Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110220\
Data File : VW017040.D
Acq On : 02 Nov 2020 12:14
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK21

Quant Time: Nov 03 04:56:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 03 04:48:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	469606	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	430575	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200411	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	109151	20.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.56%			
7) Chloroethane-d5	2.90	69	94261	22.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.80%			
10) 1,1-Dichloroethene-d2	4.15	63	136	0.01	ug/L	0.12
Spiked Amount 25.000	Range 45 - 110		Recovery = 0.04%#			
20) 2-Butanone-d5	7.09	46	53142	52.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.10%			
24) Chloroform-d	7.65	84	255011	23.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.16%			
26) 1,2-Dichloroethane-d4	8.31	65	121888	23.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.64%			
29) Benzene-d6	8.28	84	515797	23.32	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.28%			
33) 1,2-Dichloropropane-d6	9.28	67	145058	24.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.20%			
37) Toluene-d8	10.33	98	484611	23.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.08%			
38) trans-1,3-Dichloropropene-	10.58	79	57249	22.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.36%			
39) 2-Hexanone-d5	10.93	63	42456	50.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.30%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113774	25.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.08%			
61) 1,2-Dichlorobenzene-d4	13.86	152	174437	24.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.04%			
Target Compounds						Qvalue
13) Acetone	4.14	43	600	0.873	ug/L	65
16) Methylene chloride	4.93	84	18187	2.929	ug/L	95
40) 1,2-Dichloropropane	9.28	63	15754	2.966	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4151	0.500	ug/L #	62
43) 4-Methyl-2-pentanone	10.21	43	2290	0.909	ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	2568	0.373	ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	20505	6.278	ug/L	93

