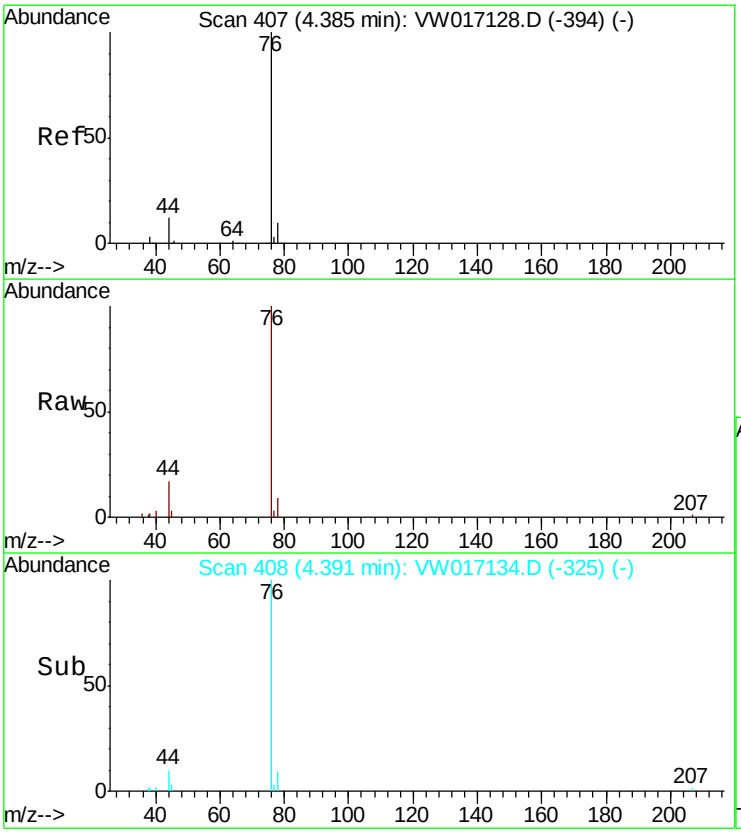
#13
Acetone
Concen: 4.710 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW017134.D
Acq: 10 Nov 2020 12:50

Instrument : MSVOA_W
ClientSampleId : BG4B4

Tgt Ion: 43 Resp: 4666

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	69.2

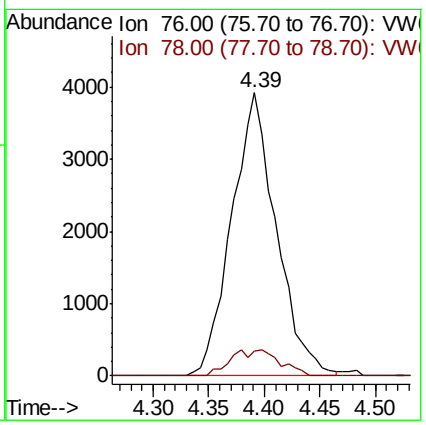


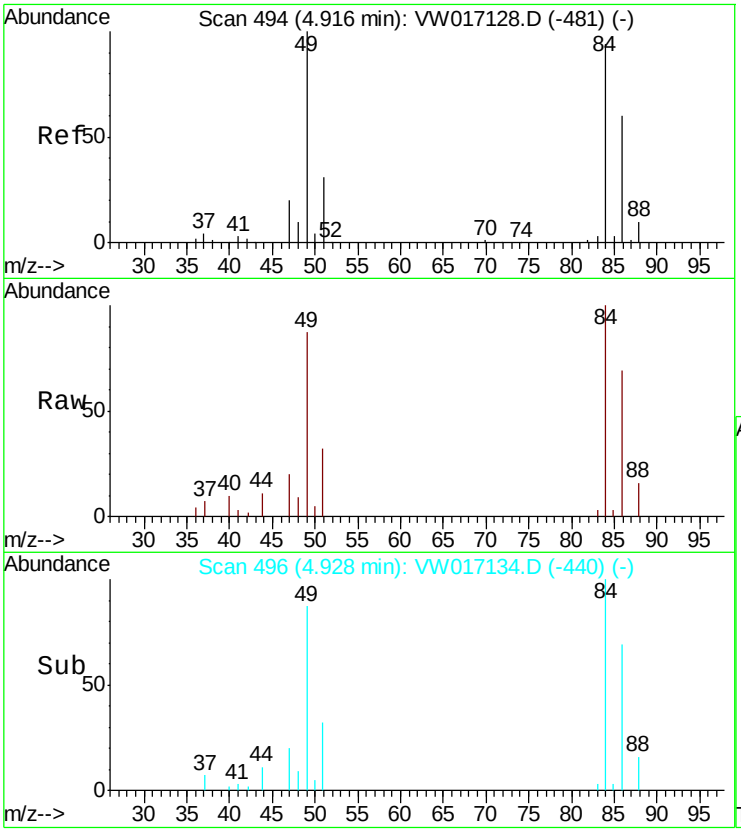


#14
Carbon disulfide
Concen: 0.615 ug/L
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW017134.D
Acq: 10 Nov 2020 12:50

Tgt Ion: 76 Resp: 10918

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.6	11.4



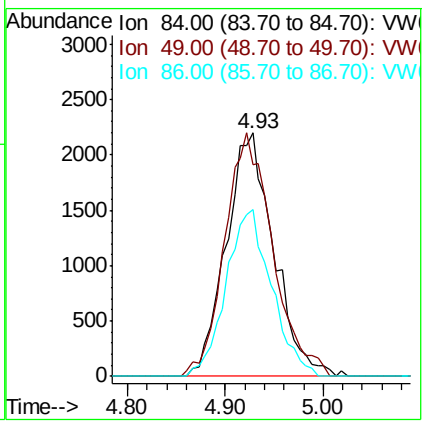


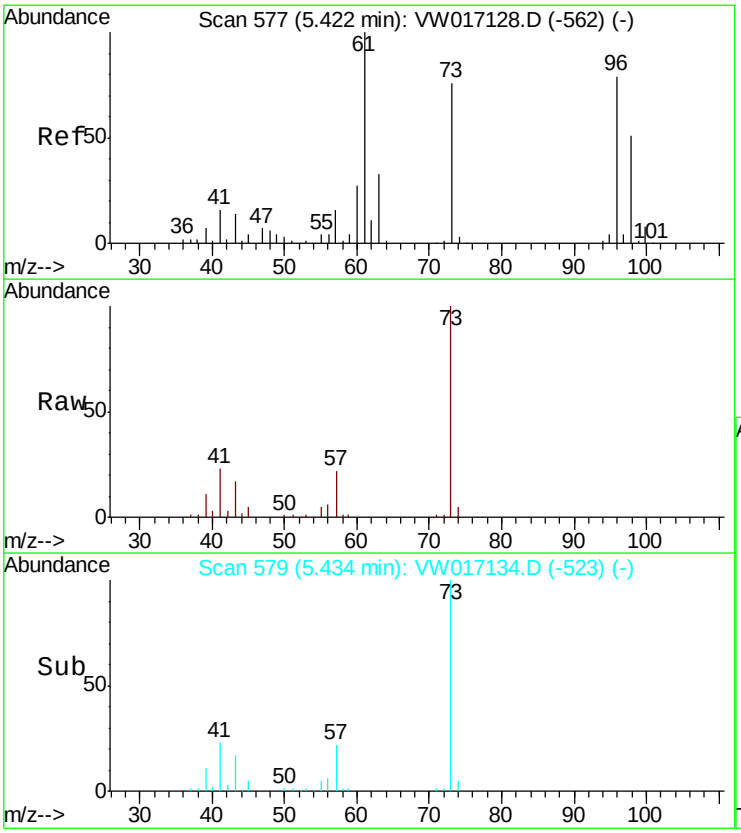
#16
Methylene chloride
Concen: 1.049 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017134.D
Acq: 10 Nov 2020 12:50