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

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Quant Title : VOC Analysis
QLast Update : Tue Nov 03 04:48:47 2020
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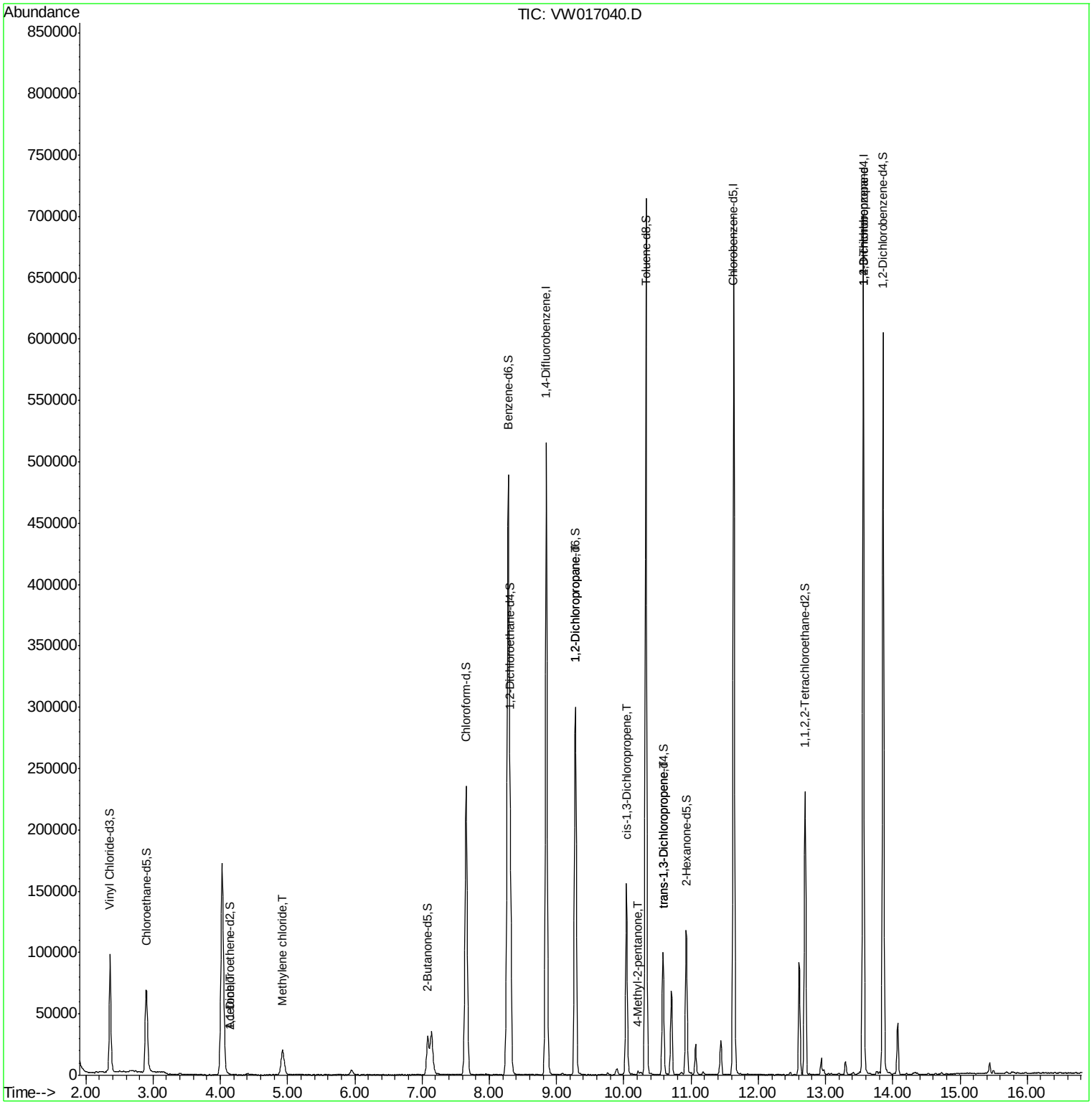
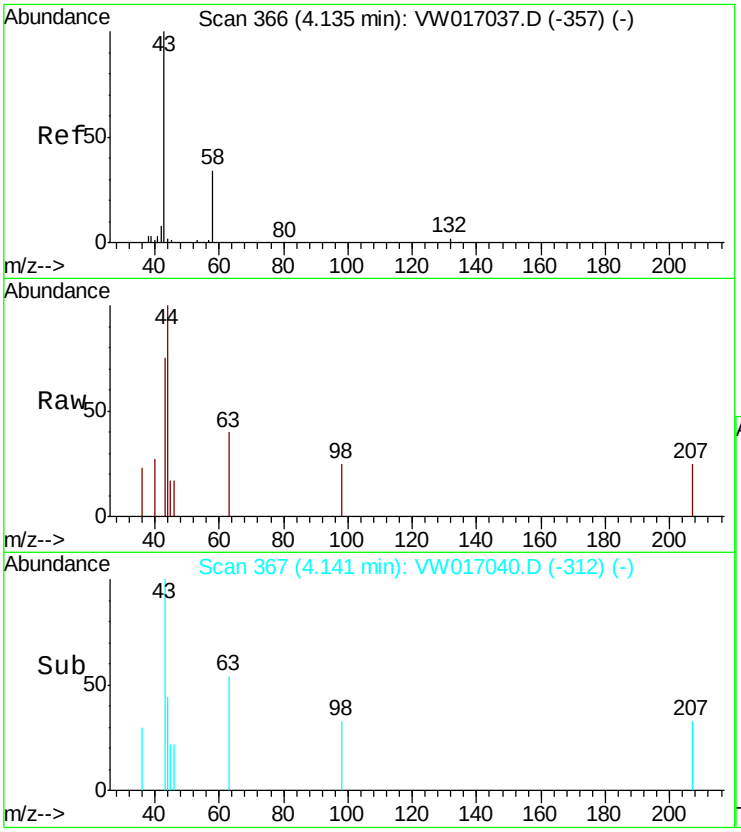


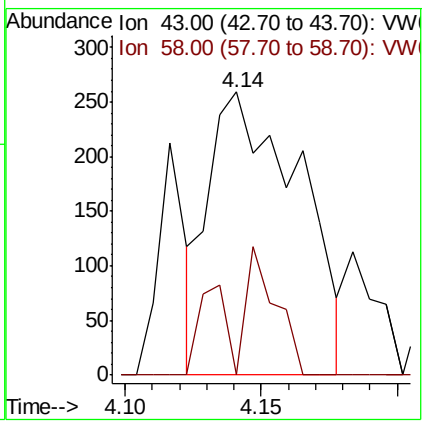


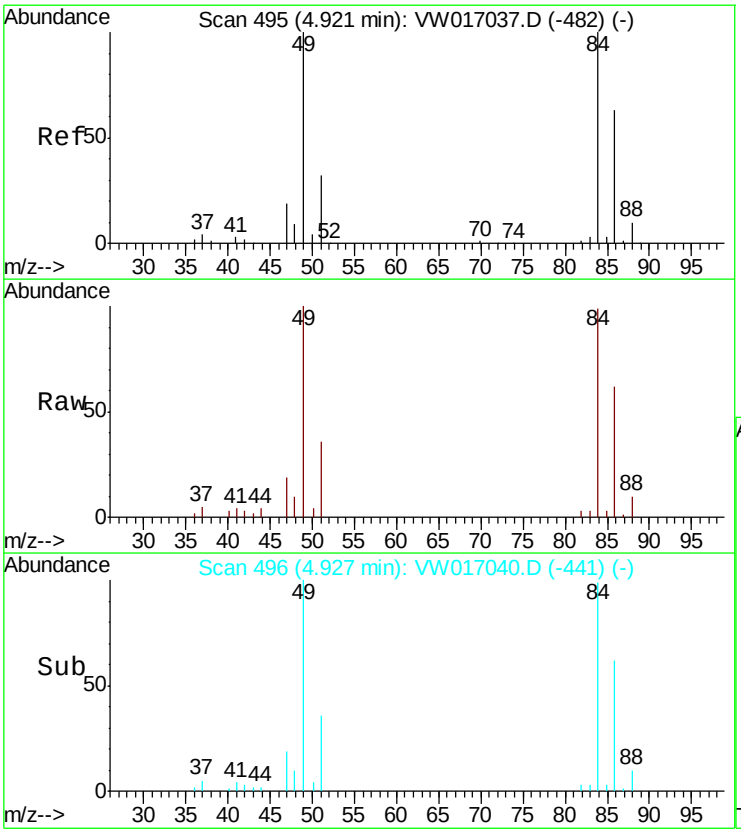
#13
Acetone
Concen: 0.873 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW017040.D
Acq: 02 Nov 2020 12:14

Instrument : MSVOA_W
ClientSampleId : VIBLK21

Tgt Ion: 43 Resp: 600

Ion	Ratio	Lower	Upper
43	100		
58	14.8	0.0	69.8

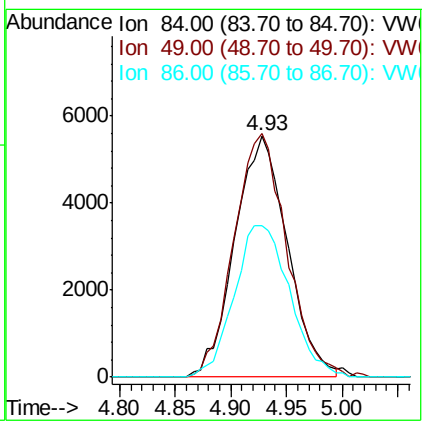


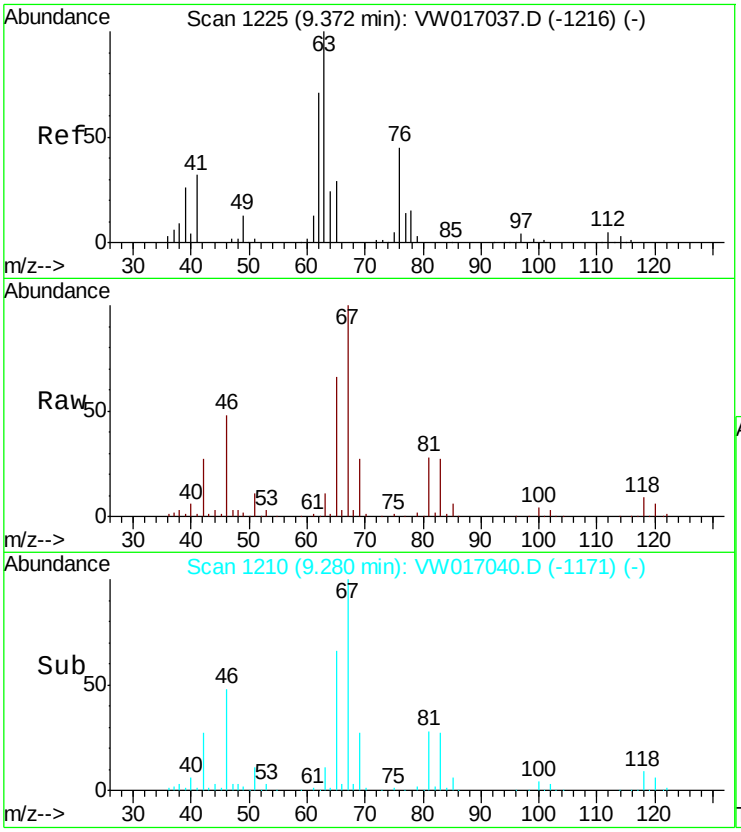


#16
Methylene chloride
Concen: 2.929 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017040.D
Acq: 02 Nov 2020 12:14