Instrument : MSVOA_W
ClientSampleId : BG4B4

Tgt Ion: 84 Resp: 7428

Ion	Ratio	Lower	Upper
84	100		
49	86.9	72.3	134.3
86	68.5	45.1	83.7

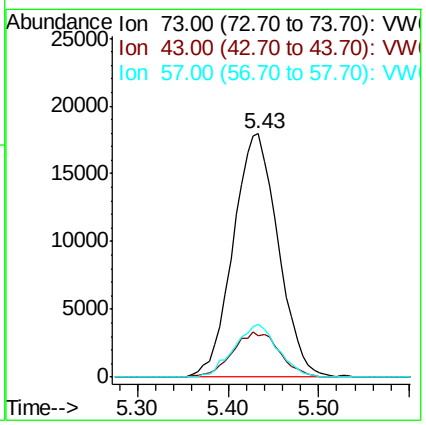


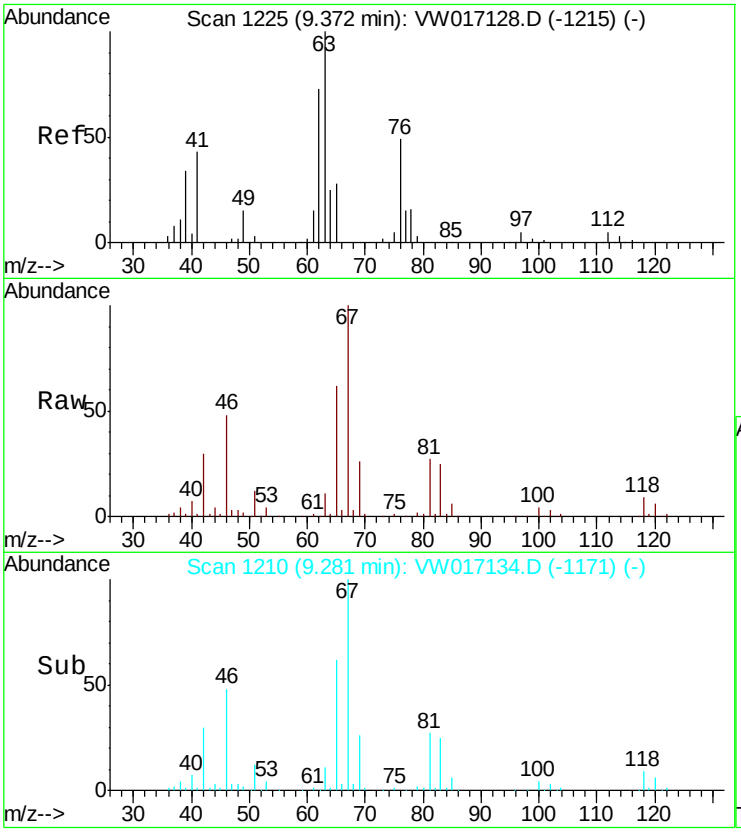


#17
Methyl tert-butyl Ether
Concen: 7.754 ug/L
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW017134.D
Acq: 10 Nov 2020 12:50