Tgt Ion: 84 Resp: 18187

Ion	Ratio	Lower	Upper
84	100		
49	100.9	73.8	137.0
86	62.9	47.4	88.0



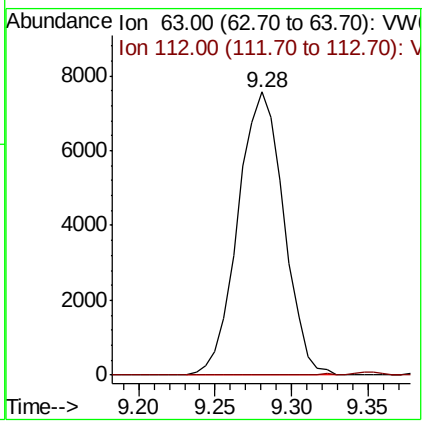


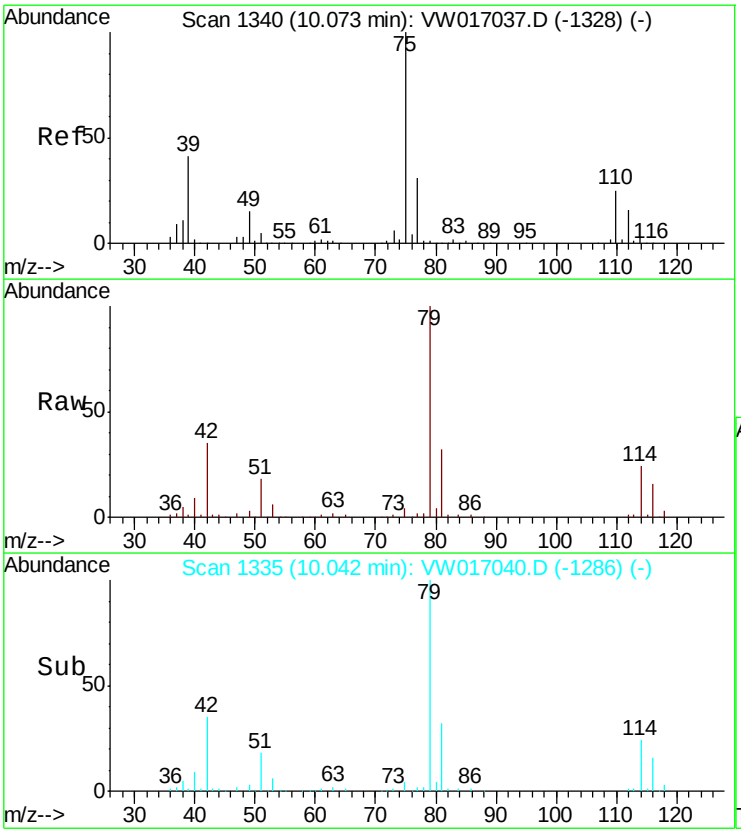
#40
1,2-Dichloropropane
Concen: 2.966 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW017040.D
Acq: 02 Nov 2020 12:14

Instrument : MSVOA_W
ClientSampleId : VIBLK21

Tgt Ion: 63 Resp: 15754

Ion	Ratio	Lower	Upper
63	100		
112	0.6	4.5	6.7#

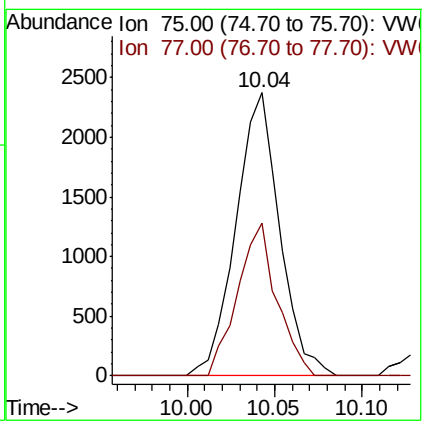


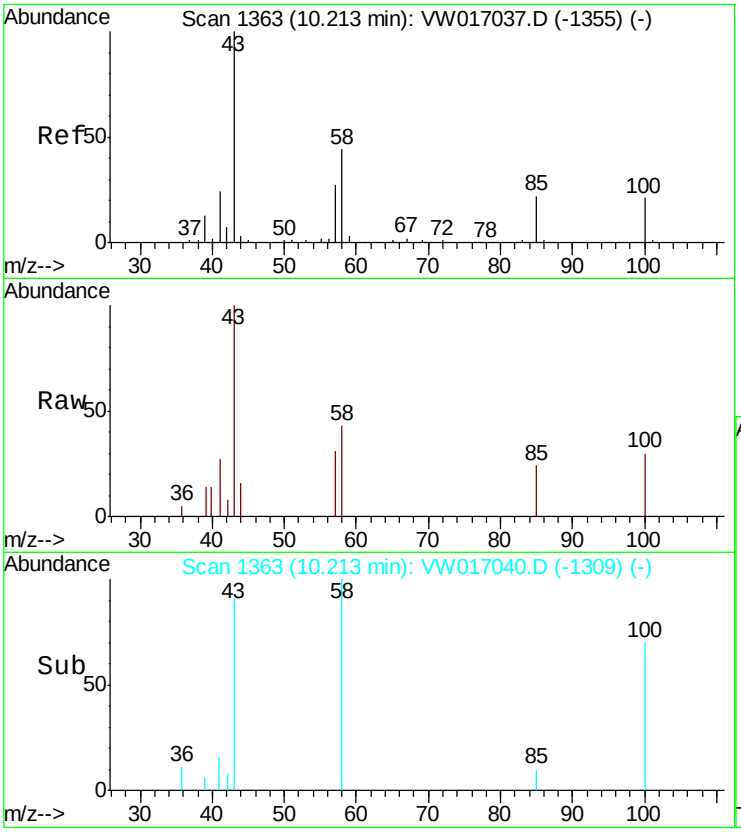


#42
cis-1,3-Dichloropropene
Concen: 0.500 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW017040.D
Acq: 02 Nov 2020 12:14

Tgt Ion: 75 Resp: 4151

Ion	Ratio	Lower	Upper
75	100		
77	53.9	22.7	42.1#



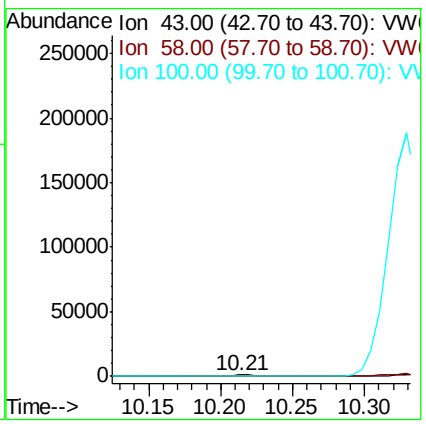


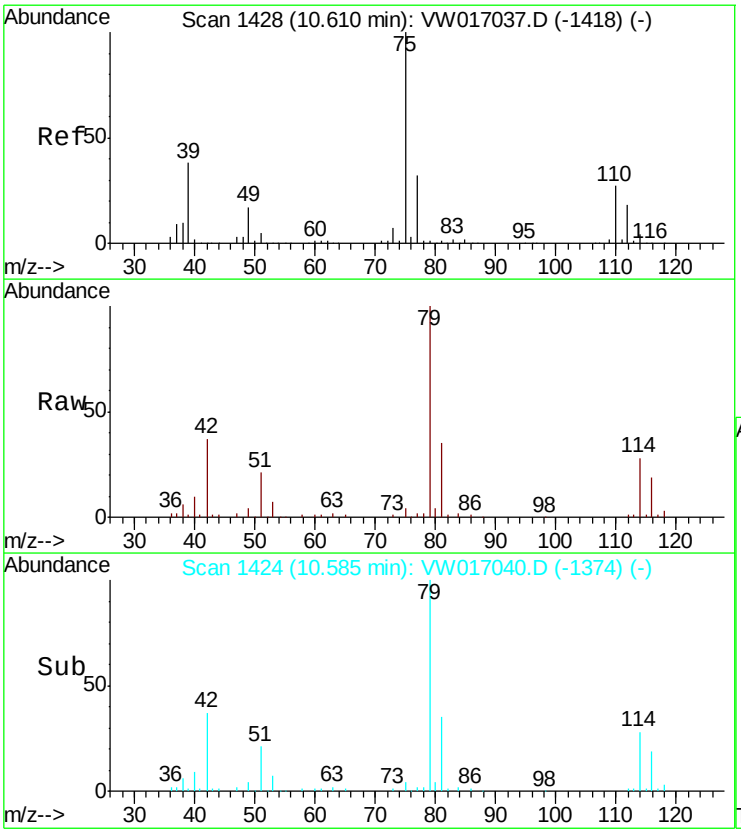
#43
4-Methyl-2-pentanone
Concen: 0.909 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017040.D
Acq: 02 Nov 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