Tgt Ion: 73 Resp: 61727

Ion	Ratio	Lower	Upper
73	100		
43	19.3	14.5	21.7
57	21.1	16.3	24.5



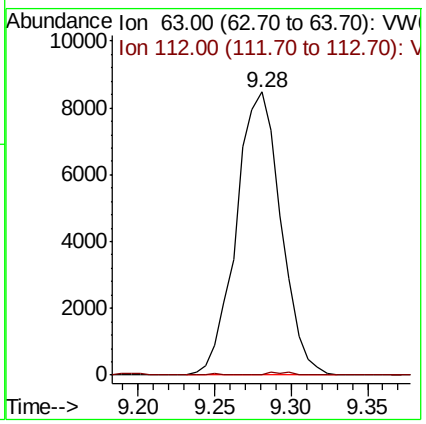


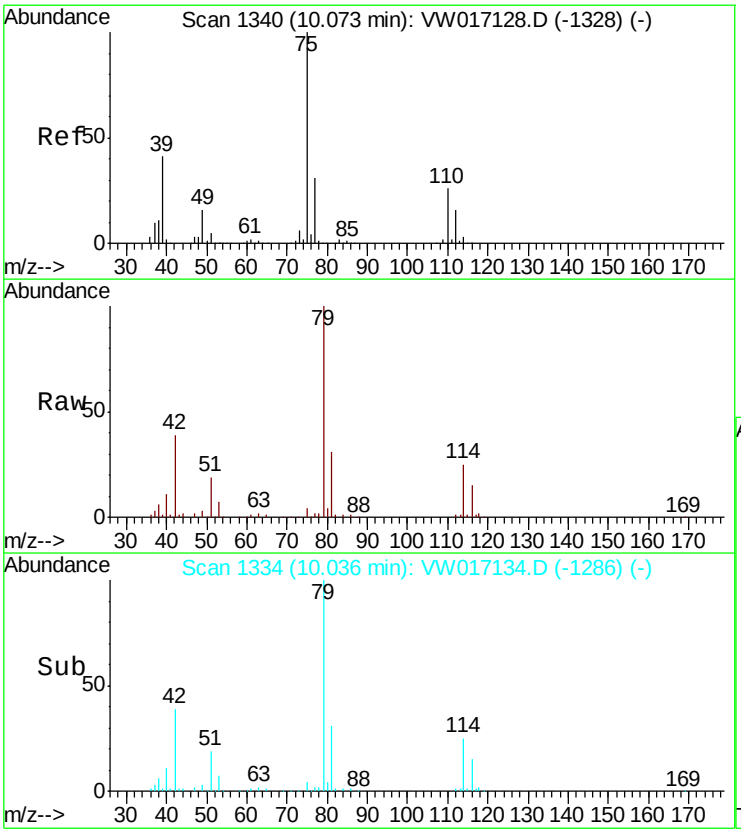
#40
1,2-Dichloropropane
Concen: 2.962 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW017134.D
Acq: 10 Nov 2020 12:50