Tgt Ion: 43 Resp: 2290

Ion	Ratio	Lower	Upper
43	100		
58	40.3	34.4	51.6
100	16.8	16.2	24.2

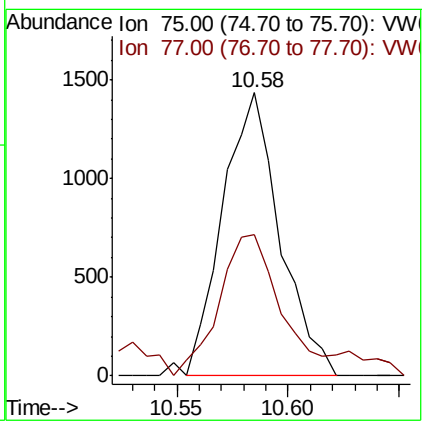


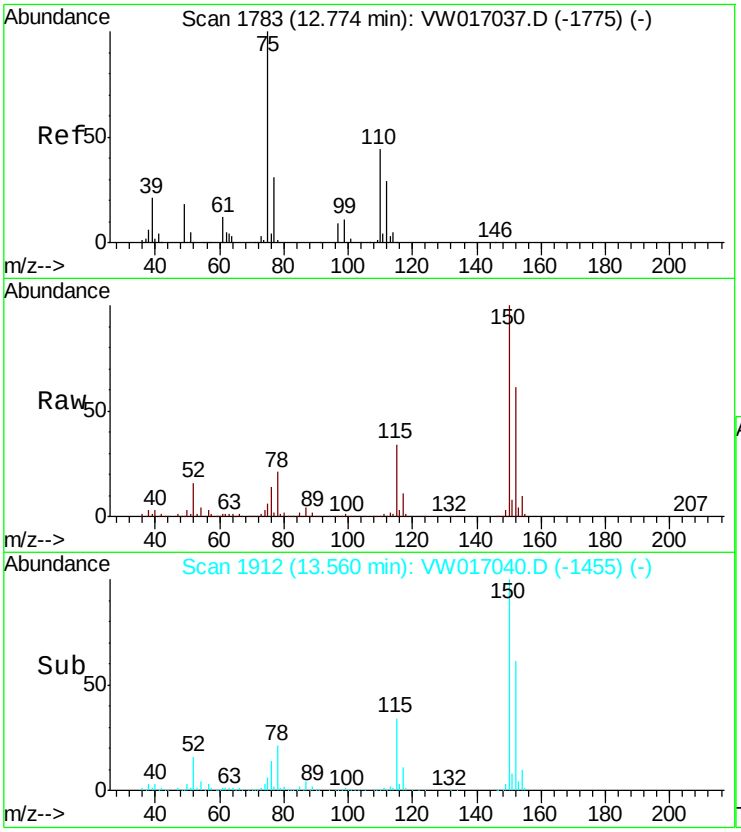


#45
trans-1,3-Dichloropropene
Concen: 0.373 ug/L
RT: 10.58 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW017040.D
Acq: 02 Nov 2020 12:14

Tgt Ion: 75 Resp: 2568

Ion	Ratio	Lower	Upper
75	100		
77	49.8	22.7	42.3#





#59
1,2,3-Trichloropropane
Concen: 6.278 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW017040.D
Acq: 02 Nov 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

Tgt Ion: 75 Resp: 20505

Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.8	38.8