Instrument :
MSVOA_W
ClientSampleId :
BG4B4

Tgt Ion: 63 Resp: 17231

Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.2	6.2#

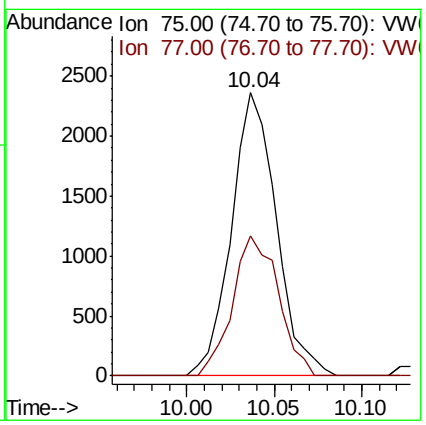


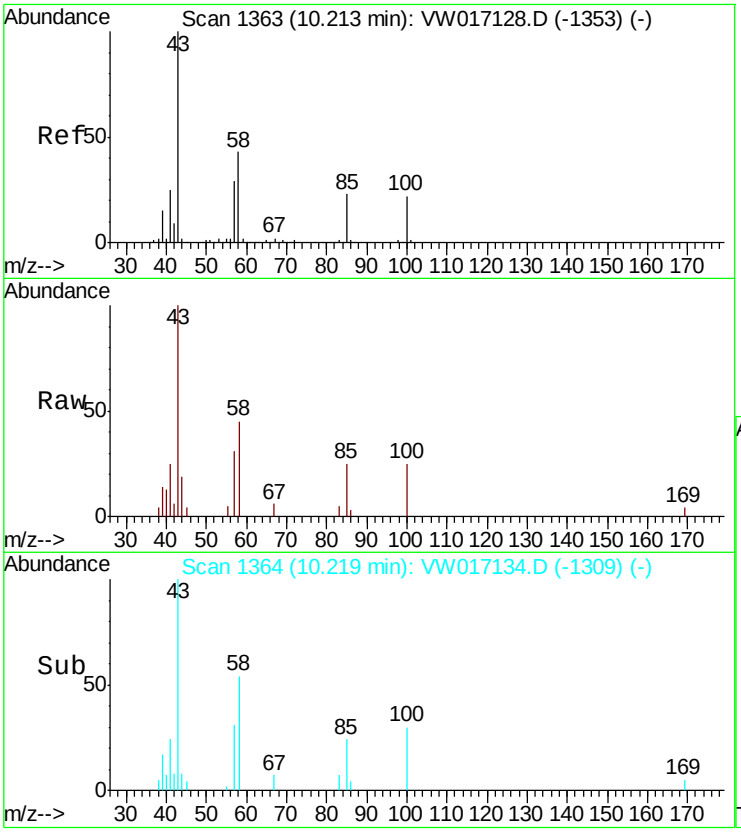


#42
cis-1,3-Dichloropropene
Concen: 0.459 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017134.D
Acq: 10 Nov 2020 12:50

Tgt Ion: 75 Resp: 4228

Ion	Ratio	Lower	Upper
75	100		
77	49.3	22.0	41.0#



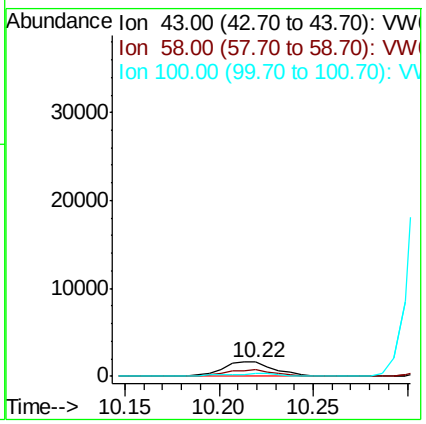


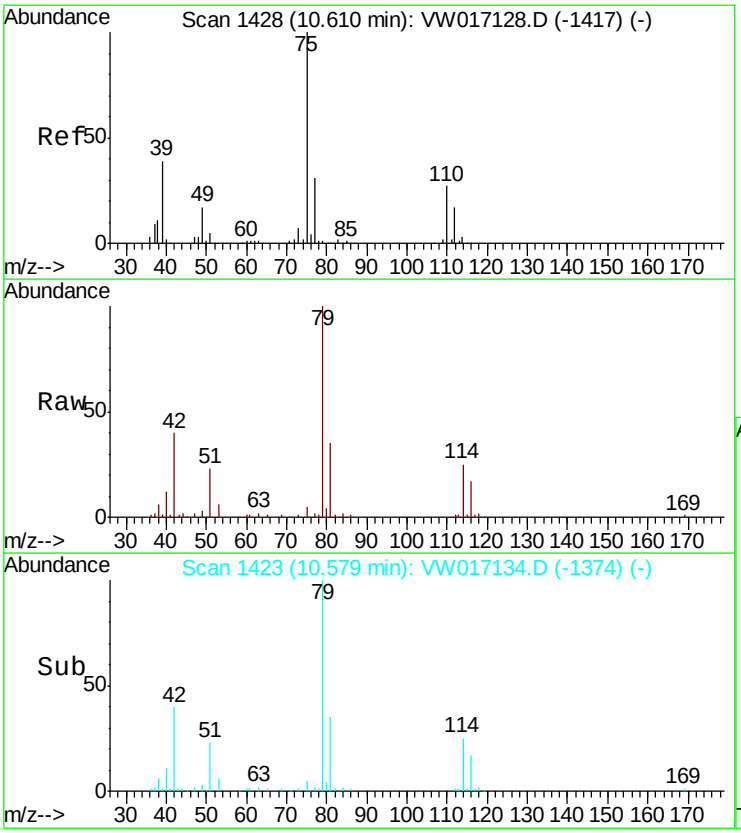
#43
4-Methyl-2-pentanone
Concen: 0.882 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017134.D
Acq: 10 Nov 2020 12:50

Instrument :
MSVOA_W
ClientSampleId :
BG4B4

Tgt Ion: 43 Resp: 3166

Ion	Ratio	Lower	Upper
43	100		
58	41.8	35.0	52.6
100	21.2	16.6	24.8

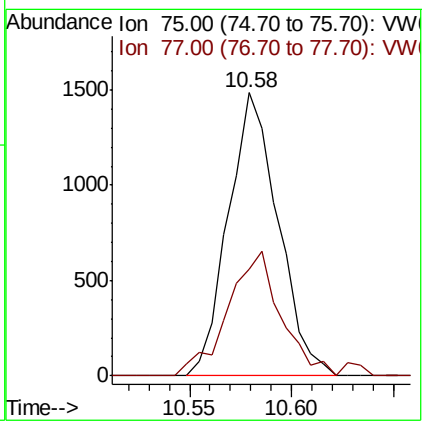


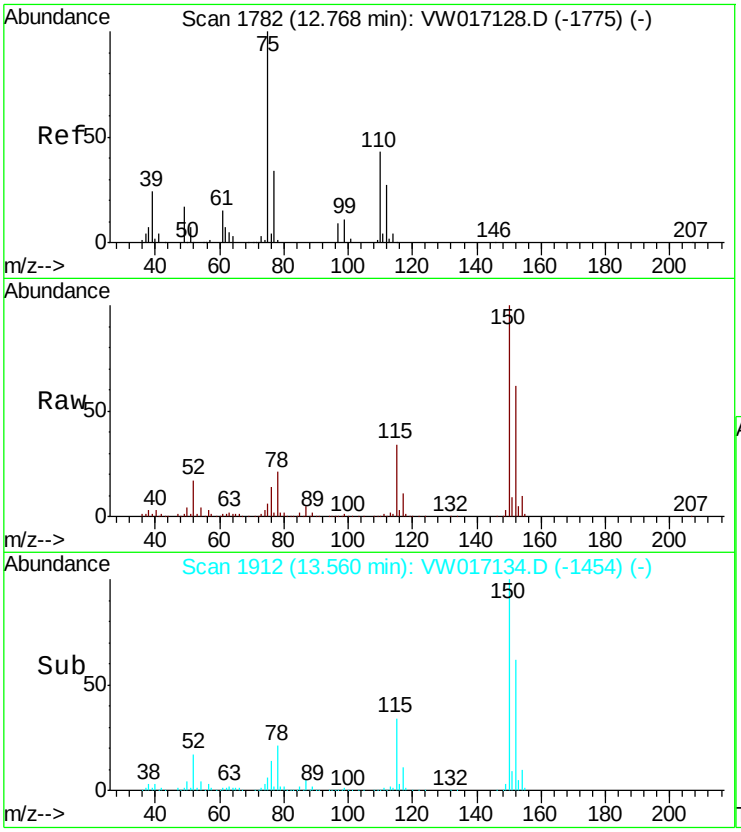


#45
trans-1,3-Dichloropropene
Concen: 0.318 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017134.D
Acq: 10 Nov 2020 12:50

Tgt Ion: 75 Resp: 2517

Ion	Ratio	Lower	Upper
75	100		
77	37.8	22.1	41.1





#59
1,2,3-Trichloropropane
Concen: 5.374 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW017134.D
Acq: 10 Nov 2020 12:50

Instrument :
MSVOA_W
ClientSampleId :
BG4B4

Tgt Ion: 75 Resp: 22380

Ion	Ratio	Lower	Upper
75	100		
77	36.3	26.4	39.6